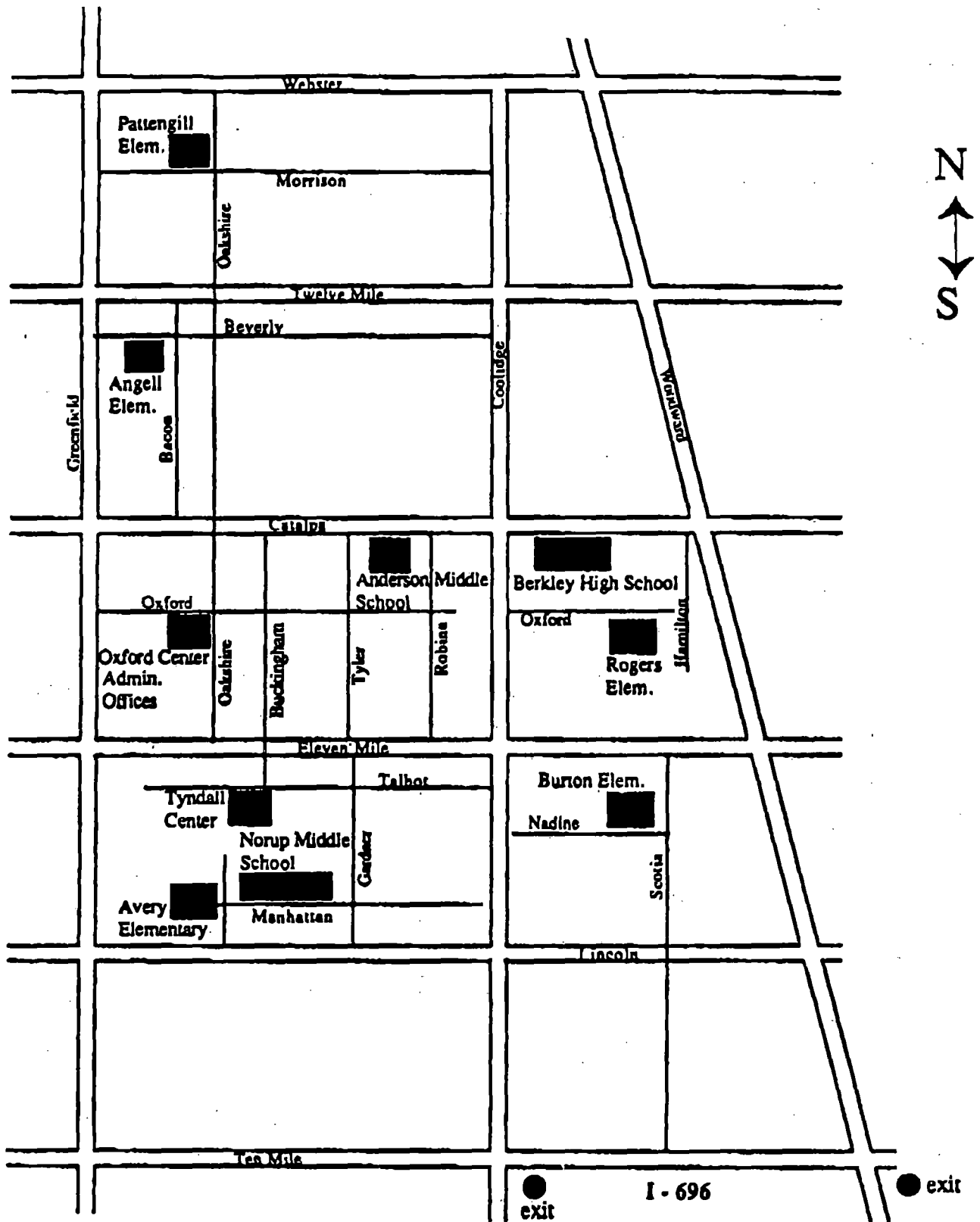
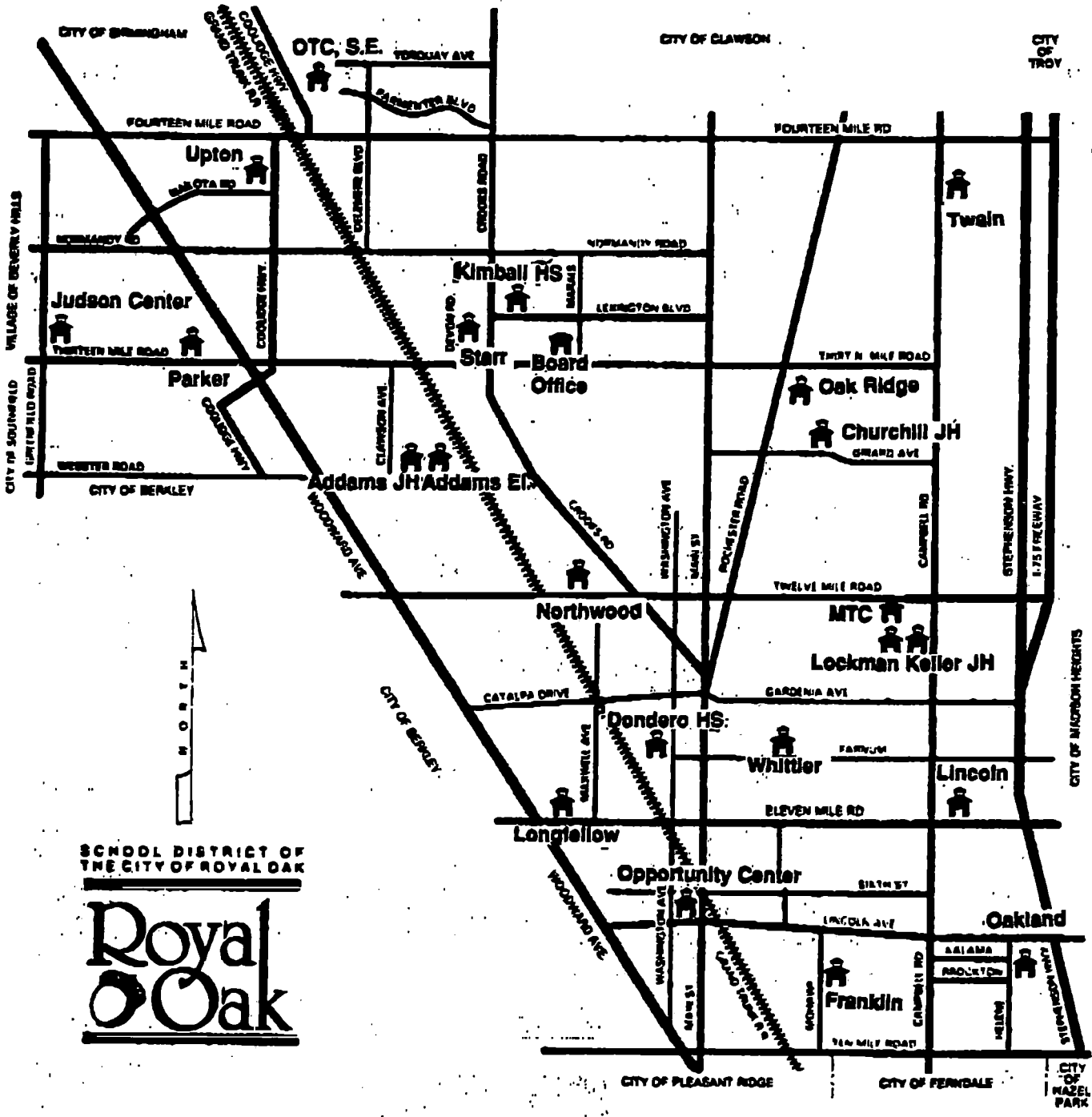


Practical Political Consultants
Mark Grebner
Alan Fox (programmer)
220 Albert Ave. Suite 207
E. Lansing, MI 48823
(517) 351-6682



Berkley School District Map
 Berkley, Michigan
 Oakland County

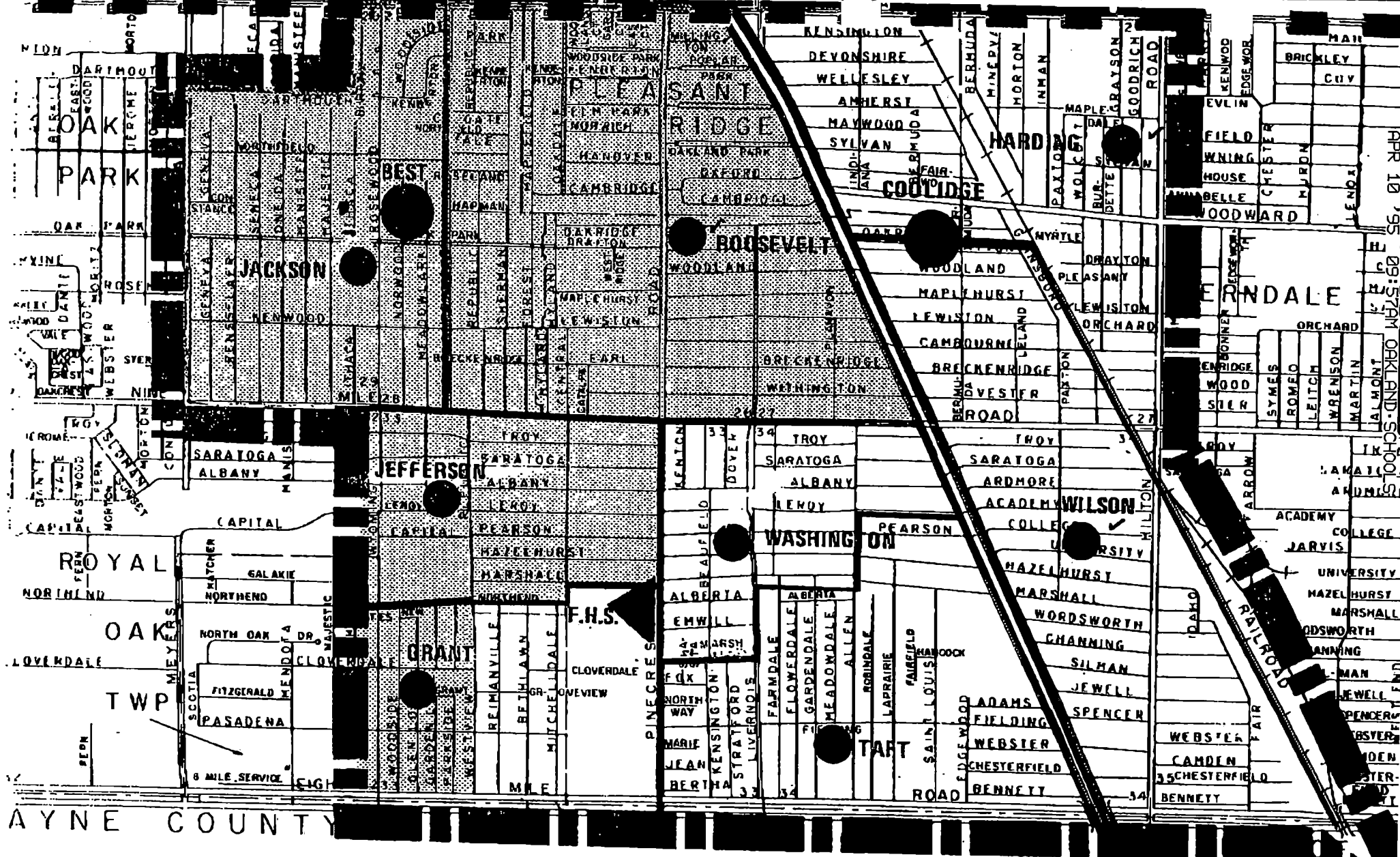
Post-It® Fax Note	7671	Date	4-10-95	# of pages	▶
To	Janet Heman	From	Betty King		
Co./Dept.	O. C. C.	Co.	R.O. Schools		
Phone #	544-5542	Phone #	435-8400		
Fax #	544-4955	Fax #	435-6170		



SCHOOL DISTRICT OF
THE CITY OF ROYAL OAK

Royal Oak



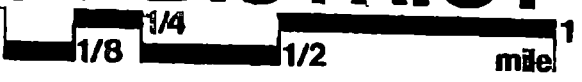


FERNDALE SCHOOL DISTRICT

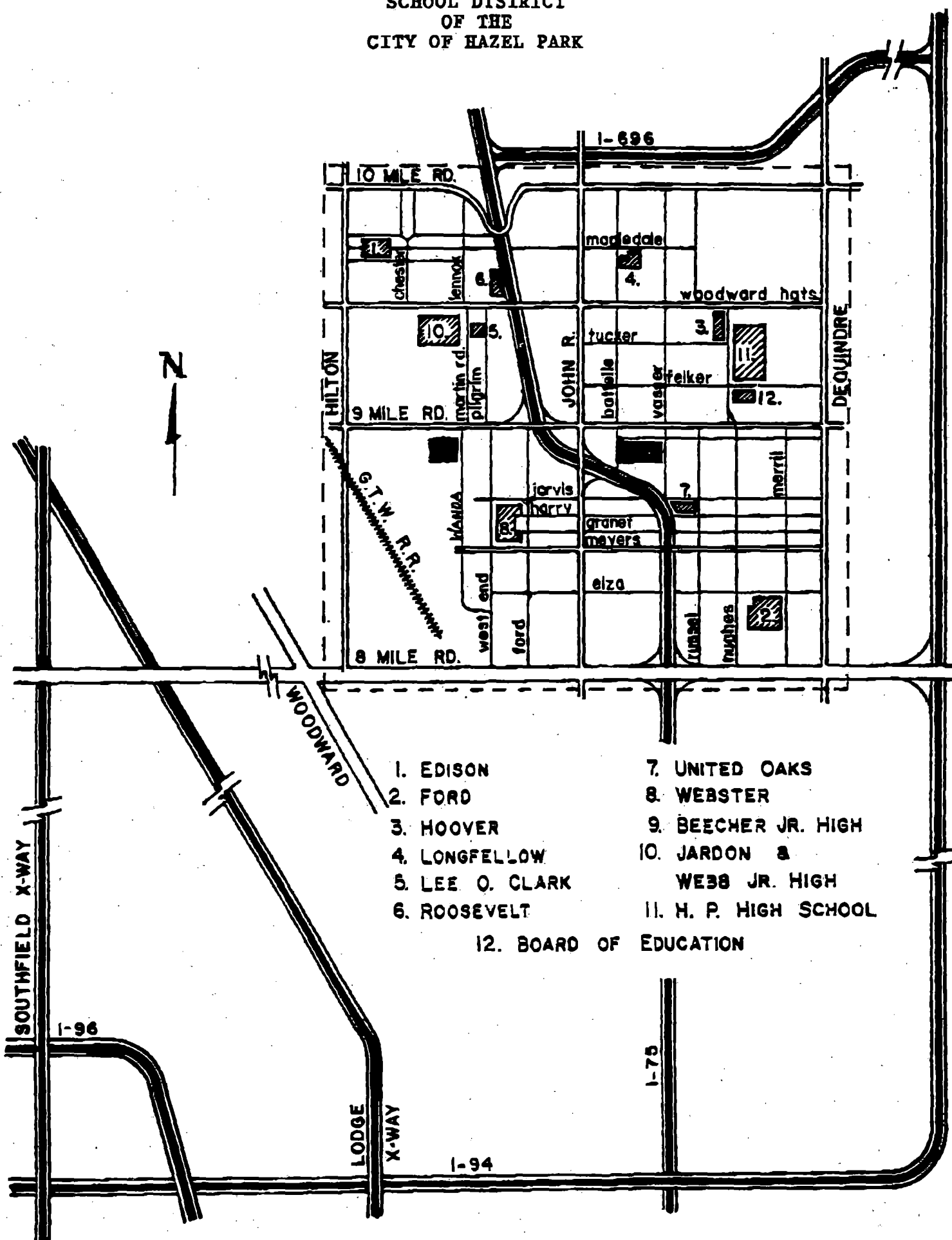
ATTENDANCE AREAS

best jr high
coolidge jr high

- elementary
- junior high
- ▲ senior high



SCHOOL DISTRICT
OF THE
CITY OF HAZEL PARK



- | | |
|-----------------|------------------------|
| 1. EDISON | 7. UNITED OAKS |
| 2. FORD | 8. WEBSTER |
| 3. HOOVER | 9. BEECHER JR. HIGH |
| 4. LONGFELLOW | 10. JARDON & |
| 5. LEE O. CLARK | WEBB JR. HIGH |
| 6. ROOSEVELT | 11. H. P. HIGH SCHOOL |
| | 12. BOARD OF EDUCATION |



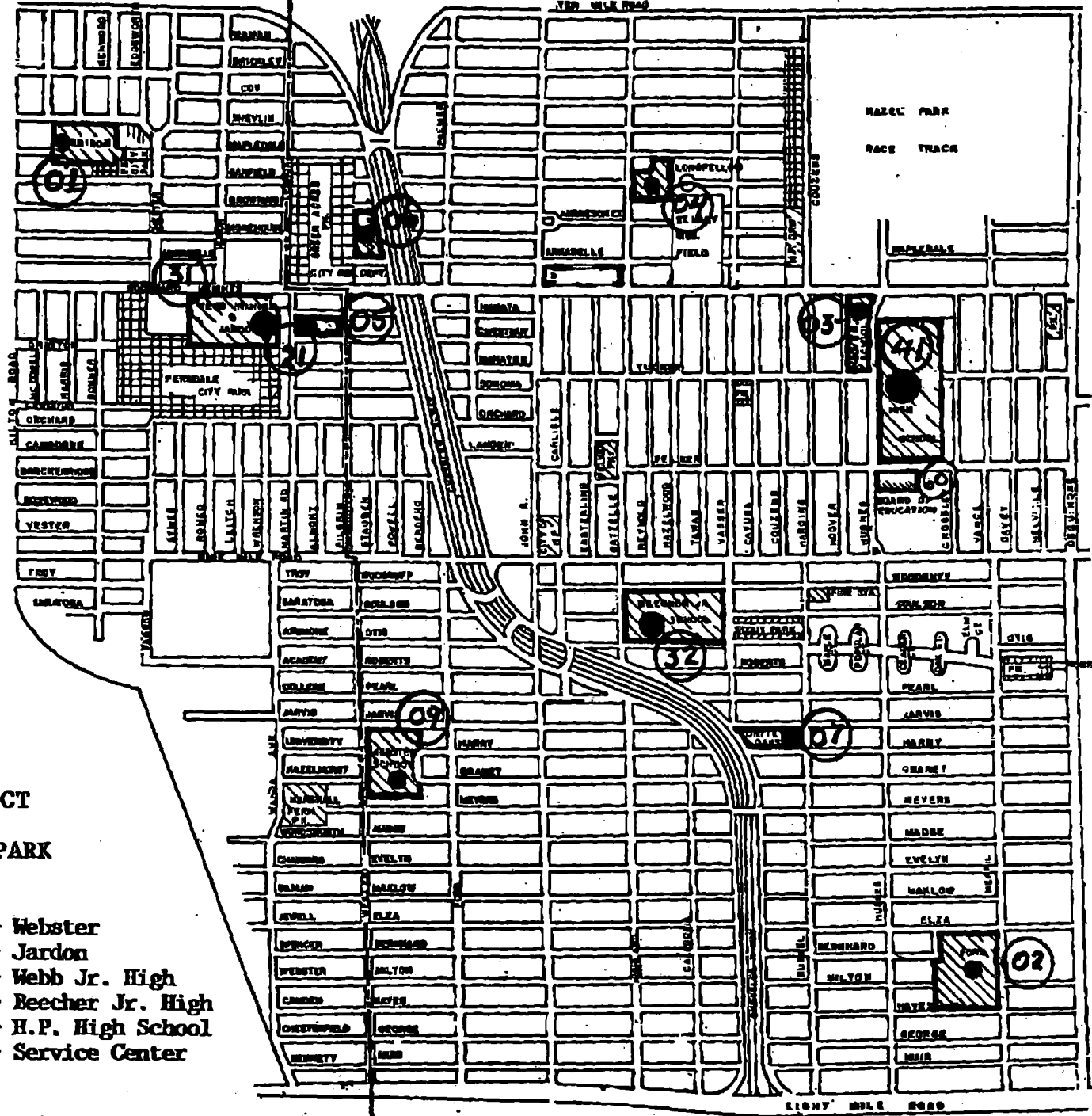
CITY OF FERDALE

CITY OF HAZEL PARK

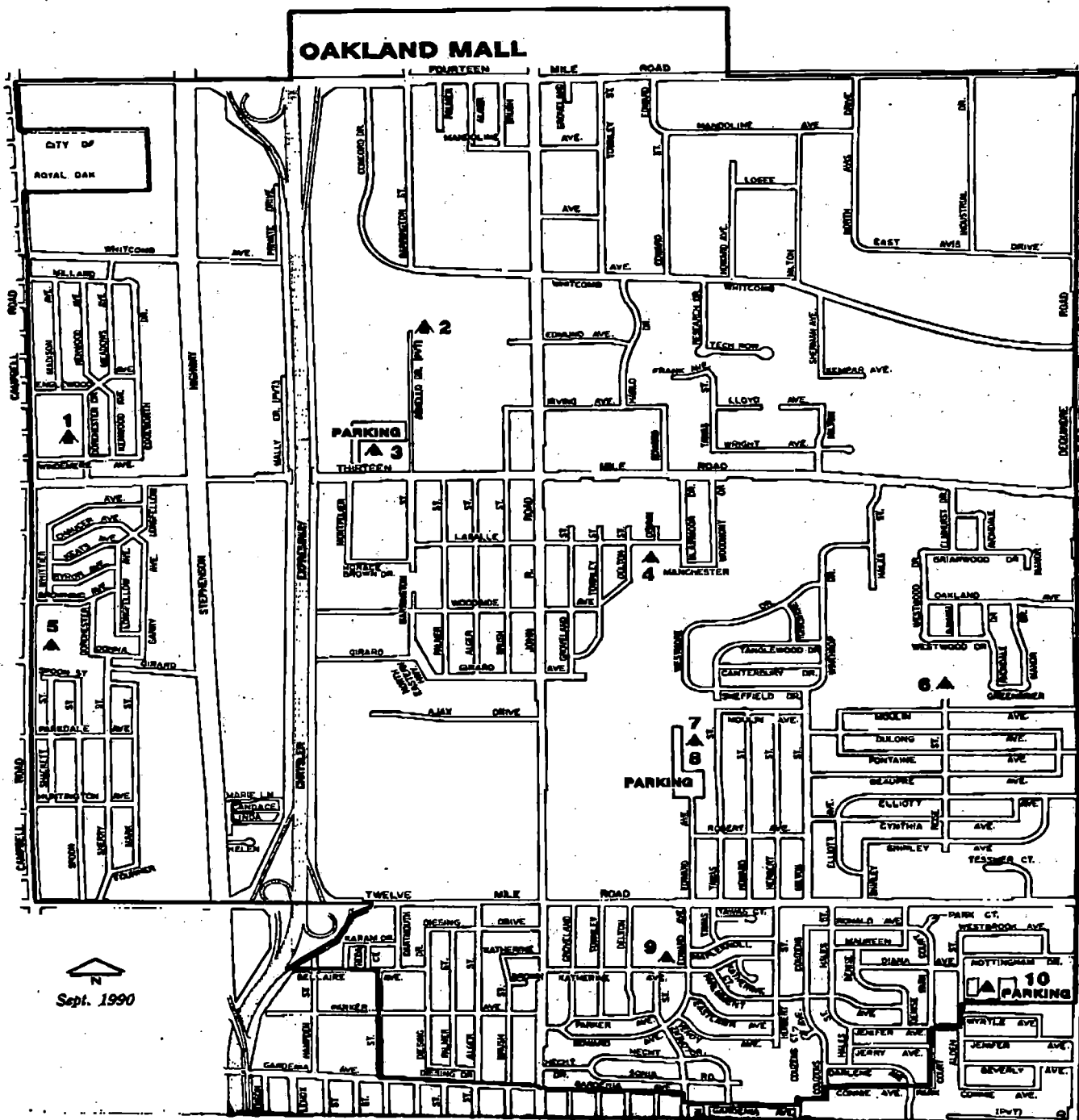
1ST MILE ROAD

**SCHOOL DISTRICT
 OF THE
 CITY OF HAZEL PARK**

- | | |
|-----------------|-----------------------|
| 1 - Edison | 9 - Webster |
| 2 - Ford | 21 - Jardon |
| 3 - Hoover | 31 - Webb Jr. High |
| 4 - Longfellow | 32 - Beecher Jr. High |
| 5 - Clark | 41 - H.P. High School |
| 6 - Roosevelt | 60 - Service Center |
| 7 - United Oaks | |



LIGHT MILE ROAD



Sept. 1990

The Lamphere Schools

Madison Heights, MI 48071
 —National Exemplary Schools—
 John Page Middle School - 1984-85
 Lamphere High School - 1986-87

1 Administration Center
 31201 Dorchester
 (313) 589-1990
 Superintendent - James S. McCann

3 Lamphere High School
 610 W. 13 Mile Road
 (313) 589-3943
 Principal - R. Richard Yaroch

5 Lessinger Elementary School
 30150 Campbell Road
 (313) 589-0556
 Principal - Sherrie Jones

8 John Page Middle School
 29615 Tawas
 (313) 589-3428
 Principal - John Gatz

2 Maintenance/Transportation
 31600 Agnes Dr.
 (313) 589-0708
 Director - Gary D. Corriere

4 Hiller Elementary School
 400 East La Salle
 (313) 589-0406
 Principal - Curtis Benham

6 Simonds Elementary School
 30000 Rose Avenue
 (313) 547-5292
 Principal - Danise S. Jenkins

9 Edmonson Elementary School
 621 East Katherine
 (313) 547-5342
 Principal - T.C. Roehle

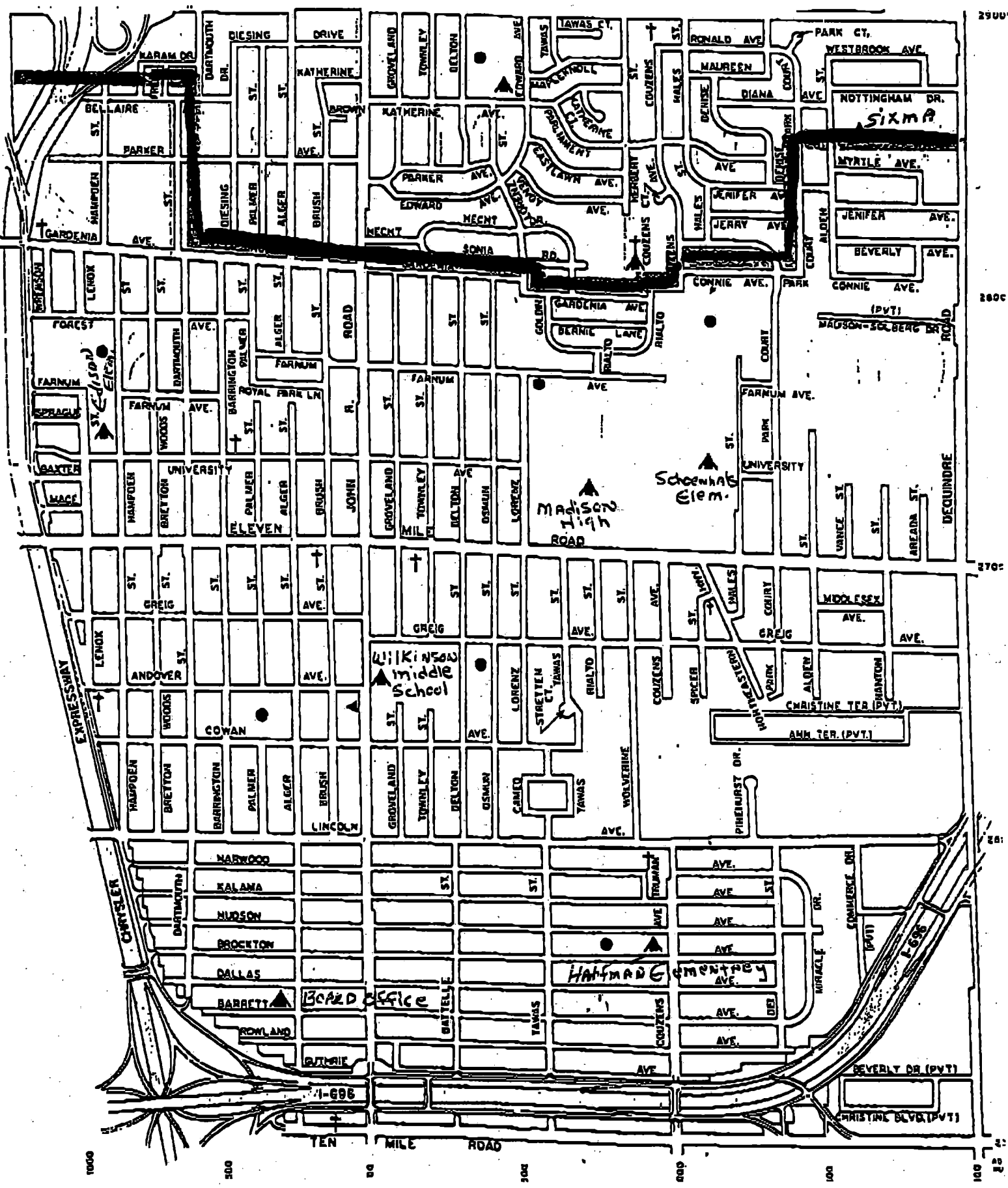
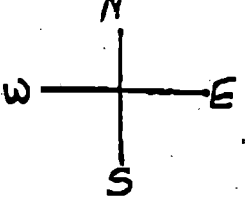
7 Lamphere Center
 29665 Tawas
 (313) 589-3155
 Supervisor - Kathleen S. Marth

10 Sixma Center
 Community Education
 28500 Alden
 (313) 545-5585
 Director - Norma Ross

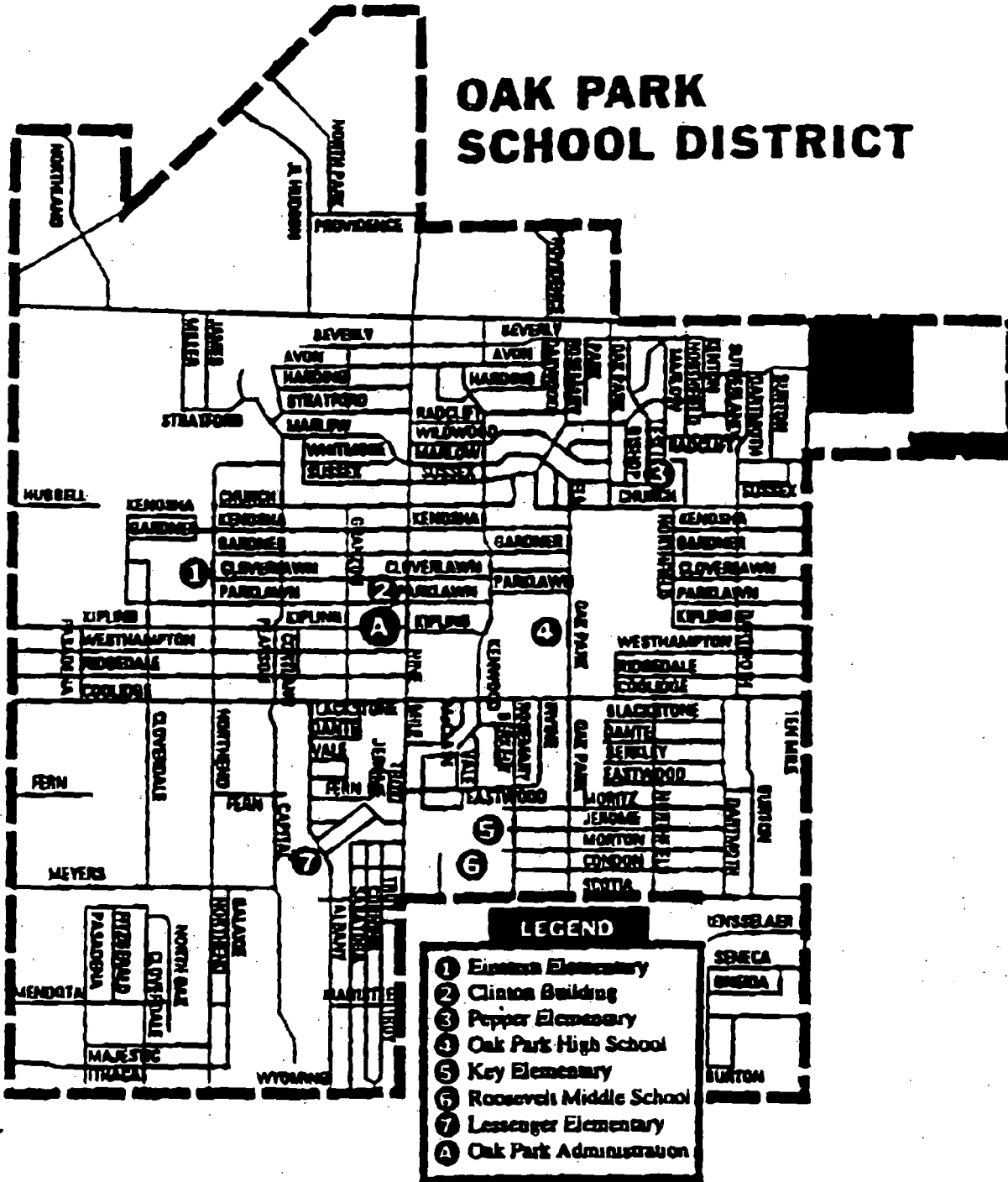
MADISON DISTRICT PUBLIC SCHOOLS

ADMINISTRATION OFFICE - 25421 ALGER
 MADISON HIGH SCHOOL - 915 E. 11 MILE
 WILKINSON MIDDLE SCHOOL - 26524 JOHN R
 SCHOENHALS ELEMENTARY - 27107 HALES
 EDISON ELEMENTARY - 27321 HAMPDEN
 HALFMAN ELEMENTARY - 25601 COUZENS

399-7800
 548-1800 W. Cayen
 399-0455 D. Weitzel
 543-5465 R. Sikorsky
 542-3414 D. McCord
 543-4433 T. Samples

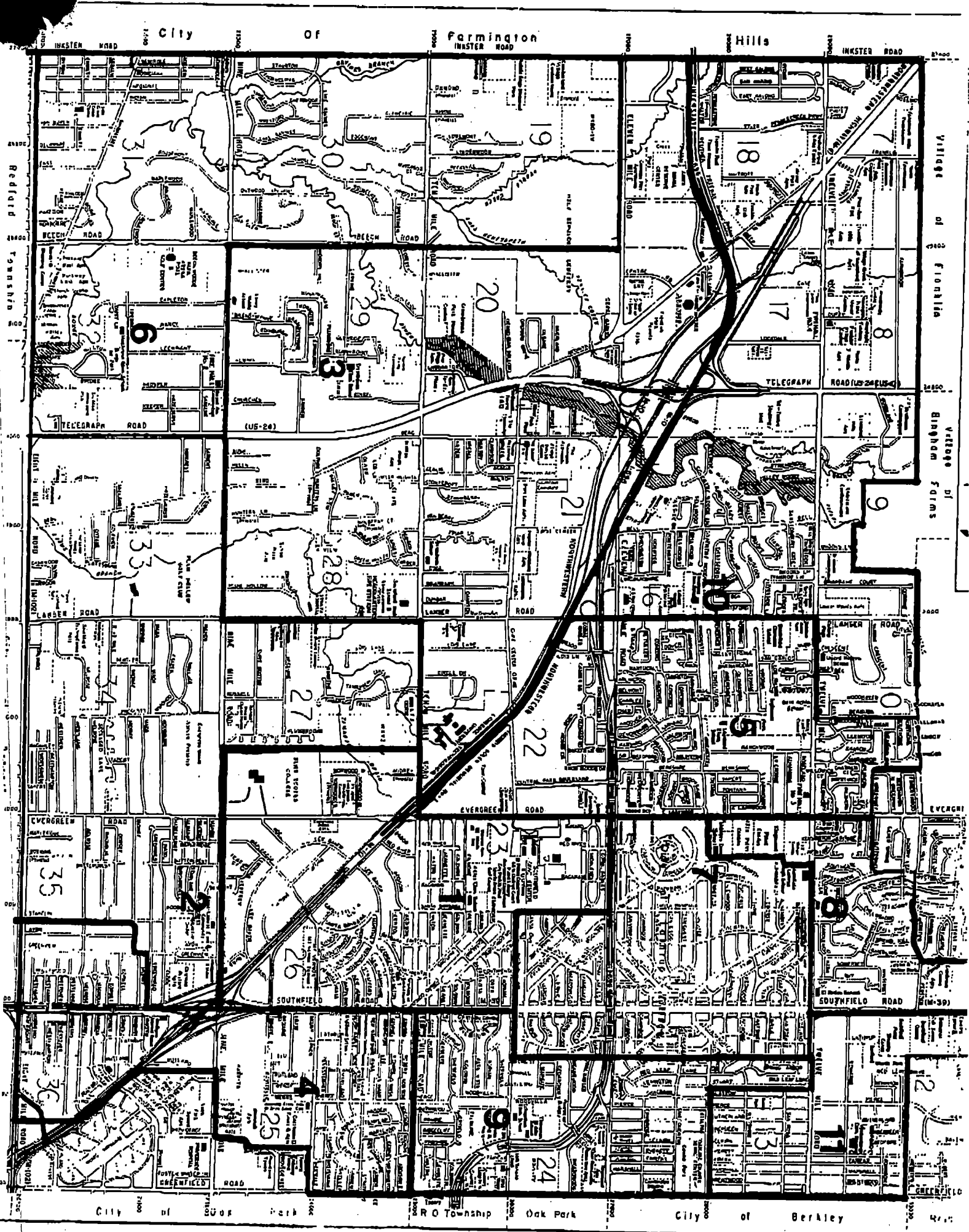


OAK PARK SCHOOL DISTRICT



LEGEND	
①	Einstein Elementary
②	Clinton Building
③	Pepper Elementary
④	Oak Park High School
⑤	Key Elementary
⑥	Roosevelt Middle School
⑦	Lessenger Elementary
⑧	Oak Park Administration

1. Albert Einstein Elementary - 14001 Northend,
2. Clinton Building - 22180 Parklawn
3. James N. Pepper Elementary - 24301 Church
4. Oak Park High School - 13701 Oak Park Blvd.
5. Francis Scott Key Elementary - 23400 Jerome
6. Eleanor Roosevelt Middle School - 23261 Scotia
7. Waldo E. Lessenger Elementary - 12901 Albany
8. Administration Office - 13900 Granzon



Redford Township

Village of Farmington Hills

Village of Bingham Farms

City of Oak Park R O Township Oak Park City of Berkley

SOUTHFIELD PUBLIC SCHOOLS

Elementary Schools

1. Morris Adler, 19100 Filmore, SF 48075
2. Brace/Lederle, 18575 W. Nine Mile Rd., SF 48075
3. Dwight D. Eisenhower, 24500 Larkins St., SF 48075
4. John F. Kennedy, 16299 Mt. Vernon Ave., SF 48075
5. Fred D. Leonhard, 20900 Independence Ave., SF 48076
6. Douglas MacArthur, 24501 Fredrick Ave., SF 48034
7. Helen McIntyre, 19600 Saratoga, SF 48076
8. Child Development Center (Pre-School), 19080 W. 12 Mile Rd., SF 48076
9. Glenn Schoenhals, 16500 Lahser Rd., SF 48076
10. Adlai Stevenson, 27777 Lahser Rd., SF 48076
11. Arthur Vandenberg, 16100 Edwards Ave., SF 48076



Public Sector Consultants, Inc.

Date: 11/15/94

Please deliver the following page(s) to FAX # 810 471-7544

TO: MARTY OR KAYE

FROM: JON HANSEN

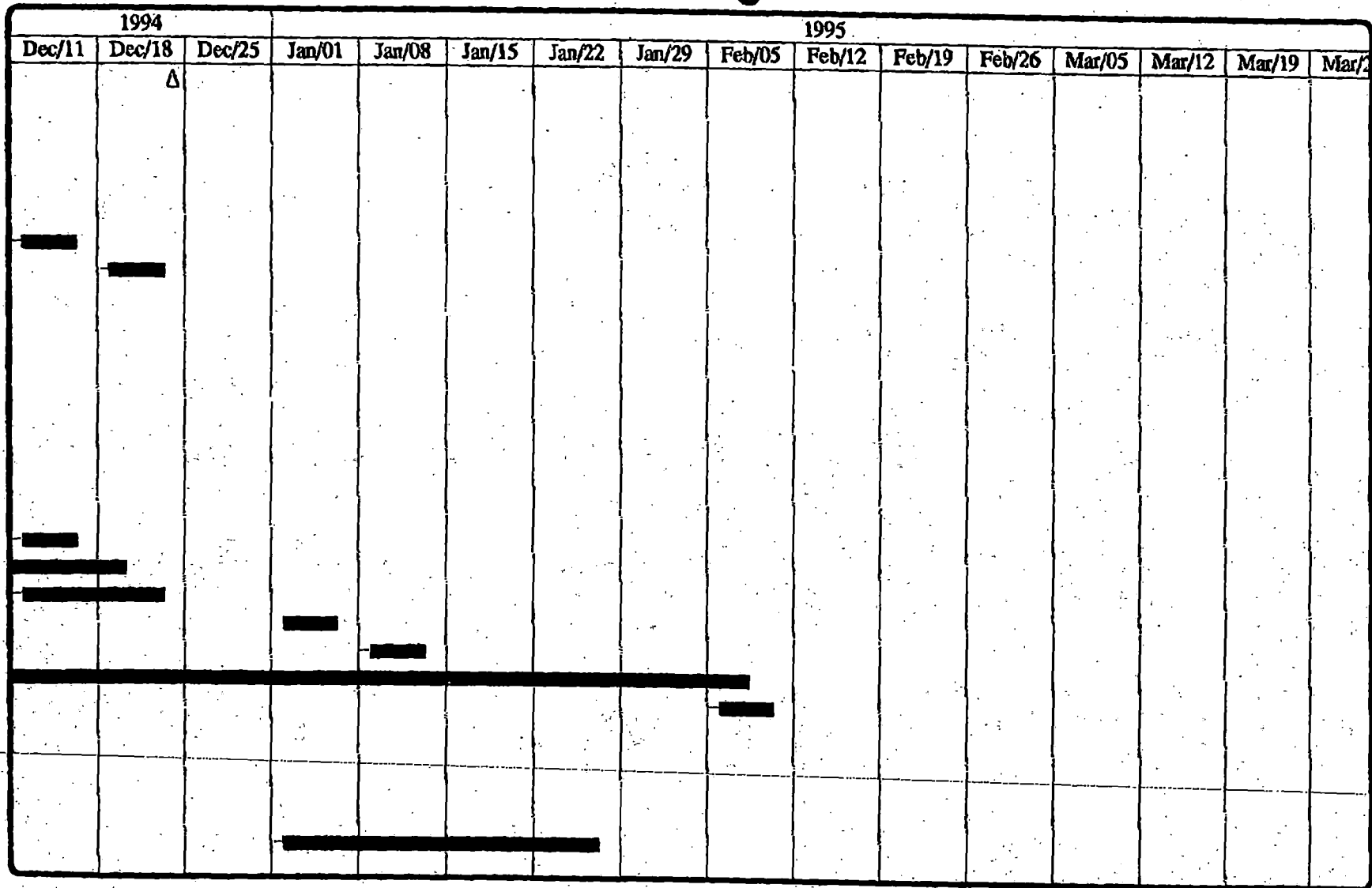
Total number of pages 3 (including this cover sheet)

RE: CAMPBELL PLAN FOR MILLAGE
THIS BEING PRESENTED TODAY TO
PATSY, ET AL.

occmillage.tif

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6. Test messages (poll) on non-alum most likely voters					
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2. Appoint "Media Contact Team"					
3. Schedule mtgs w/media outlets and "MCT" to discuss millage					

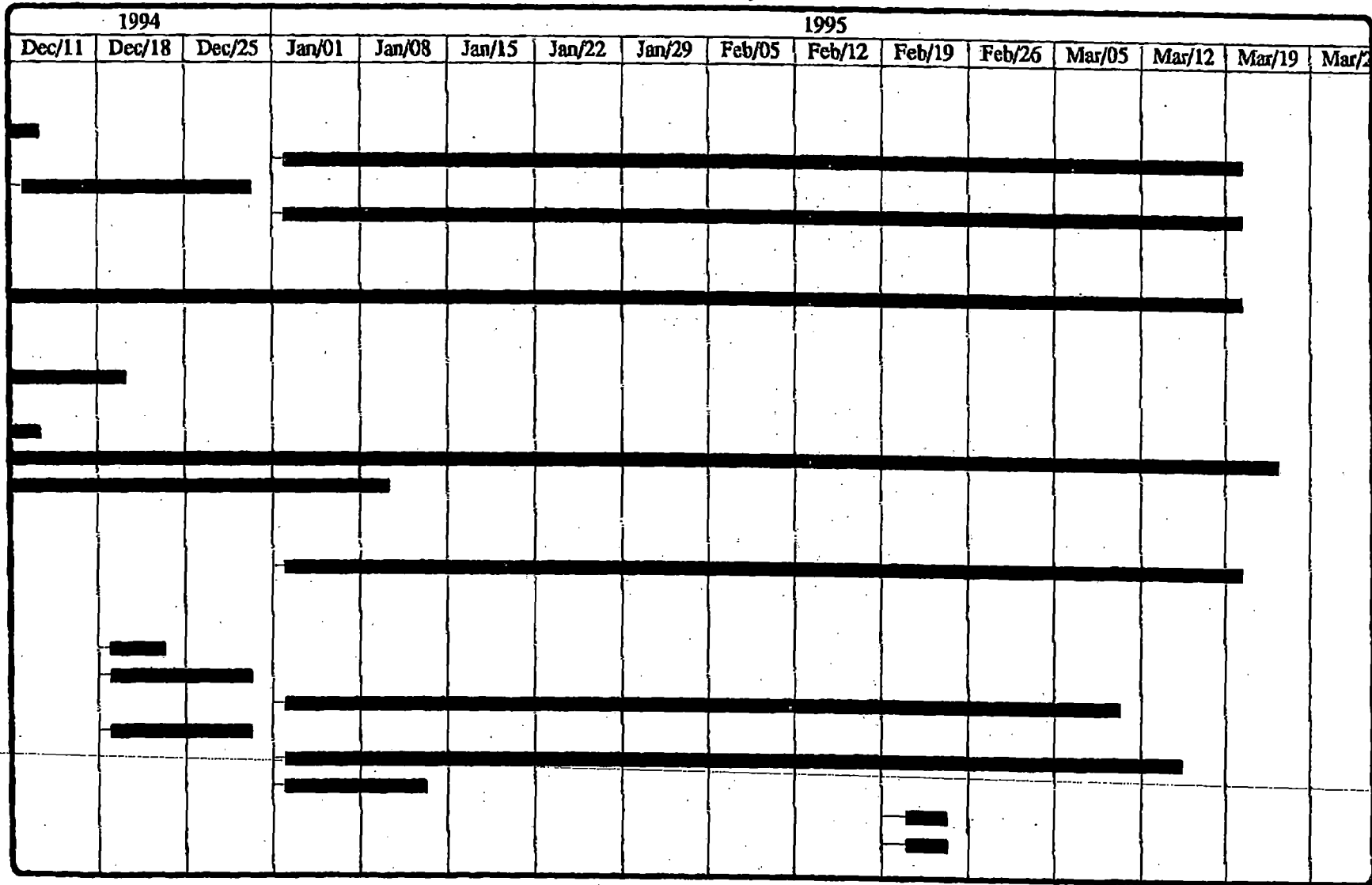
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2. Determine/coordinate database needs					
3. Offer extra credit in Government classes for volunteer time on campaign					

Oakland Community College Phone Bank Scenarios

1. Budgeting Volunteers for Voter Contact

Scenario A

Goal: 60,000 calls to identify 30,000 likely yes voters.
Phones: 20
Hours: 6-9 p.m. Sunday through Thursday
Calls/Night: 1,320
Nights Needed: 45.5
Start: January 3, 1995
End: March 2, 1995
Shifts: 910

Scenario B

Goal: 60,000 calls to identify 30,000 likely yes voters
Phones: 30
Hours: 6-9 p.m. Sunday through Thursday
Calls/Night: 1,980
Nights Needed: 30.3
Start: January 3, 1995
End: February 9, 1995
Shifts: 910

2. GOTV

Goal: 30,000 calls to likely yes voters
Phones: 75
Hours: 6-9 p.m. Sunday through Wednesday, March 12-15
9 a.m.-5 p.m. Thursday, March 16
Calls/Night: 7,500, 100 calls per phone
Shifts: 300

**Oakland Community College
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Hours: 6-9 p.m. Sunday through Wednesday, March 12-15
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Calls/Night: 7,500, 100 calls per phone
Shifts: 300

MILLAGE PLAN OF ACTION

ACTIVITY	RESPONSIBILITY	COMPLETION DATE	ACCOUNTABILITY
Complete establishment of target markets by Nov. 30. M. Orlowski to do random telephone sample on these groups: Students Jewish Community Teachers--MEA Health Occupations	M. Orlowski	November 30	D. Jaksen
No need for telephone sample on these groups: Police Fire Service Clubs Vendors Adjunct Faculty Adult Learning Institute AAUW Literacy Group--Pontiac Business/Industry Ceramics--Charlie Blosser Employee Group Students			
Talk with George and Doris Mosher to determine if Senior Men's and Women's Clubs are possible target groups.	D. Jaksen	November 18	D. Jaksen
Assign target groups that do not need telephone samples to the following:			
Police	J. Macri/J. Domm	December 2	D. Jaksen
Fire	M. Szabo	December 2	P. Fulton-Calkins
Service Clubs	D. Jaksen	December 2	D. Jaksen
Vendors	J.P. Adams	December 2	D. Jaksen
Adjunct Faculty (adjunct faculty volunteer group, person to get volunteer help)	C. Yeramian	December 2	P. Fulton-Calkins
Adult Learning Institute	C. Yeramian/ Director	December 2	P. Fulton-Calkins
AAUW	D. Jaksen	December 2	D. Jaksen

ACTIVITY	RESPONSIBILITY	COMPLETION DATE	ACCOUNTABILITY
Literacy Group	G. May	December 2	D. Jaksen
Business/Industry	P. Fulton-Calkins	December 2	P. Fulton-Calkins
Ceramics	C. Blosser	December 2	D. Jaksen
Employee Group: Ask how many people each can bring--family, friends, etc. (Check Dan's list.)	Union Heads Mgt Staff Officers Administrators-PJF	December 2 December 2 December 2	D. Jaksen D. Jaksen D. Jaksen
Students	K. Hanna/ Diane (HL)	December 2	P. Fulton-Calkins
TELEPHONE CALLS:			
Purpose of Phone Calls: Solicit support, get names of others in family or friends who might support, get commitment.			
Get alumni names and telephone numbers to campuses, then schedule meeting.		November 30	D. Jaksen
Before meeting, have script ready for telephone calls.	G. Cartsonis	November 25	D. Jaksen
Before meeting, develop sheet to be completed during phone calls, including: Name of person called Place to add others in family or friends who will vote "yes." Column for checking support or non-support. Two or three lines for comments. Total calls. Total yes votes.	G. Cartsonis	November 25	D. Jaksen
Develop print piece giving reasons, letter from citizens group thanking people for support. Check out costs of bulk mailing.	G. Cartsonis	November 25	D. Jaksen
Send print piece.			
NOTES: 600 people needed to make 12 calls (6 calls per hour) for 2 hours, 3 evenings per week for 8 weeks; each person committed to four weeks--3 evenings or 12 times (86,400 calls). Need 144 calls per person at 600 people, 3 times per week, for 4 weeks.)			

ACTIVITY	RESPONSIBILITY	COMPLETION DATE	ACCOUNTABILITY
<p>Use 4 central locations (DO, OR, AH, RO) with proximity to each other. Check out administrative areas at each location. 76 phones at each location. D. Jaksen, J. Warner, P. Pulliams, and P. Fulton-Calkins to be at one location for 8 weeks. May use G. May also.</p> <p>Serve callers pizza, salad, drinks--check out costs on this.</p> <p>Give buttons to people--"I've got my 50, 100, 150, 200."</p> <p>Accountability: one person at each location each night to call central location to report number of supporters and number of calls made.</p> <p>Number of people needed from each location: DO - 100 AH - 100 RO/SF - 100 HL - 80 OR - 100 Retirees - 50 Student Assoc -70</p> <p>Need person to train callers (C. Bennett?). Training to occur 30 minutes before 1st session of 1st week of each 4-week period.</p> <p>Weeks to call: Dec. 13-15 Jan. 03-05 10-12 17-19 24-26 Jan. 31-Feb. 2 Feb. 07-09 Feb. 14-16 Feb. 21-23</p> <p>Final Calls (33,000): Feb. 28-Mar. 02 Mar. 07-09 Mar. 13-15 Need 300 people, 100 each week, making 11,000 calls per week.</p>			

ACTIVITY	RESPONSIBILITY	COMPLETION DATE	ACCOUNTABILITY
NOTE: Check with Public Sector about making calls at our locations. Suggest we use outside sources--5 places with 60 phones at each place--Chrysler, SOC, Ben Mabock, Bill Roberts, Florine Mark, Henry Saad.			
Student Group: Student plan needs to include the following: Registration of students--when? What can be done in classroom? Mailer to their homes--what must it say?			D. Jaksen
Cable channels--publicity about OCC.	G. Cartsonis		D. Jaksen
Meetings with all superintendents.	P. Fulton-Calkins	8/94 - 9/94	P. Fulton-Calkins
Meeting with mayors and city managers.	P. Fulton-Calkins	10/94 - 11/94	P. Fulton-Calkins
Meetings with townships and villages.	P. Fulton-Calkins	December, 1994	P. Fulton-Calkins
Luncheon/meeting with all legislators in early December. Call F. Cusmano, J. Simmons. G. Cartsonis to send letter of congratulations.	P. Fulton-Calkins	December, 1994	P. Fulton-Calkins
<p>BLUE RIBBON COMMITTEE:</p> <p>Schedule first meeting of Blue Ribbon Committee in mid-December.</p> <p>Role of Blue Ribbon Committee: Advise and endorse. Endorsement: public, assist with business contacts, send letters to individuals who say "yes."</p> <p>Add George Mosher, Bruce McIntyre, Jan Dolan, Shirley Johnson to this committee.</p> <p>Meet with Blue Ribbon Committee once in December, one in January, and once in February. Establish dates at first meeting (Dec. 15). Breakfast? Possibly January 10 and February 15.</p>	P. Fulton-Calkins		P. Fulton-Calkins
Determine Business Plan by middle of December--number of businesses; invite to breakfasts at OR campus on January 4, 11, and 17; invite 8-10 businesses each time; ask that they send out letter to employees; have sample ready for them.	P. Fulton-Calkins		P. Fulton-Calkins
Set up time to talk with Detroit papers--Feb. 1.	P. Fulton-Calkins		P. Fulton-Calkins

ACTIVITY	RESPONSIBILITY	COMPLETION DATE	ACCOUNTABILITY
Determine if random poll of voters should be done to see how we're doing in February.	P. Fulton-Calkins		P. Fulton-Calkins
Memo out to Advisory Committees (Nov. 18) with card of commitment.	P. Fulton-Calkins		P. Fulton-Calkins

/djc
11/14/94



Public Sector Consultants, Inc.

Date: 11/15/94

Please deliver the following page(s) to FAX # 810-471-7544

TO: Marty Bepko/Key Person

FROM: David Embler

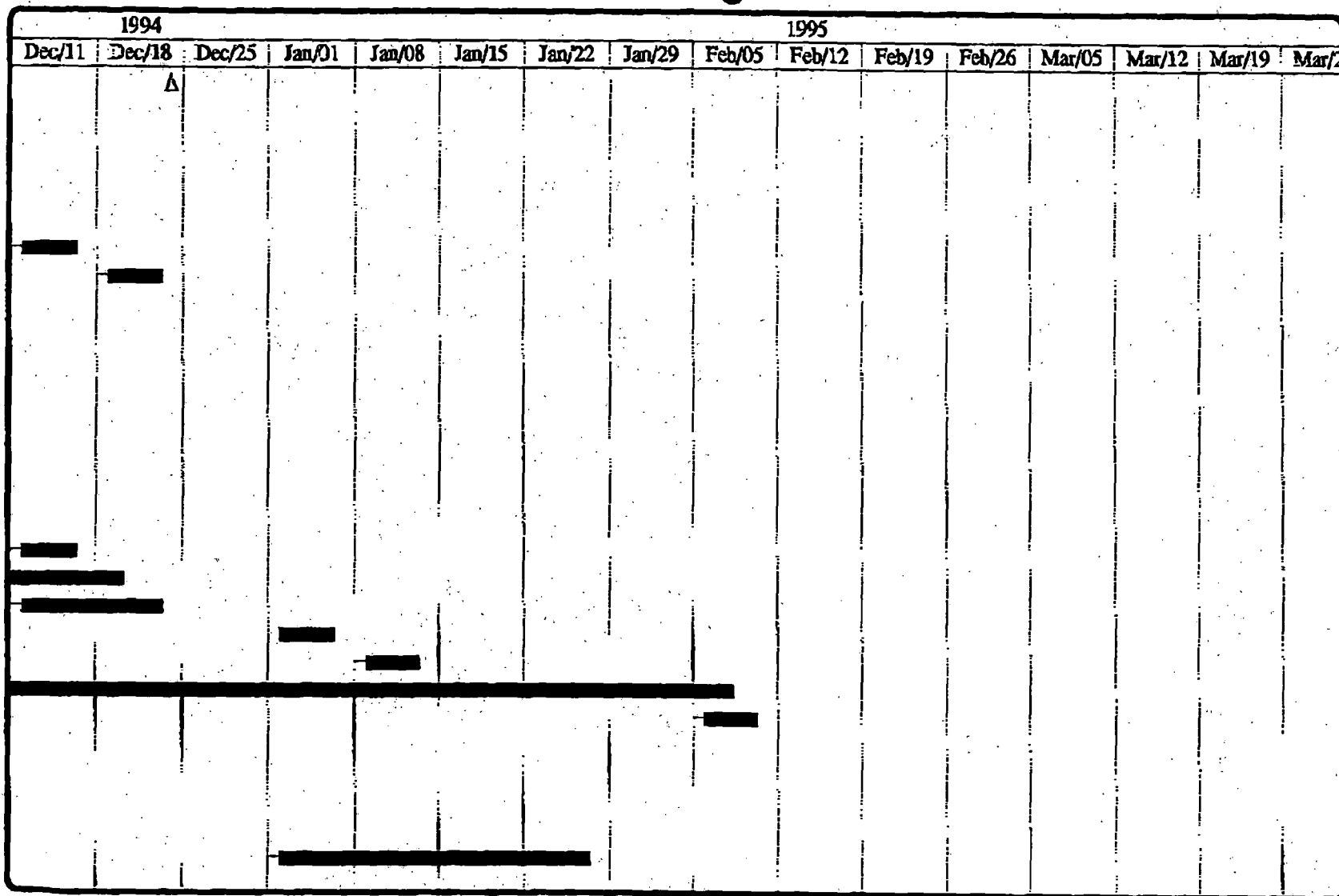
Total number of pages 8 (Including this cover sheet)

RE: Village Comparison Plan; You'll have to
pick this together. Pages 1+2, 3+4, 5+6
go together. Some hard services are
obviously open to adjustment. Will be
in touch after we hear about the meeting.
Thanks.

occmillage.tl

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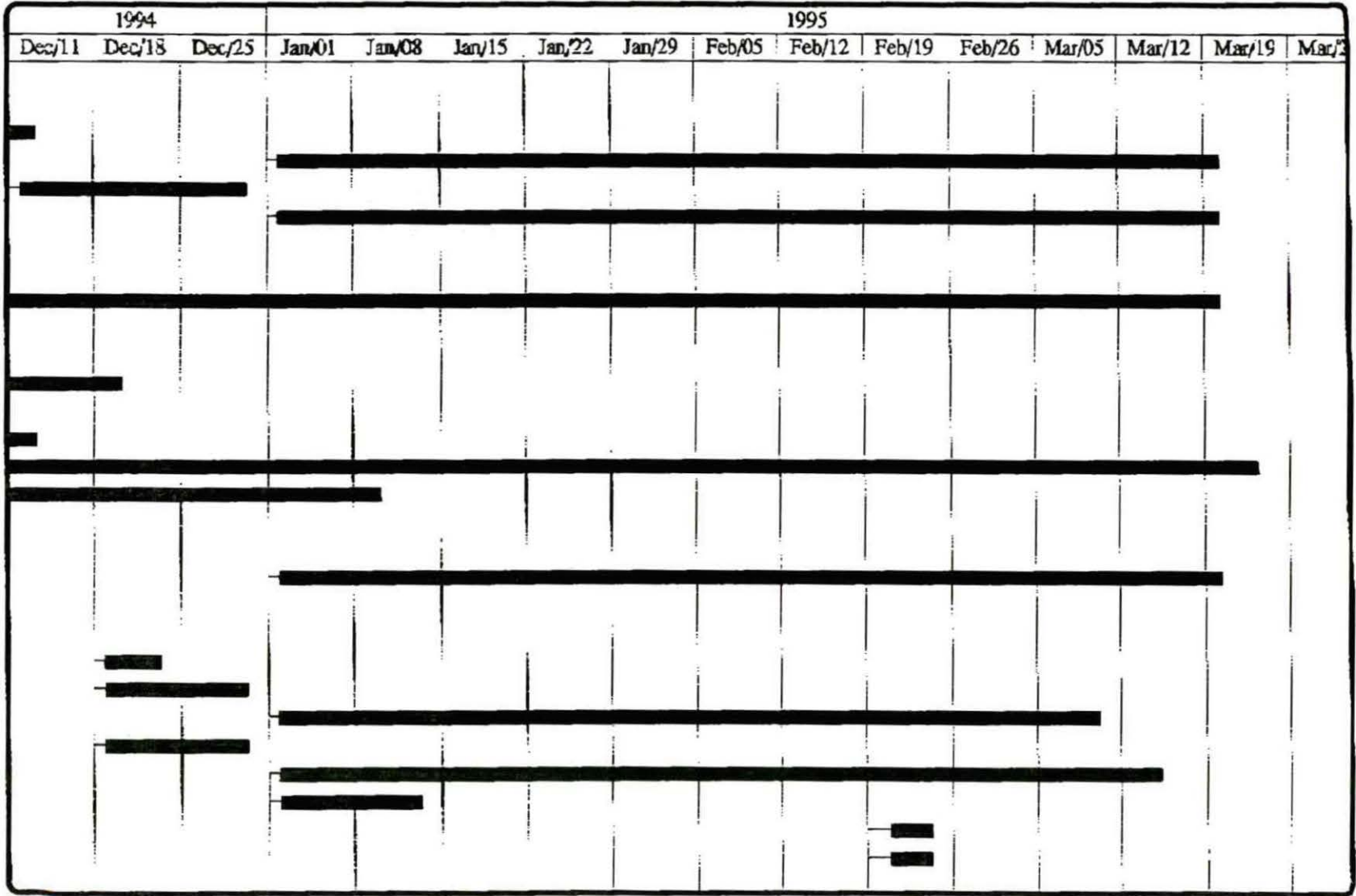
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7. Mail #2					
8. Draft/produce mail piece #3					

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3. Offer extra credit in Government classes for volunteer time on campaign		■	■	■	■

OAKLAND COMMUNITY COLLEGE
Millage Election Planning Meeting
November 15, 1994

Proposed Agenda

1. Candidates for campaign manager
 - a. Jim LaVallee
 - b. Colleen Ochoa

2. Millage campaign plan
 - a. Theme/message development
 - b. Fundraising
 - c. Media contact
 - d. Field
 - e. Voter identification
 - f. Mail/literature
 - g. Absentee voters
 - h. GOTV

3. Follow up steps

THEMES TO TEST FOR MILLAGE

From the Public Opinion and Millage baseline polls we know:

1. Location and cost are major reasons for choosing to attend OCC
2. 28% of the public know nothing about OCC services but 70% know family or friends who have attended.
3. Convenient location was the feature most liked
4. Support for a millage centered on support for education. Opposition centered on opposition to increased taxation/belief tuition should cover costs.
5. Theme of millage should be used for support for students not administrative costs or buildings.

Possible themes developing from this would be:

1. Educational Opportunity/Access to educational opportunity.
2. Job Training
3. Access to technological developments
4. Community service (weak at present, could OCC expand its role?)

Research Activity
Recommendation

Research Activity #1

- a. One-on-one interviews with internal staff who are "non-supporters." Objective: Identify reasons why staff are against the millage. Information gained through these interviews will be valuable in shaping messages, responding to external requests, comments, etc. PSC to conduct interviews with staff from all employee groups (e.g. faculty, adjuncts, classified, management, administrators, part-timers, etc). OCC to provide names and organize meetings.
- b. One-on-one interviews with internal staff who are potential supporters. Objective: Determine how they perceive the priorities and need for the millage. OCC to provide names and organize meetings.
- c. Small group interviews with internal committed "grass root" supporters. Objective: Identify their perspectives on priorities and need for millage.

Note: This series of interviews will identify differences and common ground between the three groups.

Start: October 3, 1994

Completed: October 21, 1994

Cost: \$

Research Activity #2

Three Focus Groups with currently enrolled students. Objective: Determine student perception (image, quality of the college, OCC priorities, etc.). OCC to identify students and arrange meeting. Student participants will be representative of each campus and various demographic groups.

Start: October 3, 1994

Completed: October 21, 1994

Cost: \$

Research Activity #3

Poll of 400 likely alumni voters identified out of the 118,000 currently living in Oakland county. Objective: Identify likely support for millage, and determine what priorities should be. OCC to conduct poll.

Start: October 3, 1994

Completed: October 14, 1994

Cost: Planning & Analysis

Research Activity #4

Based on poll of alumni, PSC to conduct three Focus Groups with likely alumni voters. Objective: testing of theme and messages.

Start: October 17, 1994

Completed: October 28, 1994

Cost:

Research Activity #5

General poll of likely voters. Objective: Test messages and trusted information sources. OCC to conduct poll.

Start: October 31, 1994

Completed: November 11, 1994

Cost: Planning & Analysis

Research Activity
Recommendation

Research Activity #1

- a. One-on-one interviews with internal staff who are "non-supporters." Objective: Identify reasons why staff are against the millage. Information gained through these interviews will be valuable in shaping messages, responding to external requests, comments, etc. PSC to conduct interviews with staff from all employee groups (e.g. faculty, adjuncts, classified, management, administrators, part-timers, etc). OCC to provide names and organize meetings.
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Post-it™ Fax Note	7671	Date	10/5/94	# of pages	3
To	DAN JAKSEN	From	KAY PRINCE		
Co./Dept.	D.O.	Co.	PLANNING & ANALYSIS		
Phone #	4458	Phone #	7746		
Fax #		Fax #	7544		

From : Public Sector Consultants

PHONE No. : 517 484 0599

Oct. 05 1994 1:29PM P01



Public Sector Consultants, Inc.

600 W. St. Joseph • Suite 10 • Lansing, MI 48933-2265
 Telephone: (517) 484-4954 • Facsimile: (517) 484-6549

October 4, 1994

MEMORANDUM

TO: Marty Orłowski and Kay Palmer
FROM: Jon Hansen

SUBJECT: Possible Dates for OCC Millage Interviews and Focus Groups

The following dates are available for us to be able to be in Oakland County. Some of the interviews or focus groups may need to take place at night (or weekends) depending on how things work out. Let's talk about it.

Thanks.

OCTOBER	Hansen	Gruber
10	open	3 -
11	9-3	4 -
12		1 -
13		
14	1 -	
17	open	
18	2 -	
19	1:30 -	
20	1:30 -	open
21		
24		12 -
25		open
26		open
27		open
28		open
31		3 -

NOVEMBER	Hansen	Gruber
1	open	open
2	open	open
3	open	1 -
4	open	open
7	12 -	12 -
8		open
9		open
10	1:30 -	open
11	open	open
14	open	3 -
15	open	open
16	open	open
17	open	open
18	open	open
21	open	open
22	open	open
23		
28	open	open
29	open	open
30		

From : Public Sector Consultants

PHONE No. : 517 484 0599

Oct. 05 1994 1:29PM P01



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12		1 -
13		
14	1 -	
17	open	
18	2 -	
19	1:30 -	
20	1:30 -	open
21		
24		12 -
25		open
26		open
27		open
28		open
31		3 -

NOVEMBER	Hansen	Gruber
1	open	open
2	open	open
3	open	1 -
4	open	open
7	12 -	12 -
8		open
9		open
10	1:30 -	open
11	open	open
14	open	3 -
15	open	open
16	open	open
17	open	open
18	open	open
21	open	open
22	open	open
23		
28	open	open
29	open	open
30		



Public Sector Consultants, Inc.

Date: 9/30/94

Please deliver the following page(s) to FAX # 810 471-7544

TO: Marty Orlowski

FROM: David Gruber

Total number of pages 2 (including this cover sheet)

RE: _____

600 W. St. Joseph • Suite 10 • Lansing, MI 48933-2265
Telephone: (517) 484-4954 • Facsimile: (517) 484-6549

**Oakland Community College
Millage Campaign Research Activity Recommendations
Cost Sheet**

Research Activity #1

Assuming 25 interviews: \$7,750

Research Activities #2 and #4: Focus Groups

Assuming 6 focus groups: \$9,125

Research Activity #3 and #5: Survey Analysis

Two surveys: \$5,125

Travel expenses not to exceed \$500

Total: \$22,500

Costs do not include consulting time relating to strategic planning, campaign organization or message development.

Oakland vs. State percentages

MHA COMMUNITY SURVEY

Hello, I'm calling from Public Sector Consultants in Lansing, Michigan. We are conducting a survey of public perceptions of health care in Michigan. The survey is not being conducted for any candidate or political party.

Are you 18 years of age or older and a resident of Michigan?

Yes Continue
No Terminate

Before we begin, let me tell you that this interview is completely voluntary. Should we come to any question that you don't want to answer, just let me know and we'll go on to the next question.

1. First, I'd like to ask you a question about issues facing your local community. What do you feel is the most important problem facing your community today? (OPEN ENDED)

Statewide

a. Jobs/unemployment	13%	21%
b. Quality of the environment	1%	2%
c. Crime/drugs	20%	24%
d. Streets/highways/transportation	1%	2%
e. Education system	25%	16%
f. Helping the needy	0	2%
g. High property taxes	13%	8%
h. Health care (quality/access/cost)	14%	12%
Don't know/other	12%	15%

2. What is the biggest health problem in your local community? (OPEN ENDED-CODE BELOW)

a. Drugs and alcohol abuse	17%	17%
b. AIDS	6%	4%
c. Pollution	4%	3%
d. Availability of health care services	8%	8%
e. The number of people without health insurance	20%	27%
f. The quality of health care services	4%	5%
Others (offered)	12%	15%
Don't know/refused	27%	20%

3. Do you think that the health care system in your community meets or does not meet the needs of most people in the community you live in?

a. Meets needs	56%	53%
b. Does not meet needs	30%	36%
Don't know/not sure/undecided	12%	11%
Refused/other	1%	1%

4. Do you think that the delivery of health care services in your community works pretty well and requires only minor changes, do you think it requires fundamental changes, or do you think it needs to be completely rebuilt?

a. Only minor changes	47%	44%
b. Fundamental changes	18%	25%
c. Completely rebuilt	22%	20%
Don't know/undecided	9%	9%
Refused/other	3%	2%

The next few questions are about the Clinton health care plan.

5. As you currently understand his proposal, do you generally support or oppose it? If (support/oppose) would that be strongly (support/oppose) or just somewhat (support/oppose)?

a. Strongly support	28%	22%
b. Somewhat support	25%	24%
c. Neutral/undecided/unaware	18%	26%
d. Somewhat oppose	8%	10%
e. Strongly oppose	19%	16%
Refused/other	2%	2%

6. Do you support or oppose the provision in the Clinton health care plan that requires all employers to pay 80 percent of the cost of health insurance for all their employees? If (support/oppose), would that be strongly (support/oppose) or just somewhat (support/oppose)?

a. Strongly support	28%	29%
b. Somewhat support	24%	22%
c. Neutral	8%	15%
d. Somewhat oppose	15%	14%
e. Strongly oppose	20%	17%
Refused/other	5%	4%

7. Do you support or oppose the provision in the Clinton plan that requires every individual to pay 20 percent of the cost of their own health care insurance?

a. Strongly support	27%	32%
b. Somewhat support	31%	30%
c. Neutral	9%	14%
d. Somewhat oppose	12%	9%
e. Strongly oppose	13%	12%
Refused/other	8%	3%

8. To provide health insurance for all citizens, would you prefer to have taxes increased or to reduce your health care benefits to provide benefits to people without health insurance?

a. Increase taxes	39%	47%
b. Reduce health benefits	10%	14%
Depends/undecided/don't know	27%	24%
Refused/other	22%	15%

9. What amount of additional taxes per month, if any, are you willing to pay in order to provide health insurance for all people in your community?
\$_____ (code below)

a. No increase in taxes	36%	37%
b. \$1 to \$10	14%	22%
c. \$11 to \$20	7%	10%
d. \$21 to \$30	6%	4%
e. \$31 to \$50	3%	3%
f. \$51 to \$100	0%	1%
g. \$101 plus	1%	1%
Refused/other	27%	17%

10. If Congress were to enact the president's proposal, do you believe it would improve the health of citizens in your community a great deal, improve it some, make no difference, hurt it some, or hurt it a great deal?

a. Improve a great deal	13%	17%
b. Improve some	34%	34%
c. No difference	28%	19%
d. Hurt some	7%	9%
e. Hurt a great deal	10%	8%
Other	2%	2%
Refused/don't know	6%	10%

The next questions are about health care in your community.

11. The hospital or hospitals in your community provide a number of health services. Using the same grading system used by the schools, please tell me if you believe the local hospital(s) deserve an A for that service, a B, a C, a D or would you give them a failing grade? What grade would you give the hospital(s) for. . .

	A		B		C		D		E/F		DK	
	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %
a. the overall quality of health care?	36	31	38	39	20	20	0	3	1	2	5	4
b. providing prevention programs?	22	20	29	31	23	23	5	6	2	3	18	17
c. providing emergency care?	44	37	35	35	13	16	2	5	2	3	4	5
d. having adequate facilities?	49	40	37	36	11	15	1	3	1	1	2	4
e. having up-to-date technology?	50	37	33	37	8	15	1	3	0	1	6	6
f. meeting the health care needs of the community?	30	25	40	39	14	22	3	5	2	2	11	6

12. Using the same grading system, how would you grade local hospitals on the following policy issues? What grade would you give your local hospital for. . .

	A		B		C		D		E/F		DK	
	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %
a. working with other health providers to hold down costs?	5	9	17	20	21	25	14	12	12	9	31	26
b. providing leadership in changing the health care system?	4	9	18	20	23	26	12	10	5	5	38	30
c. being a good neighbor?	24	26	45	40	18	19	2	3	1	2	10	9

13. In the last three years, have you or any member of your family had difficulty obtaining necessary health care services?

a. Yes	11%	16%
b. No	87%	82%
Don't know/depends	2%	1%
Refused/other	0	0

14. IF YES: Which of the following best describes why you had a difficult time?

a. You didn't have health insurance	5%	7%
b. You couldn't get an appointment with a doctor	1%	2%
c. You didn't have transportation or the care was too far away	0	1%
d. You had to wait too long to see the health care provider	2%	2%
e. You didn't know whom to call	0	1%
Other	2%	5%
Refused/(all nos & DK to Question 13)	42%	46%

15. Have you or a member of your immediate family been a patient at your local hospital during the past three years?

a. Yes	57%	62%
b. No	28%	35%
Refused/other	0	1%

The next few questions are about the future.

16. How likely is it that you or someone in your immediate family will not be able to afford health insurance sometime during the next ten years? Is it very likely, somewhat likely, or not very likely?

a. Very likely	21%	30%
b. Somewhat likely	23%	28%
c. Not very likely	35%	33%
Don't know/undecided	5%	6%
Refused/other	0	1%

17. We are interested in getting an idea of how active citizens are in promoting health care reform. Please tell me if you have or have not done each of the following activities in the past few years? Have you....

	Yes		No		Don't Know	
	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %
a. assessed a politician's position on health care reform and used it to measure your support for him or her?	27	27	71	69	1	3
b. written a letter to your congressman or legislator urging support for or opposition to health care reform?	13	13	85	84	0	1
c. attended a meeting in your community to discuss health care reform?	9	10	90	89	1	1
d. donated money or volunteer time to a local hospital?	16	20	84	78	0	1

18. Using the same list, do you expect to do any of the following during the next year? Do you plan to....

	Yes		No		Don't Know	
	Oak.	St.	Oak.	St.	Oak.	St.
	%	%	%	%	%	%
a. assess a politician's position on health care reform and use it to measure your support for him or her?	45	52	49	38	5	9
b. write a letter to your congressman or legislator urging support for or opposition to health care reform?	38	40	53	48	8	11
c. attend a meeting in your community to discuss health care reform?	35	36	56	52	9	11
d. donate money or volunteer time to a local hospital?	27	30	63	59	9	11

19. Which statement comes closest to describing your views about the role your local hospital should play in changing health care in your community?

a. It should lead in health care reform	23%	23%
b. It should be part of a community team, but not be the leader	59%	56%
c. It should implement the decisions made by others	8%	10%
Don't know/depends	7%	11%
Refused	2%	1%

20. I will now read a list of organizations and individuals. I'm interested in knowing how much confidence you place in the information you receive from each. If you received written information about health care reform from the _____, would you trust or distrust the information? IF (trust/distrust), would that be (trust/distrust) somewhat or (trust/distrust) totally? (ROTATE)

	Trust Totally		Trust Somewhat		Don't Know		Distrust Somewhat		Distrust Totally	
	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %
a. Local hospital	20	21	55	51	5	11	14	12	2	3
b. Local chamber of commerce	12	15	44	46	19	21	15	12	5	4
c. Local labor unions	11	10	40	37	11	17	27	20	9	14
d. Local business leaders	6	8	54	49	11	16	19	19	6	7
e. Your local state legislator	5	7	47	46	10	15	21	20	14	11
f. Local newspaper editor	5	9	51	43	8	14	23	20	11	12
g. Local public health officials	12	16	57	50	11	14	13	13	5	5
h. Blue Cross and Blue Shield of Michigan	16	15	48	43	5	13	20	17	9	10
i. Other insurance companies	4	9	40	42	16	19	28	19	9	10
j. Your family physician	54	51	30	32	5	7	7	6	1	2
k. Your local congressman	5	11	52	46	14	15	18	17	8	10
l. Your employer	20	32	39	42	5	12	8	9	5	5

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	Trust Totally		Trust Somewhat		Don't Know		Distrust Somewhat		Distrust Totally	
	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %	Oak. %	St. %
a. Local hospital	20	21	55	51	5	11	14	12	2	3
b. Local chamber of commerce	12	15	44	46	19	21	15	12	5	4
c. Local labor unions	11	10	40	37	11	17	27	20	9	14
d. Local business leaders	6	8	54	49	11	16	19	19	6	7
e. Your local state legislator	5	7	47	46	10	15	21	20	14	11
f. Local newspaper editor	5	9	51	43	8	14	23	20	11	12
g. Local public health officials	12	16	57	50	11	14	13	13	5	5
h. Blue Cross and Blue Shield of Michigan	16	15	48	43	5	13	20	17	9	10
i. Other insurance companies	4	9	40	42	16	19	28	19	9	10
j. Your family physician	54	51	30	32	5	7	7	6	1	2
k. Your local congressman	5	11	52	46	14	15	18	17	8	10
l. Your employer	20	32	39	42	5	12	8	9	5	5

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Oakland vs. State percentages

PUBLIC OPINION MONITOR



April 1994

Hello, I'm calling from Public Sector Consultants in Lansing, Michigan. We are conducting a survey of public perceptions of Michigan government. The survey is not being conducted for any candidate or political party.

Are you 18 years old or older and a resident of Michigan?

Yes CONTINUE
No TERMINATE

Before we begin, let me tell you that this interview is completely voluntary. Should we come to any question that you don't want to answer, just let me know, and we'll go on to the next question.

1. First, I'd like to ask you a question about issues facing the State of Michigan. What do you think is the most important problem facing the state today? (OPEN ENDED)

Statewide

(1)	a. Jobs/unemployment	14%	16%
	b. Environment	0	0
	c. Crime/drugs	34%	30%
	d. Taxes/balancing the budget	23%	15%
	e. Education	24%	22%
	f. Helping the needy	1%	1%
	g. Property taxes	2%	2%
	h. Health care	2%	4%
	Other/don't know/refused	0	0

2. Do you believe the country is generally headed in the right direction or has it gotten off track seriously and is headed in the wrong direction?

(2)	a. Right direction	37%	35%
	b. Wrong track	48%	49%
	Don't know/undecided	14%	14%
	Refused/other	1%	2%

3. Do you believe Michigan is generally headed in the right direction, or has it gotten off track seriously and is headed in the wrong direction?

(3)	a. Right direction	41%	45%
	b. Wrong track	40%	37%
	Don't know/undecided	18%	17%
	Refused/other	1%	1%

4. To what extent do you approve or disapprove of the way Bill Clinton is handling his job as president of the United States? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

a. Strongly approve	22%	18%
b. Somewhat approve	30%	34%
c. Somewhat disapprove	22%	19%
d. Strongly disapprove	22%	23%
Don't know/neutral/undecided	5%	6%
Refused to answer/other	0	1%

5. Generally speaking, to what extent do you approve or disapprove of the way John Engler is handling his job as Michigan's governor? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

a. Strongly approve	19%	17%
b. Somewhat approve	27%	35%
c. Somewhat disapprove	25%	20%
d. Strongly disapprove	19%	21%
Don't know/neutral/undecided	11%	7%
Refused to answer/other	0	1%

The next few questions are about health care reform.

6. In September President Clinton proposed major changes in the nation's health care system. As you understand his proposal, do you support or oppose it? If (support/oppose), would that be strongly (support/oppose) or just somewhat (support/oppose) his plan?

a. Strongly support	19%	17%
b. Somewhat support	22%	25%
c. Somewhat oppose	22%	16%
d. Strongly oppose	23%	28%
Don't know/neutral/undecided	15%	13%
Refused/other	0	1%

7. Do you think that the delivery of health care services in Michigan works pretty well and requires only minor changes, do you think it requires fundamental changes, or do you think it needs to be completely rebuilt?

a. Only minor changes	33%	35%
b. Fundamental changes	30%	33%
c. Completely rebuild	25%	20%
Don't know/undecided	11%	9%
Refused/other	1%	2%

8. Now I'd like to read you statements about health care reform. As I read each one, please tell me to what extent you agree or disagree. If (agree/disagree), would that be strongly (agree/disagree) or just somewhat (agree/disagree)?

	Strongly Agree		Somewhat Agree		Somewhat Disagree		Strongly Disagree		Don't Know	
	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.
	a. Government has a moral responsibility to provide health care services for people who can't afford it.	32%	34%	32%	35%	14%	16%	19%	12%	3%
(9) b. I worry about whether I will be able to afford health care insurance in the future.	26%	38%	32%	23%	18%	21%	20%	15%	4%	2%
(10) c. Health care consumers are to blame for many of the problems in our health care system.	18%	17%	32%	31%	25%	22%	18%	21%	7%	9%
(11) d. I trust government to design a good health care system that will be an improvement over the present system.	14%	14%	30%	28%	13%	16%	31%	36%	12%	6%
e. I worry that a pre-existing health condition of mine or someone in my family may prevent me from getting health insurance.	15%	23%	17%	21%	24%	25%	29%	25%	16%	6%

9. Assuming some tax increase will be needed to pay for health insurance for people without health insurance, please tell me if you support or oppose the following tax? If (support/oppose), would that be strongly (support/oppose) or just somewhat (support/oppose)? Do you support or oppose...

(13) a. A 4 percent tax on tickets to entertainment events.		
Strongly support	27%	30%
Somewht support	27%	28%
Neutral	15%	8%
Somewhat oppose	18%	17%
Strongly oppose	13%	15%
Refused/other	0	2%

(14)

b. A tax on hospital and physician services.

Strongly support	6%	4%
Somewhat support	17%	13%
Neutral	11%	10%
Somewhat oppose	33%	28%
Strongly oppose	33%	44%
Refused/other	0	2%

(15)

c. An increase in the personal income tax.

Strongly support	10%	7%
Somewhat support	25%	17%
Neutral	12%	8%
Somewhat oppose	27%	24%
Strongly oppose	25%	42%
Refused/other	2%	2%

(16)

d. An increase in alcohol taxes.

Strongly support	48%	51%
Somewhat support	22%	17%
Neutral	10%	6%
Somewhat oppose	7%	11%
Strongly oppose	14%	13%
Refused/other	0	1%

(17)

e. A 25-cent tax on video rentals.

Strongly support	29%	29%
Somewhat support	25%	24%
Neutral	11%	7%
Somewhat oppose	20%	18%
Strongly oppose	15%	21%
Refused/other	0	1%

10. Do you believe the federal government should require employers to pay for all of the cost of health insurance for their employees, pay most of the cost, with the employees paying some of the cost, or should government not require employers to provide health insurance?

(18)

a. Pay all	17%	14%
b. Pay part	53%	62%
c. Not required to provide insurance	22%	16%
Don't know/undecided	9%	6%
Refused/other	0	2%

11. Health care costs have increased substantially in recent years. In order to limit future increases, do you prefer that the government... (ROTATE OPTIONS)

(19)	a. create a system of monitoring prices and establishing limits on increases?	17%	29%
	b. set health care prices?	18%	16%
	c. create more competition among health care providers?	35%	32%
	Don't know/undecided	24%	15%
	Refused/other	7%	7%

12. Which statement comes closest to reflecting your views about the extent of government involvement in the way health care is provided. Do you believe...

(20)	a. little change is needed in the present system?	20%	21%
	b. government should take over the system?	13%	9%
	c. government should oversee competition among private health care systems?	45%	50%
	Don't know/undecided	17%	13%
	Refused/other	6%	7%

13. Four options for health care reform are presently being debated in Washington and Lansing. Which of the four options do you prefer?

(21)	a. Plan A keeps the current system	10%	10%
	b. Plan B requires employers to offer but not pay for health insurance for their employees. Low-income individuals would be given tax breaks for the cost of insurance.	16%	17%
	c. Plan C guarantees coverage for all citizens, uses government regulation to set prices, and is paid for by taxes.	20%	17%
	d. Plan D guarantees coverage, uses regulation and competition to hold down prices, and requires employers and employees to contribute to the cost of insurance.	40%	44%

As you understand the four options, which one do you prefer—Plan A, B, C, or D? Would you like me to repeat the options?

	None of the above	3%	3%
	Don't know/undecided	12%	8%
	Refused/other	0	2%

14. Are you employed or currently looking for work? IF YES: Is employer-provided health insurance a very significant, somewhat significant, or of little significance in considering new job opportunities?

(22)	a. Very significant	41%	38%
	b. Somewhat significant	18%	13%
	c. Not significant	12%	12%
	Other/don't know/refused (including not employed)	28%	35%

The next questions are about the 1994 elections.

15. Do you think that Governor Engler has performed his job as Governor well enough to deserve reelection, or do you think it's time to give a new person the chance to do better?

(23)	a. Reelect	36%	36%
	b. Depends	21%	17%
	c. Vote for someone else	34%	36%
	Don't know/other	9%	10%

16. Using the same grading system used by the schools, what grade would you give Governor Engler for the following activities? Does the governor earn an A, B, C, D, or failing grade for...

	A		B		C		D		F		Other			
	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.		
(24)	a.	working hard for his beliefs?	33%	30%	32%	36%	19%	19%	6%	5%	3%	3%	7%	7%
(25)	b.	keeping his campaign promises?	5%	10%	33%	28%	36%	30%	11%	11%	7%	9%	8%	11%
(26)	c.	being compassionate and caring?	10%	11%	28%	25%	28%	29%	11%	10%	15%	16%	8%	8%
(27)	d.	working to reduce the threat of crime?	3%	5%	21%	20%	37%	31%	20%	18%	11%	16%	9%	9%
	e.	improving the quality of the education system?	9%	8%	13%	22%	31%	29%	21%	17%	18%	17%	9%	7%
(29)	f.	improving the funding of the education system?	8%	10%	23%	23%	20%	25%	17%	14%	25%	20%	9%	8%
(30)	g.	fighting to keep taxes low as possible?	12%	12%	25%	26%	26%	26%	20%	15%	13%	15%	5%	6%
(31)	h.	improving the social service system?	12%	9%	20%	20%	25%	26%	14%	13%	15%	17%	16%	16%
(32)	i.	Working for health care reform?	7%	5%	18%	18%	36%	32%	9%	13%	9%	10%	22%	22%

Last month, voters approved Proposal A, which increased the sales tax from 4 to 6 percent to pay for reduced property taxes.

17. As you understand the effect of the passage of Proposal A, do you expect your total taxes to increase, stay the same as last year, or decrease?

(33)	a. Increase	42%	40%
	b. Stay the same	27%	25%
	c. Decrease	27%	28%
	Refused/don't know	3%	6%
	Other	0	1%

18. Thinking about the governor's role in the passage of Proposal A, which statement comes closest to reflecting your thoughts?

a. I appreciate the governor's efforts to offer voters the chance to adopt a sales tax instead of the income tax plan adopted by the legislature	28%	35%
b. I believe the governor manipulated the system so that we had to choose between two bad options.	59%	43%
c. I preferred the income tax plan.	6%	5%
d. I preferred the system the way it was	4%	7%
Don't know/undecided/didn't vote	3%	7%
Refused/other	0	2%

19. How much of the time do you think you can trust state government to do what is right?

a. Just about always	4%	5%
b. Some of the time	50%	55%
c. Not very often	43%	38%
Refused/other	3%	2%

20. When state government leaders make statements to Michigan citizens on television or in the newspapers, how much of the time do you think they are telling the truth?

a. Just about always	10%	5%
b. Some of the time	48%	55%
c. Not very often	40%	38%
Refused/other	2%	2%

21. Do you think the people we elect to state offices usually try to keep the promises they have made during the election, or do they forget those promises once the election is over?

a. Yes—They try to keep their promises	49%	35%
b. No—They forget about their promises	42%	56%
Refused/other	9%	8%

22. We also are interested in how people's living situations may have changed. Looking into the future, how do you think your financial situation will be next year compared to your financial situation now? Will it be better or worse next year at this time?

(53)

a. Better	32%	28%
b. Worse	23%	22%
c. Same	42%	48%
No opinion/refused	3%	2%

23. The next few questions ask about your expectations of Michigan's future. Each of the following questions concerns a specific problem facing Michigan. Please tell me if you believe Michigan will be better or worse off a year from now regarding that particular problem?

(54)

	Better		Worse		Same		Don't Know	
	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.
a. Will job opportunities be better, worse, or about the same as they are today?	49%	34%	23%	20%	23%	40%	6%	6%
b. Will race relations be better, worse, or about the same as they are today?	26%	20%	20%	25%	44%	48%	10%	6%
c. Will the quality of health care be better, worse, or about the same as it is today?	21%	21%	24%	17%	46%	53%	10%	8%
d. Will the quality of public education be better, worse, or about the same as it is today?	24%	26%	28%	25%	37%	42%	11%	7%

(55)

(57)

Now I would like to ask you a few questions for statistical purposes only.

24. In the last general election in which you voted, which of the following best describes how you voted? (READ CHOICES 1 THROUGH 7)

(58)

a. Straight Democratic	16%	15%
b. Mostly Democratic	11%	14%
c. For a few more Democrats than Republicans	10%	8%
d. About equally for both parties	16%	19%
e. For a few more Republicans than Democrats	12%	9%
f. Mostly Republican	10%	16%
g. Straight Republican	16%	9%
Other/don't know/depends	7%	7%
Refused	4%	4%

25. What is your age as of your last birthday?

a. <25	6%	5%
b. 25-34	21%	16%
c. 35-44	25%	24%
d. 45-54	19%	17%
e. 55-64	13%	15%
f. 65-74	12%	15%
g. 75+	5%	6%
Refused/other	1%	1%

(60-62) 26. What county do you live in? (ENTER CODE NUMBER FOR COUNTY)

(63-67) 27. What is your zip code? _____

28. In what type of community do you live? Would you say you live in a large city, a suburban area, a small city or town, or a rural area?

(68)

a. Detroit	1%	12%
b. Other large city	10%	11%
c. Suburban area	76%	37%
d. Small town or city	12%	25%
e. Rural/village area	0	15%
Refused/other	0	0

29. How would you describe your main ethnic or racial background? (CIRCLE RESPONSE)

(69)

a. Black/African-American	5%	11%
b. White/Caucasian	92%	85%
c. Asian/Pacific Islander	2%	1%
d. Hispanic	0	1%
e. Native American/American Indian	1%	1%
Other: (specify)	0	1%
Refused to answer/other	0	0

30. To get a picture of people's financial situations, we need to know the general range of income of all the households we interview. Now, thinking about your household's total annual income from all sources, please tell me the letter that most closely corresponds to your total household income:

(70)

a. Less than \$10,000	1%	8%
b. \$10,000-19,000	7%	14%
c. \$20,000-34,000	21%	20%
d. \$35,000-49,000	23%	22%
e. \$50,000-59,000	9%	9%
f. \$60,000-69,000	6%	5%
g. More than \$69,000	20%	10%
Other/refused to answer	14%	11%

31. Do you presently have children in the K-12 public school system?

(71)

a. Yes	25%	27%
b. No	74%	71%
Refused/other	1%	1%

32. INTERVIEWERS: CODE RESPONDENT'S SEX HERE. DO NOT ASK.

(72)

a. Male	51%	51%
b. Female	49%	49%

That completes our survey. Thank you for the interview.

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PUBLIC OPINION MONITOR



December 2-8, 1993

Hello, I'm calling from Public Sector Consultants in Lansing, Michigan. We are conducting a survey of public perceptions of Michigan government. The survey is not being conducted for any candidate or political party.

Are you 18 years old or older and a resident of Michigan?

Yes CONTINUE
No TERMINATE

Before we begin, let me tell you that this interview is completely voluntary. Should we come to any question that you don't want to answer, just let me know, and we'll go on to the next question.

1. First, I'd like to ask you a question about issues facing the State of Michigan. What do you think is the most important problem facing the state today? (OPEN ENDED)

Statewide

Table with 3 columns: Question, Michigan %, Statewide %. Rows include Jobs/unemployment (26% vs 21%), Environment (5% vs 2%), Crime/drugs (20% vs 21%), Taxes/balancing the budget (21% vs 14%), Education (17% vs 32%), Help the needy (3% vs 4%), Property tax (5% vs 2%), Health care (3% vs 3%).

2. Do you believe the country is generally headed in the right direction, or has it gotten off track seriously and is headed in the wrong direction?

Table with 3 columns: Question, Michigan %, Statewide %. Rows include Right direction (40% vs 36%), Wrong track (48% vs 52%), Don't know/undecided (12% vs 10%), Refused/other (0 vs 1%).

3. To what extent do you approve or disapprove of the way Bill Clinton is handling his job as president of the United States? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

Table with 3 columns: Question, Michigan %, Statewide %. Rows include Strongly approve (15% vs 13%), Somewhat approve (38% vs 40%), Somewhat disapprove (24% vs 20%), Strongly disapprove (18% vs 19%), Don't know/neutral/undecided (4% vs 7%), Refused to answer/other (0 vs 0).

4. To what extent do you approve or disapprove of the job the United States Congress is doing? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

(4)	a. Strongly approve	5%	2%
	b. Somewhat approve	33%	27%
	c. Somewhat disapprove	37%	31%
	d. Strongly disapprove	23%	31%
	Don't know/neutral/undecided	3%	9%
	Refused to answer/other	0	0

5. Generally speaking, to what extent do you approve or disapprove of the way John Engler is handling his job as Michigan's governor? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

(5)	a. Strongly approve	15%	12%
	b. Somewhat approve	39%	32%
	c. Somewhat disapprove	25%	23%
	d. Strongly disapprove	16%	25%
	Don't know/neutral/undecided	3%	8%
	Refused to answer/other	1%	0

6. To what extent do you approve or disapprove of the job the state legislature is doing? Would you say you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove?

(6)	a. Strongly approve	13%	5%
	b. Somewhat approve	37%	33%
	c. Somewhat disapprove	29%	26%
	d. Strongly disapprove	8%	18%
	Don't know/neutral/undecided	14%	18%
	Refused to answer/other	0	0

The next few questions are about health care reform.

7. In September President Clinton proposed major changes in the nation's health care system. As you understand this proposal, do you support or oppose it? If (support/oppose), would that be strongly (support/oppose) or just somewhat (support/oppose) his plan?

(7)	a. Strongly support	22%	15%
	b. Somewhat support	26%	32%
	c. Somewhat oppose	23%	14%
	d. Strongly oppose	18%	24%
	Don't know/neutral/undecided	10%	14%
	Refused/other	0	0

8. The president's health care reform proposal attempts to accomplish a number of things. Which one of the following goals is most important to you and your family?

a. Guaranteeing access to health care services.	20%	16%
b. Providing security against loss of health care insurance.	13%	16%
c. Protecting against catastrophic health care expenses due to major sicknesses	13%	16%
d. Reducing the overall cost of health care.	31%	32%
Combinations	14%	15%
Don't know/other	9%	6%

9. Medicare presently provides health insurance for people over age 65. Should Medicare recipients be included in national or state health care reform plans or should they remain in separate Medicare programs?

a. Included	38%	41%
b. Remain	46%	45%
Refused	16%	13%

10a. Which of the following two do you prefer to manage the delivery of health care?

a. The private sector	66%	67%
b. Government	17%	18%
Refused/other	16%	15%

10b. The president has proposed the creation of large purchasing groups for insurance coverage called health alliances. Do you prefer these purchasing alliances to be a government agencies or nonprofit organizations with a citizen board?

a. Government agency	6%	11%
b. Non-profit organization	68%	74%
Refused/other	26%	15%

11. To what extent do you support or oppose the following tax increases if the money were to be used to insure health insurance for all Michigan residents? Do you support or oppose _____? If (support/oppose) would that be strongly (support/oppose) or just somewhat (support/oppose)?

	Strongly Support		Somewhat Support		Somewhat Oppose		Strongly Oppose		Refused	
	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.
(12) a. Increasing the cigarette tax by a dollar a pack	30%	46%	29%	20%	17%	13%	19%	18%	5%	3%
(13) b. Increasing the tax on hard liquor by \$1 per fifth	29%	49%	30%	22%	15%	12%	21%	13%	5%	3%
(14) c. Increasing the tax on beer by 10 cents per can.	30%	47%	25%	24%	18%	12%	22%	15%	5%	2%
d. Implementing a tax on videotape rentals of 25 cents per rental.	16%	23%	23%	23%	23%	17%	29%	32%	8%	5%

12. Do you support or oppose a tax increase of \$10 per month per person if the yield from the tax will guarantee coverage and access to health care services for you and your family as well as people without any insurance. If (support/oppose) would that be strongly (support/oppose) or just somewhat (support/oppose)?

(16)	a. Strongly support	21%	19%
	b. Somewhat support	33%	28%
	c. Somewhat oppose	20%	16%
	d. Strongly oppose	24%	27%
	Don't know/other	2%	10%
	Refused	0	1%

13. Do you believe Congress should enact health care reform before the 1994 elections?

(17)	a. Pass it now	32%	52%
	b. Wait	32%	30%
	Don't know/don't care	19%	12%
	Refused/other	17%	7%

The next questions are about changing the way Michigan schools are financed and run.

14. Were you aware or unaware of the legislation passed this summer eliminating all property taxes for financing the operation of local schools?

	a. Aware	84%	86%
	b. Unaware	6%	11%
	Don't know	9%	2%
	Refused	1%	1%

15. This legislation is known as Senate Bill 1. Senate Bill 1 reduced property taxes by over \$6 billion. Schools no longer have local property taxes to pay for their operations. Responsibility for funding will be shifted to the state. The legislature is currently in the process of determining how to replace all or part of the revenue.

Do you believe it was a good or a bad idea to eliminate property taxes first and worry about replacing the lost revenue later? If (good/bad), would that be a very (good/bad) idea or just a somewhat (good/bad) idea?

(19)	a. Very good idea	17%	18%
	b. Somewhat good idea	27%	15%
	c. Somewhat bad idea	25%	22%
	d. Very bad idea	27%	38%
	Don't know/undecided	3%	6%
	Refused	1%	0

16. There is currently a proposal to repeal this law. Adoption of the proposal will reenact the previous system of funding public schools. Do you favor or oppose repealing Senate Bill 1? If (favor/oppose), would that be strongly (favor/oppose) or just somewhat (favor/oppose)?

(20)	a. Strongly favor	13%	19%
	b. Somewhat favor	26%	17%
	c. Somewhat oppose	32%	21%
	d. Strongly oppose	21%	30%
	Neutral/no opinion/don't know	8%	13%
	Refused/other	0	1%

17. Governor Engler recently presented his plan for changing the way public schools are financed and how they are run. As you understand his proposal, do you generally support or oppose it? If (support/oppose), would that be strongly (support/oppose) or just somewhat (support/oppose)?

(21)	a. Strongly support	19%	11%
	b. Somewhat support	31%	24%
	c. Somewhat oppose	17%	16%
	d. Strongly oppose	12%	21%
	Don't know/neutral/undecided	20%	28%
	Refused/other	1%	0

18. I will now read different ideas that the legislature and governor are considering. After each, please tell me if you believe _____ is a good idea or bad idea?

	Good Idea		Bad Idea		Undecided		
	Oak.	St.	Oak.	St.	Oak.	St.	
(22)	a. Allowing parents to choose their child's public school regardless of where they live	29%	45%	57%	45%	14%	10%
(23)	b. Receiving a report card on each school describing test scores, expenditures, and programs	72%	79%	13%	14%	15%	7%
(24)	c. Allowing people without college training in education to teach classes	25%	25%	57%	62%	18%	14%
(25)	d. Creating "charter schools," where public agencies other than schools could start their own schools with funds from the state	29%	28%	47%	53%	24%	19%
(26)	e. Giving teachers more authority in setting school building budgets and policies	35%	52%	45%	36%	20%	12%
(27)	f. Having the state set course requirements for each grade level and subject	55%	63%	16%	22%	29%	15%

19. Do you agree or disagree with the following statements about school reform? If (agree/disagree), would that be strongly (agree/disagree) or just somewhat (agree/disagree)?

(28)

(29)

(30)

(31)

	Strongly Agree		Somewhat Agree		Somewhat Disagree		Strongly Disagree		Refused	
	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.
a. I trust the governor and the legislature to find a good way to finance the schools now that it has been decided that property taxes are going to be reduced dramatically.	10%	13%	39%	31%	26%	24%	24%	27%	1%	4%
b. The public schools in my community need to be changed drastically.	9%	20%	28%	26%	29%	29%	30%	20%	5%	5%
c. Increased competition among the schools will improve public schools significantly.	19%	26%	49%	35%	20%	22%	5%	11%	7%	7%
d. Teacher unions have kept Michigan schools from improving.	3%	24%	21%	22%	31%	29%	15%	16%	0	9%

20. As the legislature considers how to finance schools, do you believe it should set tax levels to provide more money for the schools than they have now, set taxes only to replace the more than \$6 billion in lost revenue, or provide for a reduction in taxes?

(32)

a. Increase	26%	25%
b. Same	45%	45%
c. Decrease	14%	13%
Don't know	6%	7%
Depends	9%	8%
Refused/other	0	1%

21. Which one of the following goals do you feel is most important for the legislature to achieve as it considers school reform? (ROTATE)

(33)

a. Providing parents a choice in the school their children attend	10%	8%
b. Ensuring greater equity among school districts in the resources available	33%	29%
c. Improving the quality of education in your community	16%	32%
d. Providing for a tax reduction	13%	9%
e. Protecting the current quality of education in your community	21%	16%
Other (offered)	3%	3%
Don't know/other	4%	3%

22. In the past few days a bipartisan group of legislators has announced agreement on a proposed method of financing schools. The bipartisan plan offers two tax options. One option includes an increase in the income tax from 4.6 percent to 6 percent. This would provide for a 33 percent reduction in property tax rates. This option is to be enacted by the legislature without a vote of the people.

The second option is to increase the income tax from 4.6 percent to 5.3 percent and the sales tax from 4 percent to 6 percent. This would provide for a 45 percent reduction in property tax rates. This option requires a vote of the people.

Do you prefer option 1, option 2, or neither tax options?

(34)	a. Prefer option 1	19%	17%
	b. Prefer option 2	35%	50%
	c. Prefer neither or another option	31%	24%
	Undecided/don't know/refused/other	15%	9%

3. Do you support or oppose a constitutional amendment allowing the death penalty for the most heinous crimes?

(35)	a. Support	63%	69%
	b. Oppose	26%	23%
	Refused	11%	8%

The next set of questions are about the quality of life in Michigan and your community.

24. How would you rate your personal quality of life at the present time? Would you say that it is excellent, good, just fair, or poor?

(36)	a. Excellent	38%	26%
	b. Good	42%	52%
	c. Just fair	18%	15%
	d. Poor	1%	6%
	Don't know/other	0	1%
	Refused	0	0

25. I am going to read a list of factors that affect the quality of life in your part of Michigan. Please tell me if the factor I read is a positive or negative aspect of living in your community. If (positive/negative), would that be very (positive/negative) or just a little (positive/negative)? (ROTATE)

		Very Positive		Positive		Neutral		Negative		Very Negative		Don't Know	
		Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.	Oak.	St.
(37)	a. Job opportunities	13%	9%	32%	35%	17%	11%	21%	29%	13%	13%	3%	3%
(38)	b. The K-12 education system	29%	17%	49%	45%	13%	11%	10%	17%	0	5%	0	4%
(39)	c. Personal and family safety	45%	26%	38%	50%	10%	7%	7%	13%	0	3%	0	1%
(40)	d. Access to cultural activities	44%	23%	37%	44%	11%	9%	5%	14%	0	5%	4%	4%
(41)	e. Recreational activities	40%	29%	40%	47%	9%	6%	8%	10%	0	4%	3%	2%
(42)	f. The health care system	21%	22%	41%	46%	12%	9%	15%	15%	8%	5%	1%	3%
(43)	g. The quality of your neighborhood	44%	32%	42%	50%	13%	7%	1%	8%	0	2%	0	0

26. We are interested in learning your attitudes toward state government in general.

a. How much of the time do you think you can trust state government to do what is right?

Just about always	11%	7%
Some of the time	46%	60%
Not very often	42%	33%
Refused/other	1%	1%

b. When state government leaders make statements to Michigan citizens on television or in the newspapers, how much of the time do you think they are telling the truth?

Just about always	9%	8%
Some of the time	55%	58%
Not very often	36%	33%
Refused/other	1%	1%

c. Do you think the people we elect to state offices usually try to keep the promises they have made during the election, or do they forget those promises once the election is over?

Yes—They try to keep their promises	28%	32%
No—They forget about their promises	56%	60%
Refused/other	16%	8%

27. We also are interested in how people's living situations may have changed. Looking into the future, how do you think your financial situation will be next year compared to your financial situation now? Will it be better or worse next year at this time?

(47)	a. Better	37%	30%
	b. Worse	20%	21%
	c. Same	40%	47%
	No opinion/refused	3%	2%

Now I would like to ask you a few questions for statistical purposes only.

28. In the last general election in which you voted, which of the following best describes how you voted? (READ CHOICES 1 THROUGH 7))

(48)	a. Straight Democratic	13%	13%
	b. Mostly Democratic	16%	16%
	c. For a few more Democrats than Republicans	11%	8%
	d. About equally for both parties	18%	23%
	e. For a few more Republicans than Democrats	12%	11%
	f. Mostly Republican	13%	12%
	g. Straight Republican	12%	10%
	Other/don't know/depends	3%	4%
	Refused	3%	3%

29. What is your age as of your last birthday?

(49)	a. <25	7%	7%
	b. 25-34	20%	15%
	c. 35-44	31%	24%
	d. 45-54	15%	17%
	e. 55-64	13%	16%
	f. 65-74	11%	14%
	g. 75+	2%	6%
	Refused/other	1%	1%

30. What county do you live in? (ENTER CODE NUMBER FOR COUNTY) _____

31. What is your zip code? _____

32. In what type of community do you live? Would you say you live in a large city, a suburban area, a small city or town, or a rural area?

(56)	a. Detroit	8%	9%
	b. Other large city	14%	13%
	c. Suburban area	68%	39%
	d. Small town or city	6%	24%
	e. Rural/village area	4%	13%
	Refused/other	0	0

33. How would you describe your main ethnic or racial background? (CIRCLE RESPONSE)

a. Black/African-American	12%	12%
b. White/Caucasian	82%	83%
c. Asian/Pacific Islander	6%	3%
d. Hispanic	0	1%
e. Native American/American Indian	0	1%
Other: (specify)	0	1%
Refused to answer/other	1%	0

34. What is the last year of school that you completed?

a. Grade school only	8%	3%
b. Did not finish high school	5%	9%
c. High school diploma or GED	23%	28%
d. Vocational or technical school	6%	8%
e. Some college	13%	22%
f. College graduate (BS, BA)	29%	18%
g. Postgraduate work	5%	4%
h. Graduate or professional degree (PhD, MD, DO, MA, MBA, etc.)	12%	7%
Don't know/refused to answer	1%	0

35. To get a picture of people's financial situation, we need to know the general range of income of all the households we interview. Now, thinking about your household's total annual income from all sources, please tell me the letter that most closely corresponds to your total household income:

a. Less than \$10,000	2%	9%
b. \$10,000-19,000	13%	16%
c. \$20,000-34,000	17%	22%
d. \$35,000-49,000	22%	19%
e. \$50,000-59,000	6%	10%
f. \$60,000-69,000	4%	5%
g. More than \$69,000	17%	9%
Other/refused to answer	18%	10%

36. Do you presently have children in the K-12 public school system?

a. Yes	45%	35%
b. No	52%	64%
Refused/other	3%	1%

37. INTERVIEWERS: CODE RESPONDENT'S SEX HERE. DO NOT ASK.

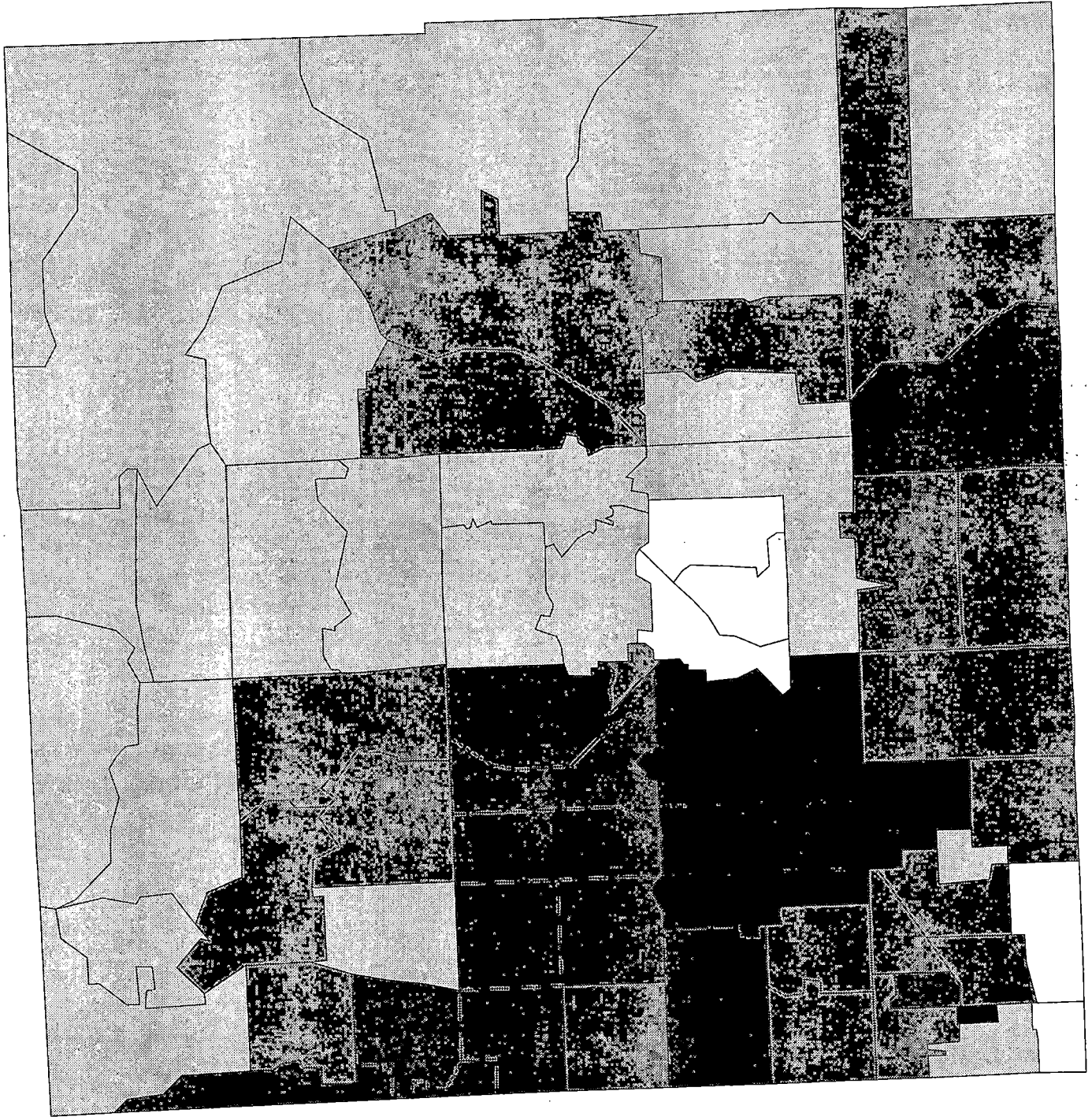
a. Male	56%	52%
b. Female	43%	48%

This is all the questions I have for you. Thank you for the interview.

Oakland County

College Education
Percent - Some College and Above

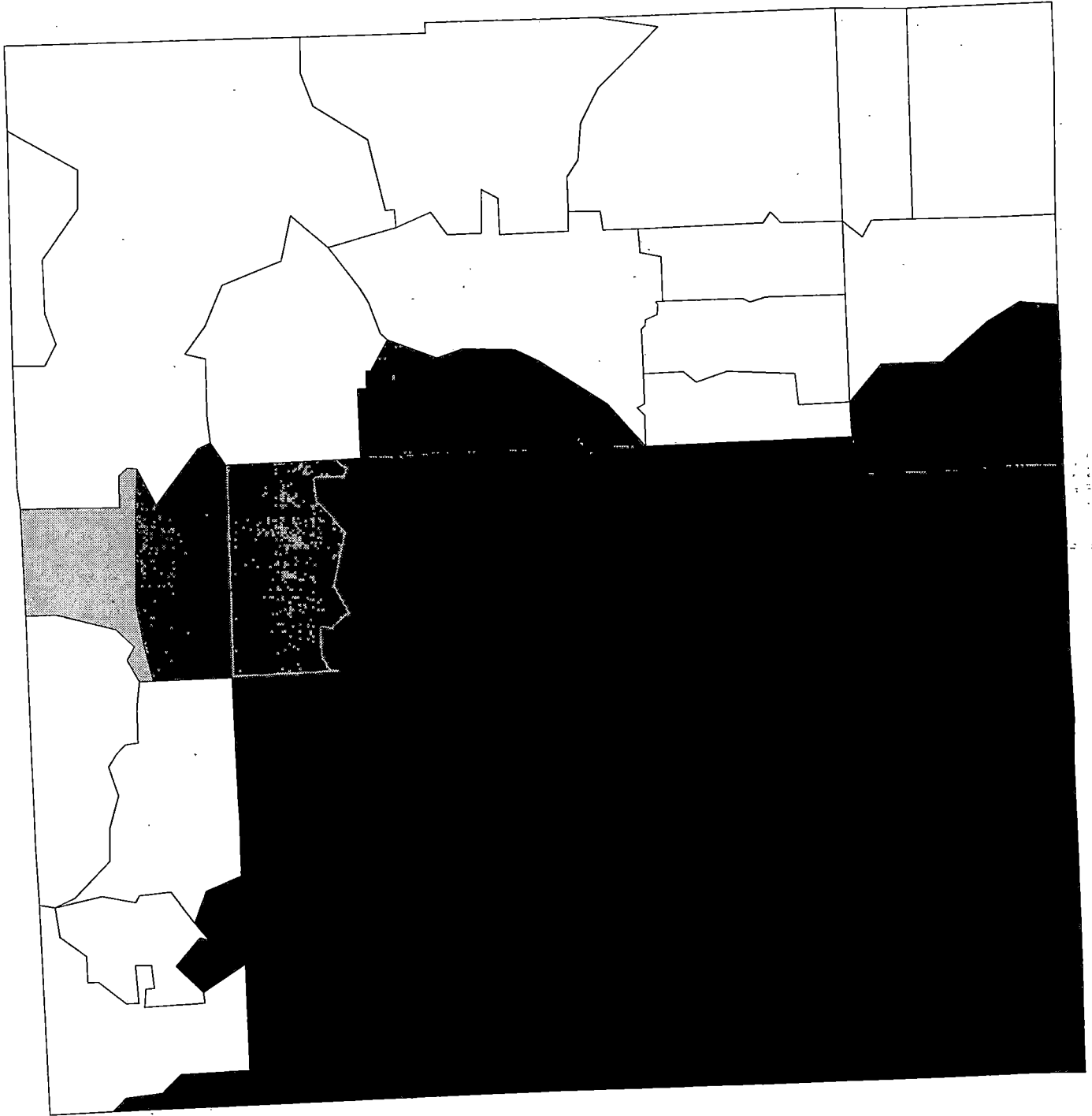
- 55 to 63
- 45 to 55
- 35 to 45
- 25 to 35
- 14 to 25



Oakland County

Urban Percentage

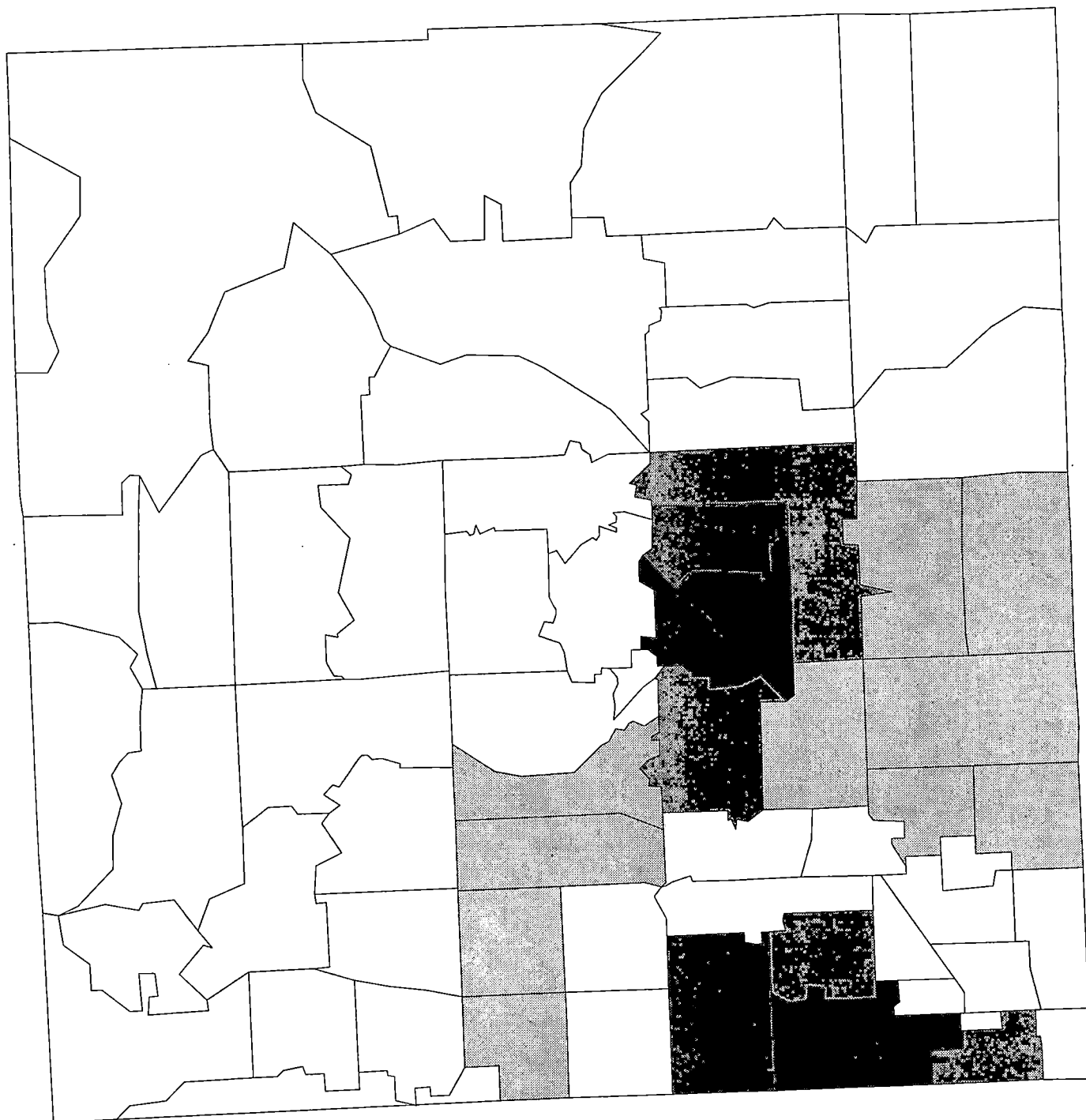
- 90 to 100
- 80 to 90
- 60 to 70
- 20 to 40
- 0 to 20
- all others



Oakland County

Non-white Percentage

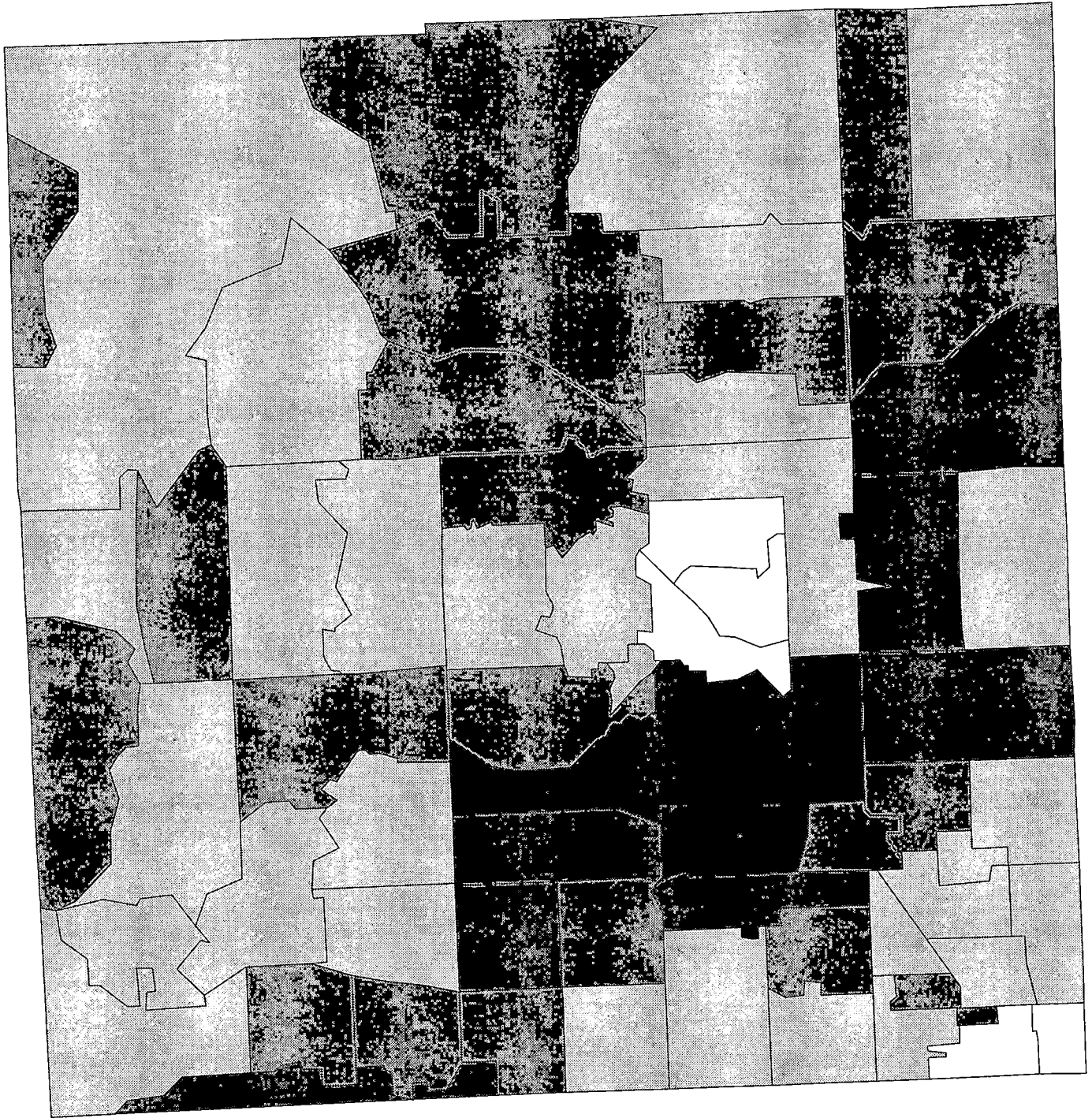
- 40 to 65
- 20 to 40
- 10 to 20
- 5 to 10
- 0 to 5



Oakland County

Median Household Income

- 75000 to 90000
- 60000 to 75000
- 45000 to 60000
- 30000 to 45000
- 15000 to 30000



Practical Political Consultants

Mark Grebner
(517) 351-6682 Alan Fox

Only firm in Michigan

Lists contain:

Name

Phone number

If they voted in recent elections (5 or six back)

Absentee (Y/N)

Political party

Age

Gender

Housing value (Census block)

\$300 N=500 (10,000 names)

Additional samples at the same time + \$100

Screen out unlikely voters at varying levels e.g. 80%, 90% ...

Survey Validated by:

Chancellor's Council.

R. Saunders.

J. Valenkie

G. Rein.

M. Snyder.

Dave Dudge.

Jo-an Rossi. at

More + Associates.

(313) 353-3927.



OAKLAND
COMMUNITY
COLLEGE

Memo

November 14, 1994

To: *Marty* Marty Orłowski and Kay Palmer
Office of Institutional Planning and Analysis

From: Lynn G. Johnson

Subject: Compilation of OCC Needs

Thank you for your assistance in the inventory of OCC needs for millage support.

I thought you might be interested in seeing the results to date, so I have enclosed a copy of the latest compilation which I have forwarded to Dan Jaksen. It is intentionally informal, and as I have indicated to Dan, undoubtedly incomplete. My sense is that the numbers probably underestimate the college's needs in several categories.

I would welcome any comments or suggestions. And if you have additional items which should be included, please let me know and I will pass that information along.

Thanks again for your help.

NEEDS: COLLEGE NEEDS SUMMARY [millions]	1996	1997	1998	1999	2000
ACADEMIC PROGRAMS	\$ 5.9	5.6	5.8	6.0	6.2
INFORMATION AND TECHNOLOGY	6.2	5.7	5.6	2.1	3.8
STUDY SKILLS DEVELOPMENT	5.7	5.1	5.3	5.4	5.6
SCHOLARSHIPS AND FINANCIAL AID	.8	.8	.9	.9	1.0
PROFESSIONAL AND STAFF DEVELOPMENT	1.3	1.3	1.4	1.4	1.4
FACILITIES AND EQUIPMENT	9.3	9.5	9.7	10.0	10.2
TOTALS: [millions]	\$ 29.2	28.0	28.7	25.8	28.2

NEEDS:

ACADEMIC PROGRAMS

1996

1997

1998

1999

2000

1. COLLEGE-WIDE CURRICULUM REVIEW

To review and update $\frac{1}{5}$ of entire curriculum each year:
Academic Programs Coordinator (also to coordinate all
 faculty & instructional development programs) (\$100,000
 for salary, benefits, office support); Consultants in 22
 subject areas/year (\$110,000); Faculty Released Time
 (\$55,000) = \$265,000/year (+ 3% inflation).

\$265,000

272,950

281,138

289,572

298,259

2. COMPETENCY DEVELOPMENT & OUTCOMES ASSESSMENT

To conduct research, assist departments, and train
 faculty in developing course competencies and assessing
 outcomes: Faculty Peer Trainers (10 for \$50,000);
Consultants (\$40,000); Workshops & Training Seminars
 (\$32,000): \$122,000/year (+ 3% inflation).

\$122,000

125,785

129,559

133,445

137,449

3. COLLEGE-WIDE ENROLLMENT SERVICES

To provide recruitment & retention assistance to all
 campuses: Consultants (\$25,000) and Workshops (\$10,000).
 Conversion from ASSET to alternate assessment
 methods such as COMPASS (\$140,000 one-time conversion
 cost plus \$35,000/year). (3% inflation)

\$210,000

72,100

74,263

76,490

78,785

NEEDS: ACADEMIC PROGRAMS (p. 2)	1996	1997	1998	1999	2000
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4. PROGRAM EXPANSION IN AREAS OF GROWTH
 To expand programs in high demand fields through additional instructors and course offerings: Manufacturing Technology, Business + Environmental Technology, Nursing + Dental Hygiene, International + Cross-Cultural Programs, Public Service Technologies (Average of \$67,000 for salary + benefits/position): 670,000/yr + 3%

\$670,000	690,100	710,803	732,127	754,090
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5. HEALTH + PUBLIC SERVICE UPGRADING
 To replace + enhance facilities and equipment for high demand programs in Nursing (\$600,000), Allied Health (\$700,000), Police Training (\$500,000), Fire Training (\$690,000), and Emergency Medical Technology (\$400,000): \$2,890,000 over 5 years = \$578,000 / year.

\$578,000	578,000	578,000	578,000	578,000
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6. SPECIAL LABORATORIES + EQUIPMENT MODERNIZATION
 To furnish, replace, and upgrade facilities and equipment in specialized program areas: Science and Math Labs (\$2 million); Computer Labs (\$2 million); Graphic Arts (\$300,000); Engineering Lab (\$200,000); Culinary Arts (\$750,000); and Performing Arts (\$1,400,000): \$6,650,000 over 5 years = 1,330,000/yr

\$1,330,000	1,330,000	1,330,000	1,330,000	1,330,000
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NEEDS: ACADEMIC PROGRAMS (p.3)

7. PONTIAC MIDDLE COLLEGE

An early college exposure program for at-risk students patterned after highly successful LaGuardia Community College Program: School Principal (\$60,000); Teachers (\$150,000); Adjunct Faculty (\$25,000); Rental of space (\$100,000); Clerical (\$60,000); Office Supplies and equipment (\$50,000): \$445,000 + 3% inflation

1996	1997	1998	1999	2000
\$ 445,000	458,350	472,100	486,263	500,851

8. BUSINESS INSTRUCTION + TRAINING

To extend the services of the Tech-Net Business Training Center: Training Coordinators (4) (\$234,000); Secretary (\$39,000); Office Supplies + equipment (\$40,000): \$313,000/year + 3% inflation.

\$ 313,000	322,390	332,061	342,023	352,284
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9. SCHOOL TO WORK PROGRAMS

To provide instruction in work-sites with opportunities for hands-on applications of learning to practice and actual work experience: School-to-Work Campus Coordinators (4 in \$234,000); Secretarial Support (\$39,000); Office Supplies + equipment (\$40,000); Facilities Rental (add 6 programs/year at \$12,000 each); Consultants (beginning at \$40,000 Yr 1 and decreasing); Faculty Released Time (6 payers at \$2,500): \$440,000 in Year 1, increasing to \$729,166 in Year 5.

\$440,000	511,840	583,974	656,413	729,166
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NEEDS: ACADEMIC PROGRAMS (p. 4)	1996	1997	1998	1999	2000
10. <u>CAMPUS-COMMUNITY LEARNING PARTNERSHIPS</u>					
<p>Special projects at each campus to enhance community partnerships and public service in such areas as service learning, diversity management, adult learning and continuing education: $\\$70,000 \times 4 \text{ campuses} = \underline{\\$350,000/\text{year}}$ + 3% inflation.</p>	# 350,000	360,500	371,315	382,454	393,928
11. <u>LIBRARIES AND LEARNING RESOURCES: COLLECTIONS</u>					
<p>To update and replace print + non-print library collections at 5 Learning Resource Centers: <u>Print Collections</u> replacement + acquisition ($\\$485,000$); <u>Non-Print Collections</u> ($\\$125,000$); <u>Electronic Data-Base Searches, Delivery, & CDROM inventory</u> ($\\$230,000$): $\underline{\\$840,000}$ per year for 5 years.</p>	# 840,000	840,000	840,000	840,000	840,000
12. <u>LEARNING RESOURCE CENTERS TELECOMMUNICATIONS</u>					
<p>To expand telecommunications capability and replace outdated equipment: Workstations, Printers, Scanners, Microfilm Readers, VCRs and Monitors: $\underline{\\$1,100,520}$ over 5 years [annual cost varies according to replacement schedule.]</p>	# 377,840	117,500	153,840	244,000	207,340
TOTALS:	# 5,940,840	5,679,515	5,857,053	6,090,787	6,200,152

NEEDS: INFORMATION & TECHNOLOGY (1)	1996	1997	1998	1999	2000
<p><u>1. ACADEMIC COMPUTING & MULTI-MEDIA</u></p> <p>Faculty computers (\$1.2 million); LAN expansion for 5 sites (\$150,000); Multi-Media Equipment (\$600,000); 2nd installation of 2 "SMART CLASSROOMS" on each campus (\$480,000): <u>\$2,430,000</u> over 3 years plus 1/3 replacement beginning Year 4.</p>	\$810,000	810,000	810,000	267,300	534,600
<p><u>2. ADVANCED TECHNOLOGY CENTER, AUBURN HILLS</u></p> <p>Laboratories for advanced computer applications to manufacturing: CIM, CAE, CNC, CAM, CAD (\$5.65 million); Instructional labs in Machine Tools, Robotics, Virtual Reality, & Quality Assurance (\$2.62 million). For industry access & use, an Advanced Manufacturing Demonstration Center, Telecommunications Studio, & 10 Portable Interactive Classroom Systems (\$1.2 million): <u>\$9,470,000</u> one-time costs over 3 years plus 1/3 replacement beginning Year 4.</p>	\$3,156,667	\$3,156,667	\$3,156,667	\$1,041,699	\$2,083,399
<p><u>3. TECH-NET BUSINESS TRAINING CENTER</u></p> <p>Renovation of donated facility (\$300,000); Multi-Media Broadcast/Production (\$200,000); Multi-Media Laboratory (\$150,000); 10 Interactive Classrooms (\$660,000); Portable Learning Stations (16) (\$720,000); Compressed Video Capacity using Electronic Bridge, Interfaces (24), and Codec Units (2) (\$196,000): <u>\$2,226,000</u> over 3 years + 1/3 replacement beginning Year 4.</p>	\$742,000	742,000	742,000	244,860	489,720

NEEDS: Continuing INFORMATION AND TECHNOLOGY

4. ADMINISTRATIVE COMPUTING

Updated desk computers for 200 administrative & clerical staff (\$800,000 over 3 years + 1/3 replacement beginning Year 4); Mainframe hardware acquisition (\$625,000 over 5 years) and enhancement (\$75,000 in Year 5); Administrative systems software (\$750,000 over 3 years); Systems maintenance (\$120,000 Yr 2 + 5% each year) and consulting (150,000 Yr. 1 and declining).

1996	1997	1998	1999	2000
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\$525,000	\$861,666	807,666	365,299	534,999
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5. ENHANCED NETWORK ENVIRONMENT

DS3 - based Wide Area Network, Video Codec, and Video Switch for seven sites + \$2,000/month leasing cost (plus 3% inflation)

\$168,000	173,040	178,231	183,578	189,085
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TOTALS:

\$6,211,667	\$5,743,373	\$5,694,564	\$2,102,736	\$3,831,803
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(1) Source: Telecommunications Technology Plan, 1994-1997. Office of Vice Chancellor for Development and Planning, August 22, 1994.

NEED	1996	1997	1998	1999	2000
<u>STUDY SKILLS DEVELOPMENT (1)</u>					
1. <u>Tutoring and Mentoring</u> Additional services to expand Program for Academic Support Services (PASS) and other tutoring and mentoring to an additional 4,300 students. (2)	\$ 2,917,668	3,005,198	3,095,354	3,188,214	3,283,860
2. <u>Orientation and Developmental Skills Classes</u> Instructional services to add sections of College Success Skills classes and Developmental English and Math for approximately 5,000 students.	1,879,869	1,936,265	1,994,352	2,054,183	2,115,808
3. <u>Expanded Counseling and Advising</u> Ten additional FTE counselors (would reduce counselor/student ratio to 400:1), plus Programmer and Student Assistants for computerized advising system,	197,592	203,519	209,624	215,913	222,390
4. <u>Student Tracking System</u> Clerical services for coding, record-keeping, data storage, and retrieval.	7,426	7,648	7,878	8,114	8,358
5. <u>Computer and Office Support</u> One-time costs to setup tracking system (\$25,000) and provide computers and office equipment (\$697,858)	793,402	—	—	—	—
TOTALS :	5,795,957	5,152,630	5,307,208	5,466,424	5,630,416

(1) Source: Financial Implications of Meeting the Needs of Underprepared Students, July, 1993, OCC Office of Institutional Planning and Research. From 5,000 to 6,000 annually score below college level in writing skills, reading skills, & numerical skills.

(2) Base year cost estimates were for 1993-94. A 3% inflation factor was used for projections.

NEED	1996	1997	1998	1999	2000
<u>SCHOLARSHIPS & FINANCIAL AID (1)</u>					
1. Restoration of Grants to Pre-1992 Levels.	148,668	154,614	160,799	167,231	173,920
2. Expansion of Grants in Aid to Eligible Applicants not Presently Receiving them.	320,008	332,808	346,120	359,965	374,363
3. Expansion Scholarships to Eligible Applicants not Presently Receiving them.	304,200	316,368	329,022	342,183	355,870
4. Extending Scholarships to 29 Additional Secondary Schools in the County.	44,787	46,579	48,442	50,379	52,395
5. Extending Scholarships to Graduates of Alternative Education & Adult Education Programs.	43,243	44,972	46,771	48,642	50,588
Totals (2)	860,906	895,343	931,156	968,403	1,007,139

(1) Award levels were calculated for 1994-95 as a base year and an inflation factor of 4% was used for subsequent years.

(2) If 50 additional scholarships were offered (eg 25 for MERIT; 25 for MINORITIES) that would add \$1,950 x 50 = \$97,500 (+ inflation) per year.

NEEDS: PROFESSIONAL & STAFF DEVELOPMENT	1996	1997	1998	1999	2000
<p><u>1. TECHNOLOGY & MULTI-MEDIA</u></p> <p>Instructional Technology Consultants (\$50,000) to work with faculty and departments; Faculty Peer Tutors (\$50,000); College-Wide Workshops (\$32,000) on use of new media and technology.</p>	\$ 132,000	135,960	140,038	144,239	148,567
<p><u>2. INSTRUCTIONAL SKILLS</u></p> <p>Instructional Skills Consultants (\$50,000); Faculty Peer Tutors (\$50,000); and College-Wide Workshops (\$32,000) to enhance teaching.</p>	\$ 132,000	135,960	140,038	144,239	148,567
<p><u>3. FACULTY STUDY AND RESEARCH</u></p> <p>Increased opportunities for faculty to attend professional conferences, take study leaves, engage in curriculum development and conduct research (\$2,000 average/year x 291 fulltime faculty; \$500 x 100 adjunct faculty / per year).</p>	\$ 632,000	650,960	670,488	690,603	711,321
<p><u>4. QUALITY & TEAM TRAINING & STAFF DEVELOPMENT</u></p> <p>Climate studies, needs assessments & organization development consultation (\$40,000); Workshops in team leadership and quality improvement (\$32,000); Quality improvement teams working on core processes (\$60,000); Other skills training in areas of high need for each campus (\$200,000).</p>	\$ 432,000	444,960	458,308	472,058	486,219
<p>TOTALS: (3% inflation rate)</p>	\$ 1,328,000	\$ 1,367,840	\$ 1,408,872	\$ 1,451,139	\$ 1,494,674

NEEDS: FACILITIES AND EQUIPMENT	1996	1997	1998	1999	2000
<p><u>1. FACILITIES REPAIR & REPLACEMENT</u> (1)</p> <p>To repair or replace facilities at 5 campus sites plus district office. Estimates based on replacement values determined by Sedgwick James study (1990), using an Ohio State formula of .026 average annual cost per replacement dollar and a 3% annual inflation rate.</p>	\$5,551,550	5,718,096	5,889,639	6,066,328	6,248,318
<p><u>2. ACCUMULATED DEFERRED MAINTENANCE</u> (1)</p> <p>To catch-up with long-overdue buildings & grounds maintenance. (Office of Physical Facilities estimates)</p>	\$2,624,000	2,624,000	2,624,000	2,624,000	2,624,000
<p><u>3. EQUIPMENT AND FURNITURE</u> (2)</p> <p>Repair and replacement of equipment and furniture for classrooms, faculty offices, and administrative offices at 5 sites plus district office. Estimates based on replacement values determined by Schettler study (1991), using Ohio State formula of .026 average annual cost per replacement dollar and 3% inflation rate.</p>	\$1,199,156	1,235,130	1,272,184	1,310,350	1,349,660
TOTALS:	\$9,374,706	\$9,577,226	\$9,785,823	\$10,000,678	\$10,221,978

(1) Repair, replacement, and deferred maintenance total more than \$42 million. A list of urgent (ie, not inclusive) campus needs compiled in September, 1994 by Director of Physical Facilities totals \$35,288,100 as of that date. The breakdown by campus: Auburn Hills - \$1,978,100; Highland Lakes - \$1,360,000; Orchard Ridge - \$17,520,000; and Royal Oak/Southfield - \$14,430,000.

(2) Estimates for item #3 do not include new equipment for information and instructional technology or the cost of facilities.

**Oakland Community College
Millage Campaign Survey**

Hello this is _____. I am calling from the Research and Assessment Institute of Oakland County. We are calling a number of randomly selected households in Oakland County to ask citizens' views about the way higher education is financed in the county. My survey is quite brief, and should only take a few minutes of your time.

1) Are you a registered voter in Oakland County?

- 1 _____ Yes
- 0 _____ No (*end survey*)
- 8 _____ Don't Know (*end survey*)
- 9 _____ No Response (*end survey*)

2) Did you vote in the March, 1994 election on school finance reform, (Proposal A) ?

- 1 _____ Yes
- 0 _____ No
- 8 _____ Don't Know
- 9 _____ No Response

3) Do you own a home in Oakland County?

- 1 _____ Yes
- 0 _____ No
- 9 _____ No Response

4a) What are the major sources of information you use to make voting decisions? (*check all that apply*)

- a) _____ Family
- b) _____ Friends/Co-workers
- c) _____ Newspaper (editorials/articles)
- d) _____ Radio (editorials/newscasts/talk shows)
- e) _____ Television (editorials/newscasts)
- f) _____ Advertizing (public media: TV, radio, newspaper)
- g) _____ Community meetings
- h) _____ Personal contacts with candidates/representatives
- i) _____ Direct mail sent to your home
- j) _____ Other _____

4b) Which of these is the single most important source of information for you?

5) Oakland Community College receives its revenue from three sources -- tuition, state aid, and local taxes. In your opinion, which one should contribute most of the revenue to operate the community college -- tuition, state aid, or local taxes?

- 1 _____ Tuition
- 2 _____ State Aid
- 3 _____ Local Taxes
- 4 _____ Combination of two or three (*Specify which*) _____
- 8 _____ Don't Know

Voter Data Base
(As of: December 16, 1994)

- Total people 157,900

Former students	126,700
Non-credit students	28,700
Employees	1,950
Family & friends	400
ALI members	140

- Remaining to be added:

Advisory committee members	300
Current students	6,000



OAKLAND
COMMUNITY
COLLEGE

Memo

November 14, 1994

To: ^{K24} Marty Orłowski and Kay Palmer
Office of Institutional Planning and Analysis

From: Lynn G. Johnson

Subject: Compilation of OCC Needs

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INFORMATION AND TECHNOLOGY	6.2	5.7	5.6	2.1	3.8
STUDY SKILLS DEVELOPMENT	5.7	5.1	5.3	5.4	5.6
SCHOLARSHIPS AND FINANCIAL AID	.8	.8	.9	.9	1.0
PROFESSIONAL AND STAFF DEVELOPMENT	1.3	1.3	1.4	1.4	1.4
FACILITIES AND EQUIPMENT	9.3	9.5	9.7	10.0	10.2
TOTALS: [millions]	\$ 29.2	28.0	28.7	25.8	28.2

NEEDS:

ACADEMIC PROGRAMS

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78,785

NEEDS: ACADEMIC PROGRAMS (p. 2)	1996	1997	1998	1999	2000
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4. PROGRAM EXPANSION IN AREAS OF GROWTH
 To expand programs in high demand fields through additional instructors and course offerings: Manufacturing Technology, Business + Environmental Technology, Nursing + Dental Hygiene, International + Cross-Cultural Programs, Public Service Technologies (Average of \$67,000 for salary + benefits/position): \$670,000/year + 3%

\$670,000	690,100	710,803	732,127	754,090
-----------	---------	---------	---------	---------

5. HEALTH + PUBLIC SERVICE UPGRADING
 To replace + enhance facilities and equipment for high demand programs in Nursing (\$600,000), Allied Health (\$700,000), Police Training (\$500,000), Fire Training (\$690,000), and Emergency Medical Technology (\$400,000): \$2,890,000 over 5 years = \$578,000 /year.

\$578,000	578,000	578,000	578,000	578,000
-----------	---------	---------	---------	---------

6. SPECIAL LABORATORIES + EQUIPMENT MODERNIZATION
 To furnish, replace, and upgrade facilities and equipment in specialized program areas: Science and Math Labs (\$2 million); Computer Labs (\$2 million); Graphic Arts (\$300,000); Engineering Lab (\$200,000); Culinary Arts (\$750,000); and Performing Arts (\$1,400,000): \$6.650,000 over 5 years = \$1,330,000/year

\$1,330,000	1,330,000	1,330,000	1,330,000	1,330,000
-------------	-----------	-----------	-----------	-----------

NEEDS: ACADEMIC PROGRAMS (p-3)7. PONTIAC MIDDLE COLLEGE

An early college exposure program for at-risk students patterned after highly successful LaGuardia Community College Program: School Principal (\$60,000); Teachers (\$150,000); Adjunct Faculty (\$25,000); Rental of space (\$100,000); Clerical (\$60,000); Office Supplies and equipment (\$50,000): \$445,000 + 3% inflation

1996	1997	1998	1999	2000
\$445,000	458,350	472,100	486,263	500,851

8. BUSINESS INSTRUCTION + TRAINING

To extend the services of the Tech-Net Business Training Center: Training Coordinators (4) (\$234,000); Secretary (\$39,000); Office Supplies & equipment (\$40,000): \$313,000/year + 3% inflation.

1996	1997	1998	1999	2000
\$313,000	322,390	332,061	342,023	352,284

9. SCHOOL TO WORK PROGRAMS

To provide instruction in work-sites with opportunities for hands-on applications of learning to practice and actual work experience: School-to-Work Campus Coordinators (4) (\$234,000); Secretarial Support (\$39,000); Office Supplies & equipment (\$40,000); Facilities Rental (add 6 programs/year at \$2,000 each); Consultants (beginning at \$40,000 Yr 1 and decreasing); Faculty Released Time (6 payers at \$2,500): \$440,000 in Year 1, increasing to \$729,166 in Year 5.

1996	1997	1998	1999	2000
\$440,000	511,840	583,974	656,413	729,166

NEEDS: ACADEMIC PROGRAMS (p. 4)	1996	1997	1998	1999	2000
<p>10. <u>CAMPUS-COMMUNITY LEARNING PARTNERSHIPS</u></p> <p>Special projects at each campus to enhance community partnerships and public service in such areas as service learning, diversity management, adult learning and continuing education: $\\$70,000 \times 4 \text{ campuses} = \underline{\\$350,000/\text{year}}$ + 3% inflation.</p>	# 350,000	360,500	371,315	382,454	393,928
<p>11. <u>LIBRARIES AND LEARNING RESOURCES: COLLECTIONS</u></p> <p>To update and replace print + non-print library collections at 5 Learning Resource Centers: <u>Print Collections</u> replacement + acquisition ($\\$485,000$); <u>Non-Print Collections</u> ($\\$125,000$); <u>Electronic Data-Base Searches, Delivery, + CD ROM inventory</u> ($\\$230,000$): $\underline{\\$840,000}$ per year for 5 years.</p>	# 840,000	840,000	840,000	840,000	840,000
<p>12. <u>LEARNING RESOURCE CENTERS TELECOMMUNICATIONS</u></p> <p>To expand telecommunications capability and replace outdated equipment: Workstations, Printers, Scanners, Microfilm Readers, VCRs and Monitors: $\underline{\\$1,100,520}$ over 5 years [annual cost varies according to replacement schedule.]</p>	# 377,840	117,500	153,840	244,000	207,340
<p>TOTALS:</p>	# 5,940,840	5,679,515	5,857,053	6,090,787	6,200,152

NEEDS: INFORMATION + TECHNOLOGY (1)	1996	1997	1998	1999	2000
<p><u>1. ACADEMIC COMPUTING + MULTI-MEDIA</u></p> <p>Faculty computers (\$1.2 million); LAN expansion for 5 sites (\$150,000); Multi-Media Equipment (\$600,000); and installation of 2 "SMART CLASSROOMS" on each campus (\$480,000): <u>\$2,430,000</u> over 3 years plus 1/3 replacement beginning Year 4.</p>	\$810,000	810,000	810,000	267,300	534,600
<p><u>2. ADVANCED TECHNOLOGY CENTER, AUBURN HILLS</u></p> <p>Laboratories for advanced computer applications to manufacturing: CIM, CAE, CNC, CAM, CAD (\$5.65 million); Instructional labs in Machine Tools, Robotics, Virtual Reality, + Quality Assurance (\$2.62 million). For industry access + use, an Advanced Manufacturing Demonstration Center, Telecommunications Studio, + 10 Portable Interactive Classroom Systems (\$1.2 million): <u>\$9,470,000</u> one-time costs over 3 years plus 1/3 replacement beginning Year 4.</p>	\$3,156,667	\$3,156,667	\$3,156,667	\$1,041,699	\$2,083,399
<p><u>3. TECH-NET BUSINESS TRAINING CENTER</u></p> <p>Renovation of donated facility (\$300,000); Multi-Media Broadcast/Production (\$200,000); Multi-Media Laboratory (\$150,000); 10 Interactive Classrooms (\$660,000); Portable Learning Stations (16) (\$720,000); Compressed Video Capacity using Electronic Bridge, Interfaces (24), and Codec Units (2) (\$196,000): <u>\$2,226,000</u> over 3 years + 1/3 replacement beginning Year 4.</p>	\$742,000	742,000	742,000	244,860	489,720

NEEDS: <i>Continuing INFORMATION AND TECHNOLOGY</i>	1996	1997	1998	1999	2000
<p><u>4. ADMINISTRATIVE COMPUTING</u></p> <p>Updated desk computers for 200 administrative + clerical staff (\$800,000 over 3 years + 1/3 replacement beginning Year 4); Mainframe hardware acquisition (\$625,000 over 5 years) and enhancement (\$75,000 in Year 5); Administrative systems software (\$750,000 over 3 years); Systems maintenance (\$120,000 Yr 2 + 5% each year) and consulting (150,000 Yr. 1 and declining).</p>	\$525,000	\$861,666	807,666	365,299	534,999
<p><u>5. ENHANCED NETWORK ENVIRONMENT</u></p> <p>DS3 - based Wide Area Network, Video Codec, and Video Switch for seven sites + \$2,000/month leasing cost (plus 3% inflation)</p>	\$168,000	173,040	178,231	183,578	189,085
TOTALS:	\$6,211,667	\$5,743,373	\$5,694,564	\$2,102,736	\$3,831,803

(1) Source: Telecommunications Technology Plan, 1994-1997. Office of Vice Chancellor for Development and Planning, August 22, 1994.

NEED	1996	1997	1998	1999	2000
<u>STUDY SKILLS DEVELOPMENT (1)</u>					
1. <u>Tutoring and Mentoring</u> Additional salaries to expand Program for Academic Support Services (PASS) and other tutoring and mentoring to an additional 4,300 students. (2)	\$ 2,917,668	3,005,198	3,095,354	3,188,214	3,283,860
2. <u>Orientation and Developmental Skills Classes</u> Instructional salaries to add sections of College Success Skills classes and Developmental English and Math for approximately 5,000 students.	1,879,869	1,936,265	1,994,352	2,054,183	2,115,808
3. <u>Expanded Counseling and Advising</u> Ten additional FTE counselors (would reduce counselor/student ratio to 400:1), plus Programmer and Student Assistants for computerized advising system,	197,592	203,519	209,624	215,913	222,390
4. <u>Student Tracking System</u> Clerical salaries for coding, record-keeping, data storage, and retrieval.	7,426	7,648	7,878	8,114	8,358
5. <u>Computer and Office Support</u> One-time costs to setup tracking system (\$25,000) and provide computers and office equipment (\$697,858)	793,402	—	—	—	—
TOTALS :	5,795,957	5,152,630	5,307,208	5,466,424	5,630,416

(1) Source: Financial Implications of Meeting the Needs of Underprepared Students, July, 1993, OCC Office of Institutional Planning and Research. From 5,000 to 6,000 annually score below college level in writing skills, reading skills, & numerical skills.

(2) Base year cost estimates were for 1993-94. A 3% inflation factor was used for projections.

NEED	1996	1997	1998	1999	2000
<u>SCHOLARSHIPS + FINANCIAL AID (1)</u>					
1. Restoration of Grants to Pre-1992 Levels.	148,668	154,614	160,799	167,231	173,920
2. Expansion of Grants in Aid to Eligible Applicants not Presently Receiving them.	320,008	332,808	346,120	359,965	374,363
3. Expansion Scholarships to Eligible Applicants not Presently Receiving them.	304,200	316,368	329,022	342,183	355,870
4. Extending Scholarships to 29 Additional Secondary Schools in the County.	44,787	46,579	48,442	50,379	52,395
5. Extending Scholarships to Graduates of Alternative Education & Adult Education Programs.	43,243	44,972	46,771	48,642	50,588
Totals (2)	860,906	895,343	931,156	968,403	1,007,139

(1) Award levels were calculated for 1994-95 as a base year and an inflation factor of 4% was used for subsequent years.

(2) If 50 additional scholarships were offered (eg 25 for MERIT; 25 for MINORITIES) that would add \$1,950 x 50 = \$97,500 (+ inflation) per year.

NEEDS: PROFESSIONAL & STAFF DEVELOPMENT	1996	1997	1998	1999	2000
<p>1. <u>TECHNOLOGY & MULTI-MEDIA</u></p> <p>Instructional Technology Consultants (\$50,000) to work with faculty and departments; Faculty Peer Tutors (\$50,000); College-Wide Workshops (\$32,000) on use of new media and technology.</p>	\$132,000	135,960	140,038	144,239	148,567
<p>2. <u>INSTRUCTIONAL SKILLS</u></p> <p>Instructional Skills Consultants (\$50,000); Faculty Peer Tutors (\$50,000); and College-Wide Workshops (\$32,000) to enhance teaching.</p>	\$132,000	135,960	140,038	144,239	148,567
<p>3. <u>FACULTY STUDY AND RESEARCH</u></p> <p>Increased opportunities for faculty to attend professional conferences, take study leaves, engage in curriculum development and conduct research (\$2,000 average/year x 291 fulltime faculty; \$500 x 100 adjunct faculty/per year).</p>	\$632,000	650,960	670,488	690,603	711,321
<p>4. <u>QUALITY & TEAM TRAINING & STAFF DEVELOPMENT</u></p> <p>Climate studies, needs assessments & organization development consultation (\$40,000); Workshops in team leadership and quality improvement (\$32,000); Quality improvement teams working on core processes (\$60,000); Other skills training in areas of high need for each campus (\$200,000).</p>	\$432,000	444,960	458,308	472,058	486,219
TOTALS: (3% inflation rate)	\$1,328,000	\$1,367,840	\$1,408,872	\$1,451,139	\$1,494,674

NEEDS: FACILITIES AND EQUIPMENT	1996	1997	1998	1999	2000
<p><u>1. FACILITIES REPAIR & REPLACEMENT</u> (1)</p> <p>To repair or replace facilities at 5 campus sites plus district office. Estimates based on replacement values determined by Sedgwick James study (1990), using an Ohio State formula of .026 average annual cost per replacement dollar and a 3% annual inflation rate.</p>	\$5,551,550	5,718,096	5,889,639	6,066,328	6,248,318
<p><u>2. ACCUMULATED DEFERRED MAINTENANCE</u> (1)</p> <p>To catch-up with long-overdue buildings & grounds maintenance. (Office of Physical Facilities estimates)</p>	\$2,624,000	2,624,000	2,624,000	2,624,000	2,624,000
<p><u>3. EQUIPMENT AND FURNITURE</u> (2)</p> <p>Repair and replacement of equipment and furniture for classrooms, faculty offices, and administrative offices at 6 sites plus district office. Estimates based on replacement values determined by Schettler study (1991), using Ohio State formula of .026 average annual cost per replacement dollar and 3% inflation rate.</p>	\$1,199,156	1,235,130	1,272,184	1,310,350	1,349,660
TOTALS:	\$9,374,706	\$9,577,226	\$9,785,823	\$10,000,678	\$10,221,978

(1) Repair, replacement, and deferred maintenance total more than \$42 million. A list of urgent (ie, not inclusive) campus needs compiled in September, 1994 by Director of Physical Facilities totals \$35,288,100 as of that date. The breakdown by campus: Auburn Hills - \$1,978,100; Highland Lakes - \$1,360,000; Orchard Ridge - \$17,520,000; and Royal Oak/Southfield - \$14,430,000.

(2) Estimates for item #3 do not include new equipment for information and instructional technology or the cost of equipment for telecommunications facilities.

Alumni Data Base
Code Book

<u>Variable</u>	<u>Length</u>	<u>Description/Codes</u>
SSN	1-9	Social Security Number (Actual number)
LNAME	10-25	Last name (Last name up to 16 characters)
FNAME	26-40	First name. (First name up to 15 characters)
MNAME	41-50	Middle name. (Middle name up to 10 characters)
STREET	51-75	Street address. (Street number, name and apartment #)
CITY *	76-90	City of residence. (Post Office city)
STATE *	91-92	State of residence. (Two digit initials of state)
ZIP	93-102	Zip code (Zip + 4 including dash)
AREACODE *	103-105	Area code for phone number. (Actual three digit number)
PHONE	106-112	Phone number. (Actual phone number with no dash)
BIRTH	113-118	Date of birth. (Year, Month, Day)
BIRTHY *	113-114	Year of birth. (Actual year)
BIRTHM *	115-116	Month of birth. 1=Jan
BIRTHD *	117-118	Day of birth. (Actual day of month)
RACE *	119	Race/Ethnicity 1 or W=White 2 or B=Black 3=Self-American Indian 4=Asian 5 or H=Hispanic 6=Foreign 7=Other 8=Certified American Indian (as of fall 94) 9=Unknown

LRECL = 171
BLKSIZE = 22914
REC FM = FB
SPACE = (CYL(53,26))

36

GENDER	120	Gender.
*		0=Female 1=Male 9=Unknown
PRECINCT	121-130	Precinct code.
*		(Actual 10 digit number includes, county, city, ward, precinct, and extention)
COUNTY	121-122	County
*		25=Genesee 44=Lapeer 47=Livingston 50=Macomb 63=Oakland 81=Washtenaw 82=Wayne
TOWNSHIP	123-124	Township/City
*		1-49=Township within county 50-99=City within county
WARD	125-126	Ward
*		00=No ward
PPP	127-129	Voter precinct number.
*		(Actual precinct code)
PFLAG	130	Precinct flag.
*		A or B=Divides precinct into two sections ?=Registered to vote, but appeared to be a temporary address -=Avoid, was registered to vote but no longer at address
GENERAL	131-132	Vote in General election (most recent time person voted)
*		(Last two <u>digits</u> of year)
PRIMARY	133-134	Vote in Primary election (most recent time person voted)
*		(Last two <u>digits</u> of year)
PRES	135-136	Vote in Presidential election (most recent time person voted)
*		(Last two <u>digits</u> of year)
MAYOR	137-138	Vote in Mayorial/City Council election (most recent time person voted)
*		(Last two <u>digits</u> of year)
SCHOOL	139-140	Vote in School Board election (most recent time person voted)
*		(Last two <u>digits</u> of year)
TAX	141-142	Vote in Millage/Tax (special Election) election (most recent time person voted)
*		(Last two <u>digits</u> of year)
ABSENTEE	143	Voted absentee (persons age 60 and older more consistant).
*		A=Voted absentee once B=Voted absentee twice
DEMOCRAT	144	Democrat
*		D=Assumed Democrat (phone survey) X=Declared Democrat (voting booth)



Dem
Rep
IND

next

REPUBLIC *	145	Republican R=Assumed Republican (phone survey) X=Declared Republican (voting booth)
INDEPEND *	146	Independent (use inconjunction with Democrat and Republican) I=Assumed Independent (phone survey) X=Declared Independent (voting booth)
TRACT	147-152	Census Tract number. (Six digist number)
BLOCK	153-156	Census Block number. (Four digit number)
VALUE	157-159	Average value of housing on block (1990 Census) (In thousands)
OWNERS	160-163	Number of owner occupied houses on Census block. (Actual number)
RENTERS	164-167	Number of renters on Census block. (Actual number)
ROUTE	168-171	Postal carrier route number. (Determined by post office)

1
4
10
+

1. ~~CUM_GPA~~ ^{SSN SSNO} OCC CUM_GPA S/I
 2. ^{CURRIC} OCC CURRIC when blank = UNK S/I
 3. OCC YRSES (first ^{HIST} term @ OCC)
 4. ~~PPC~~ gender already included (see @120)
 5. ^{HSCODE} OCC High school code S/I
 6. ^{HSDATE} OCC High school grad date (mm/yy) S/I
 7. ^{PYRSES} OCC YRSES (previous ^{current/last} term attended) S/I
 8. ~~DEGREE~~ ^{DEGREE} OCC Degree (AAS, ASA, ABA) S/I/CCOTAB
 9. ^{DEGREE} OCC Program Degree (CIS, ACC) S/I
 10. ^{DEGDATE} OCC date grad (mm/yy) S/I
 11. ^{RACE} ~~RACE~~ OCC Race if OCC_RACE is 1,2,3,4,5,8 Keep S/I else use PPC.
- Verify two million codes to be the non-8 (if 8 change to other indian code)
12. ^{OCC} ~~CUM_CRED~~ cum credits completed. (no transfers) S/I
 13. ^{OCC} type of student:
+TYPE if cumm. credits ≥ 24
then status = 'alumni' = 20
else status = 'student' = 1 S/I
 14. OCC financial aid (scholarship) FIN/aid

Taking Stratified Random Samples of Unequal-Sized Groups

If you need to specify different numbers of observations from different categories to include in your sample, you can use this method of taking a stratified random sample. This example takes a stratified random sample of two customers inside the city and eight customers outside the city. To take a stratified random sample of unequal-sized groups, you need to do the following:

- sort the observations into categories
- specify the number of observations to select from each category
- combine the sorted data set with the category counts
- select the observations for the sample.

Sort the Observations

To sort the observations into categories, you can use the SORT procedure. The following PROC SORT step sorts the observations into categories based on the values of the variable CITY.

```
libname mylib 'SAS-data-library';  
  
proc sort data=mylib.mail;  
  by city;  
run;
```

Specify the Number of Observations

To specify the number of observations to select from each category, you can create a SAS data set containing the values of the variable that identify the categories of observations, the number of observations in each category, and the number of observations to select from each category. To process only the variable whose values identify the categories of observations, use the KEEP= option with the SET statement. The BY statement names the variable by which the data set is sorted. The following DATA step creates a SAS data set, NSELECT, which contains the total number of observations in each CITY category and the number of observations to select from each CITY category.

```
data nselect;  
  set mylib.mail(keep=city);  
  by city;
```

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To count the number of observations in each category, you can establish a counter and use the *LAST.variable*. In this example, *N* starts at 0 and increases by 1 with each iteration of the *DATA* step until it counts the number of observations in a *CITY* category. To specify the number of observations to select from each category, use a *CARDS* statement. To write the numbers of observations in your categories and the numbers of observations to select from your categories to the new data set, use the *LAST.variable* in a subsetting *IF* statement. In this example, if an observation is the last in a *CITY* category, *K* and *N* are written to the data set *NSELECT*, and *N* is reset to 0.

```

n+1;
if last.city;
input k;
output;
n=0;
cards;
2
8
;
```

When specifying the numbers of observations to select from your categories, list the numbers in order of the variable values that identify your categories. Since the *SORT* procedure orders the categories defined by a character variable alphabetically, the numbers must come in the same order. In this example, the value of *K* for the *IN* value of *CITY*, which is 2, must be listed before the value of *K* for the *OUT* value, which is 8.

In the special case of selecting an equal proportion of observations from each category, you can omit the *INPUT* and *CARDS* statements and data lines. To specify the same proportion for all categories, define the variable that represents the number of observations to select from a category in an assignment statement following the subsetting *IF* statement. That variable should be set equal to the *CEIL* function with the argument of the product of the proportion and the variable that represents the number of observations in that category. The *CEIL* function returns the smallest integer greater than or equal to the argument. In this example, *K* would be set equal to $CEIL(N \cdot .25)$ if the desired sample were to contain one fourth of the customers inside the city and one fourth of the customers outside the city. However, analyzing a sample instead of the population from which it is taken is valid only because the sample should be representative of that population. The only reason to stratify in this case is to obtain the precise numbers of observations.

Combine the Data Sets

To combine the sorted observations with the category counts, you can use the *MERGE* statement and the *BY* statement. The following *MERGE* statement combines the newly created data set, *NSELECT*, with the sorted list of customers.

```

data strat2;
merge mylib.mail nselect;
by city;
```

Select the Observations

To select the observations for the sample, you can use the RANUNI function to randomly choose the specified numbers of observations from the categories. In this example, **K** is the number of observations from a value of **CITY** needed to complete the subsample from that value of **CITY**, and **N** is the number of observations from a value of **CITY** left to read. The following code is explained in detail earlier in this chapter in "Taking Exact-Sized Random Samples."

```

if ranuni(332516)<=k/n then
  do;
    output;
    k=k-1;
  end;
n=n-1;

```

Here is the complete program that produces and prints the stratified random sample of two customers inside the city and eight customers outside the city:

```

libname mylib 'SAS-data-library';

proc sort data=mylib.mail;
  by city;
run;

data nselect;
  set mylib.mail(keep=city);
  by city;
  n+1;
  if last.city;
  input k;
  output;
  n=0;
  cards;
2
8
;

data strat2(drop=k n);
  merge mylib.mail nselect;
  by city;
  if ranuni(332516)<=k/n then
  do;
    output;
    k=k-1;
  end;
  n=n-1;
run;

proc print data=nselect;
  title 'Count of Customers by CITY';
run;

```

city = town,

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```
proc print data=strat2;
  title 'Stratified Random Sample of Unequal-Sized Groups';
run;
```

Output 12.6 shows the results.

Output 12.6
Taking a Stratified
Random Sample of
Unequal-Sized
Groups

Count of Customers by CITY				1
OBS	CITY	N	K	
1	in	10	2	
2	out	30	8	

Stratified Random Sample of Unequal-Sized Groups				2
OBS	NAME	COST	CITY	
1	Agerton	17.28	in	
2	Clark	3.23	in	
3	Baldwin	67.66	out	
4	Heuser	31.25	out	
5	Hibbert	77.83	out	
6	Ritchie	76.01	out	
7	Rogers	33.45	out	
8	Salomon	25.36	out	
9	Sheldrick	69.26	out	
10	Terwilliger	88.22	out	

Summary

The following points summarize how to use the SAS System to take random samples:

- To select a percentage of observations for a sample, use the RANUNI function in a subsetting IF statement to assign each observation a random number from 0 to 1. Output only those observations with random numbers less than or equal to your specified proportion. This sequential acceptance or rejection of observations according to a constant probability results in an approximate-sized random sample without replacement.
- To select a specific number of observations for a sample, vary the probability of acceptance according to the number of observations needed to complete the sample and the number of observations left to read in the data set. This results in an exact-sized random sample.
- To generate a random number that is equally likely to fall in intervals of equal length anywhere between two points, multiply the RANUNI function by the difference between the endpoints and add the smaller endpoint. Truncate the decimal portion with the INT function to return an integer. You can randomly select observations by specifying their observation number in the data set with the POINT= option. This results in a random sample with replacement.
- To create subsamples of observations from different categories, use the SORT procedure to sort the data set according to values of the category variables. Use the temporary variables, FIRST.variable and LAST.variable, to separate the selection process for the different categories. This results in a stratified random sample.

SELECT IF (ID GT 0).
SELECT IF (ID LE 9999999).

AUTORECODE VARIABLES=YESNO /INTO=DONTKNOW.

The raw data or transformation pass is proceeding
501 cases are written to the compressed active file.

ALL

This procedure was completed at 15:04:26

RECODE DONTKNOW (3=1)(1, 2=0).

VALUE LABELS DONTKNOW 1 'Dont know' 0 'Other' 4 'Missing'.

AUTORECODE VARIABLES=YESNO /INTO=VOTEYES.

The raw data or transformation pass is proceeding

501 cases are written to the compressed active file.

This procedure was completed at 15:04:31
RECODE VOTEYES (2=1)(1, 3=0).
VALUE LABELS VOTEYES 1 'Vote for' 0 'Other' 4 'Missing'.
AUTORECODE VARIABLES=YESNO /INTO=VOTENO.
The raw data or transformation pass is proceeding
501 cases are written to the compressed active file.

This procedure was completed at 15:04:35

RECODE VOTENO (2, 3=0).

VALUE LABELS VOTENO 1 'Vote against' 0 'Other' 4 'Missing'.

COMPUTE INCREASE=HOUSE/2.

VARIABLE LABEL INCREASE 'Estimated increase in annual property tax'.

FREQUENCIES VARIABLES=TOWNSHIP TO REPUBLIC PROPA TO ATTEND

The raw data or transformation pass is proceeding

501 cases are written to the compressed active file.

EDUCATE TO GENDER.

***** Memory allows a total of 17873 Values, accumulated across all Variables.
There also may be up to 2234 Value Labels for each Variable.

TOWNSHIP Township

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Addison Twp	2	2	.4	.4	.4
Bloomfield Twp	6	27	5.4	5.4	5.8
Brandon Twp	8	5	1.0	1.0	6.8
Commerce Twp	10	11	2.2	2.2	9.0
Groveland Twp	14	3	.6	.6	9.6
Highland Twp	16	6	1.2	1.2	10.8
Holly Twp	18	3	.6	.6	11.4
Independence Twp	20	12	2.4	2.4	13.8
Lyon Twp	22	3	.6	.6	14.4
Milford Twp	24	6	1.2	1.2	15.6
Oakland Twp	28	5	1.0	1.0	16.6
Orion Twp	30	11	2.2	2.2	18.8
Oxford Twp	32	5	1.0	1.0	19.8
Rose Twp	36	2	.4	.4	20.2
Royal Oak Twp	38	2	.4	.4	20.6
Southfield Twp	40	10	2.0	2.0	22.6
Springfield Twp	42	4	.8	.8	23.4
Waterford Twp	44	29	5.8	5.8	29.2
West Bloomfield Twp	46	28	5.6	5.6	34.8
White Lake Twp	48	10	2.0	2.0	36.8
City of Auburn Hills	51	5	1.0	1.0	37.8
City of Berkley	52	9	1.8	1.8	39.6
City of Birmingham	53	13	2.6	2.6	42.2
City of Bloomfield H	54	3	.6	.6	42.8
	55	1	.2	.2	43.0
City of Clawson	56	7	1.4	1.4	44.4
City of Farmington	58	6	1.2	1.2	45.6
City of Farmington H	59	38	7.6	7.6	53.2
City of Ferndale	60	9	1.8	1.8	55.0
City of Hazel Park	62	7	1.4	1.4	56.4
City of Huntington W	64	5	1.0	1.0	57.4
City of Keego Harbor	66	1	.2	.2	57.6
City of Lathrup Vill	68	3	.6	.6	58.2
City of Madison Heig	70	13	2.6	2.6	60.8
City of Northville	72	2	.4	.4	61.2
City of Novi	74	15	3.0	3.0	64.2
City of Oak Park	76	12	2.4	2.4	66.6
City of Orchard Lake	78	1	.2	.2	66.8
City of Pleasant Rid	80	2	.4	.4	67.2
City of Pontiac	82	17	3.4	3.4	70.6
City of Rochester	84	4	.8	.8	71.4
City of Rochester Hi	85	31	6.2	6.2	77.6
City of Royal Oak	86	34	6.8	6.8	84.4
City of Southfield	88	35	7.0	7.0	91.4
City of South Lyon	90	3	.6	.6	92.0
City of Sylvan Lake	92	1	.2	.2	92.2
City of Troy	94	34	6.8	6.8	99.0
City of Walled Lake	96	2	.4	.4	99.4
City of Wixom	98	3	.6	.6	100.0
.		1	.2	Missing	

TOWNSHIP Township

			-----	-----	-----
		Total	501	100.0	100.0
Valid cases	500	Missing cases	1		

PRECINCT Precinct

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	2	.4	.4	.4
	1	48	9.6	9.6	10.0
	2	36	7.2	7.2	17.2
	3	26	5.2	5.2	22.4
	4	24	4.8	4.8	27.1
	5	26	5.2	5.2	32.3
	6	23	4.6	4.6	36.9
	7	25	5.0	5.0	41.9
	8	23	4.6	4.6	46.5
	9	18	3.6	3.6	50.1
	10	16	3.2	3.2	53.3
	11	19	3.8	3.8	57.1
	12	21	4.2	4.2	61.3
	13	9	1.8	1.8	63.1
	14	19	3.8	3.8	66.9
	15	10	2.0	2.0	68.9
	16	9	1.8	1.8	70.7
	17	7	1.4	1.4	72.1
	18	13	2.6	2.6	74.7
	19	15	3.0	3.0	77.6
	20	9	1.8	1.8	79.4
	21	8	1.6	1.6	81.0
	22	4	.8	.8	81.8
	23	3	.6	.6	82.4
	24	9	1.8	1.8	84.2
	25	8	1.6	1.6	85.8
	26	7	1.4	1.4	87.2
	27	7	1.4	1.4	88.6
	28	6	1.2	1.2	89.8
	29	7	1.4	1.4	91.2
	30	7	1.4	1.4	92.6
	31	6	1.2	1.2	93.8
	32	11	2.2	2.2	96.0
	33	1	.2	.2	96.2
	35	1	.2	.2	96.4
	36	1	.2	.2	96.6
	38	1	.2	.2	96.8
	40	2	.4	.4	97.2
	41	4	.8	.8	98.0
	43	3	.6	.6	98.6
	47	2	.4	.4	99.0
	50	2	.4	.4	99.4
	99	3	.6	.6	100.0
	Total	501	100.0	100.0	

Valid cases

501

Missing cases

0

ABSENTEE Voted absentee in August 92 primary

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	402	80.2	80.4	80.4
Yes	1	98	19.6	19.6	100.0
	.	1	.2	Missing	
	Total	501	100.0	100.0	

Valid cases 500 Missing cases 1

PRIMARY Voted in August 92 primary

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	146	29.1	29.1	29.1
Yes	1	355	70.9	70.9	100.0
	Total	501	100.0	100.0	

Valid cases 501 Missing cases 0

SENIOR At least one voter 60+ in home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	339	67.7	67.7	67.7
Yes	1	162	32.3	32.3	100.0
	Total	501	100.0	100.0	

Valid cases 501 Missing cases 0

DEMOCRAT Household considered democratic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	376	75.0	75.0	75.0
Yes	1	125	25.0	25.0	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

REPUBLIC Household considered republican

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	353	70.5	70.5	70.5
Yes	1	148	29.5	29.5	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

PROPA Voted in March 1994 election (Proposal A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	72	14.4	14.4	14.4
Yes	1	425	84.8	85.0	99.4
Dont know	8	3	.6	.6	100.0
No response	9	1	.2	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	500	Missing cases	1		

HOMEOWN Do you own a home in Oakland County

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Rent	0	34	6.8	6.8	6.8
Own home	1	448	89.4	89.6	96.4
Other	2	18	3.6	3.6	100.0
No Response	9	1	.2	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 500 Missing cases 1

PAPER Newspapers (Editorials/Articles)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	46	9.2	9.2	9.2
Yes	1	454	90.6	90.8	100.0
	.	1	.2	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 500 Missing cases 1

RADIO Radio (Editorials/newscasts/talkshows)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	259	51.7	51.7	51.7
Yes	1	242	48.3	48.3	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 501 Missing cases 0

TV Television (Editorials/newscasts)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	178	35.5	35.5	35.5
Yes	1	323	64.5	64.5	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

ADS Advertizing (public media TV, radio, new

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	306	61.1	61.1	61.1
Yes	1	195	38.9	38.9	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

MEETINGS Community Meetings

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	375	74.9	74.9	74.9
Yes	1	126	25.1	25.1	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

CONTACT Personal contacts with candidates/repres

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	373	74.5	74.5	74.5
Yes	1	128	25.5	25.5	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

MAIL Direct mail sent to your home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	242	48.3	48.4	48.4
Yes	1	258	51.5	51.6	100.0
	.	1	.2	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	500	Missing cases	1		

OTHER Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	389	77.6	77.6	77.6
Yes	1	112	22.4	22.4	100.0
		-----	-----	-----	
	Total	501	100.0	100.0	
Valid cases	501	Missing cases	0		

MOSTIMP Single most important source

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Newspaper	1	285	56.9	60.0	60.0
Radio	2	28	5.6	5.9	65.9
Television	3	44	8.8	9.3	75.2
Advertising	4	13	2.6	2.7	77.9
Community Meetings	5	9	1.8	1.9	79.8
Personal Contacts	6	26	5.2	5.5	85.3
Direct Mail	7	26	5.2	5.5	90.7
Other	8	44	8.8	9.3	100.0
No Response/Dont Kno	9	26	5.2	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 475 Missing cases 26

REVENUE Revenue source that should contribute mo

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Tuition	1	143	28.5	31.4	31.4
State Aid	2	98	19.6	21.5	52.9
Local Taxes	3	30	6.0	6.6	59.4
State Aid + Tuition	4	39	7.8	8.6	68.0
State Aid + Local Ta	5	18	3.6	3.9	71.9
Tuition + Local Taxe	6	20	4.0	4.4	76.3
Tuition + State Aid	7	108	21.6	23.7	100.0
Dont Know/No Respons	9	45	9.0	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 456 Missing cases 45

MILLS Know how many mills go to OCC?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Less than one	1	11	2.2	2.2	2.2
One mill	2	18	3.6	3.6	5.8
More than one but le	3	14	2.8	2.8	8.6
More than two	4	11	2.2	2.2	10.8
Dont know	8	447	89.2	89.2	100.0
	Total	501	100.0	100.0	

Valid cases 501 Missing cases 0

YESNO Would you vote for or against millage in

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Against	0	230	45.9	46.1	46.1
For	1	149	29.7	29.9	76.0
Dont Know	8	120	24.0	24.0	100.0
No response	9	2	.4	Missing	
	Total	501	100.0	100.0	

Valid cases 499 Missing cases 2

WHY Why would you vote this way?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Need more info	1	62	12.4	13.5	13.5
OCC meets needs	2	20	4.0	4.4	17.9
Family/personal atte	3	29	5.8	6.3	24.2
Support education	4	77	15.4	16.8	41.0
OCC meets community	5	12	2.4	2.6	43.7
Afordable increase	6	6	1.2	1.3	45.0
Keep tuition/access	7	6	1.2	1.3	46.3
No more taxation	11	138	27.5	30.1	76.4
No kids in school	12	18	3.6	3.9	80.3
Tuition should fund	13	35	7.0	7.6	88.0
K-12 needs money fir	14	11	2.2	2.4	90.4
State funding should	15	6	1.2	1.3	91.7
Low quality of educa	16	6	1.2	1.3	93.0
Better allocation of	17	12	2.4	2.6	95.6
Dont know	88	20	4.0	4.4	100.0
No response	99	43	8.6	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 458 Missing cases 43

INFONEED What information would you like

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
programs	1	12	2.4	2.6	2.6
Nothing	2	112	22.4	24.5	27.1
How students benefit	3	9	1.8	2.0	29.0
How will it be spent	4	119	23.8	26.0	55.0
Existing \$ and sourc	5	106	21.2	23.1	78.2
Benefit to community	6	10	2.0	2.2	80.3
Unbias info	7	70	14.0	15.3	95.6
Effect of Proposal A	8	4	.8	.9	96.5
OCC Effectiveness	9	2	.4	.4	96.9
Dont know	88	14	2.8	3.1	100.0
No response	99	43	8.6	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 458 Missing cases 43

ATTEND Anyone in family or friends ever attend

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	176	35.1	35.3	35.3
Yes	1	310	61.9	62.1	97.4
Dont know	8	13	2.6	2.6	100.0
No response	9	2	.4	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 499 Missing cases 2

EDUCATE Highest level of education you have comp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Grades 1 to 8 or les	1	5	1.0	1.0	1.0
Some high school	2	16	3.2	3.3	4.3
High school graduate	3	89	17.8	18.1	22.4
Vocational or techni	4	11	2.2	2.2	24.6
Some college	5	131	26.1	26.7	51.3
College graduate	6	153	30.5	31.2	82.5
Post-graduate	7	86	17.2	17.5	100.0
No Response	9	10	2.0	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 491 Missing cases 10

RACE Race

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
White	1	448	89.4	94.7	94.7
African-American	2	17	3.4	3.6	98.3
Hispanic	3	3	.6	.6	98.9
Asian	4	1	.2	.2	99.2
Other	5	4	.8	.8	100.0
No Response	9	28	5.6	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 473 Missing cases 28

GENDER Gender

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	0	308	61.5	63.0	63.0
Male	1	181	36.1	37.0	100.0
No response	9	12	2.4	Missing	
		-----	-----	-----	
	Total	501	100.0	100.0	

Valid cases 489 Missing cases 12

This procedure was completed at 15:04:50

MEANS VARIABLES=AGE BY GENDER/STATISTICS=ALL.

***** Given WORKSPACE allows for 10922 Cells with 1 Dimensions for MEANS.

Summaries of AGE Current age
 By levels of GENDER Gender

Variable	Value	Label	Mean	Std Dev	Cases
For Entire Population			49.5575	14.0516	461
GENDER	0	Female	49.7254	13.9703	284
GENDER	1	Male	49.2881	14.2167	177

Total Cases = 501
 Missing Cases = 40 OR 8.0 PCT.

Summaries of AGE Current age
By levels of GENDER Gender

Value	Label	Mean	Std Dev	Sum of Sq	Cases
0	Female	49.7254	13.9703	55232.5775	284
1	Male	49.2881	14.2167	35572.3051	177

Within Groups Total		49.5575	14.0653	90804.8825	461

Criterion Variable AGE

Analysis of Variance

Source	Sum of Squares	D.F.	Mean Square	F	Sig.
Between Groups	20.8441	1	20.8441	.1054	.7456

With fewer than three groups, the relationship is linear

Within Groups	90804.8825	459	197.8320		
	Eta = .0151	Eta Squared = .0002			

This procedure was completed at 15:04:53
MEANS VARIABLES=AGE BY YESNO/STATISTICS=ALL.

***** Given WORKSPACE allows for 10922 Cells with 1 Dimensions for MEANS.

Summaries of AGE Current age
 By levels of YESNO Would you vote for or against millage in

Variable	Value	Label	Mean	Std Dev	Cases
For Entire Population			49.5287	14.0895	471
YESNO	0	Against	48.2374	13.6771	219
YESNO	1	For	48.8239	13.8918	142
YESNO	8	Dont Know	53.0091	14.6966	110

Total Cases = 501

Missing Cases = 30 OR 6.0 PCT.

Summaries of AGE Current age
 By levels of YESNO Would you vote for or against millage in

Value	Label	Mean	Std Dev	Sum of Sq	Cases
0	Against	48.2374	13.6771	40779.6530	219
1	For	48.8239	13.8918	27210.5986	142
8	Dont Know	53.0091	14.6966	23542.9909	110
Within Groups Total		49.5287	13.9851	91533.2425	471

Criterion Variable AGE

Analysis of Variance

Source	Sum of Squares	D.F.	Mean Square	F	Sig.
Between Groups	1768.1206	2	884.0603	4.5201	.0114
Linearity	1768.1113	1	1768.1113	9.0402	.0028
Dev. from Linearity	.0093	1	.0093	.0000	.9945
	R = .1377		R Squared = .0190		
Within Groups	91533.2425	468	195.5839		
	Eta = .1377		Eta Squared = .0190		

This procedure was completed at 15:04:55

RECODE PROP A (8=9).
RECODE HOMEOWN (2=0).
RECODE ATTEND (8=9).

CORRELATIONS VARIABLES=VOTEYES VOTENO DONTKNOW ABSENTEE PRIMARY
The raw data or transformation pass is proceeding
501 cases are written to the compressed active file.
SENIOR DEMOCRAT REPUBLIC HOUSE PROP A HOMEOWN PAPER RADIO TV ADS
MEETINGS CONTACT MAIL OTHER ATTEND AGE EDUCATE GENDER
INCREASE/OPTIONS=2 5.

Correlations:	VOTEYES	VOTENO	DONTKNOW	ABSENTEE	PRIMARY	SENIOR
VOTEYES	1.0000 (0) P= .	-.6033 (499) P= .000	-.3671 (499) P= .000	-.0335 (498) P= .456	.0346 (499) P= .441	-.0448 (499) P= .318
VOTENO	-.6033 (499) P= .000	1.0000 (0) P= .	-.5203 (499) P= .000	-.0672 (498) P= .134	-.0769 (499) P= .086	-.0581 (499) P= .195
DONTKNOW	-.3671 (499) P= .000	-.5203 (499) P= .000	1.0000 (0) P= .	.1141 (498) P= .011	.0527 (499) P= .240	.1158 (499) P= .010
ABSENTEE	-.0335 (498) P= .456	-.0672 (498) P= .134	.1141 (498) P= .011	1.0000 (0) P= .	.1730 (500) P= .000	.7165 (500) P= .000
PRIMARY	.0346 (499) P= .441	-.0769 (499) P= .086	.0527 (499) P= .240	.1730 (500) P= .000	1.0000 (0) P= .	.0959 (501) P= .032
SENIOR	-.0448 (499) P= .318	-.0581 (499) P= .195	.1158 (499) P= .010	.7165 (500) P= .000	.0959 (501) P= .032	1.0000 (0) P= .
DEMOCRAT	.0574 (499) P= .201	-.0335 (499) P= .455	-.0223 (499) P= .619	.0756 (500) P= .091	.1363 (501) P= .002	.0452 (501) P= .313
REPUBLIC	-.0057 (499) P= .898	.0504 (499) P= .261	-.0527 (499) P= .240	.0551 (500) P= .219	.1072 (501) P= .016	-.0080 (501) P= .858
HOUSE	.0209 (494) P= .643	.0599 (494) P= .184	-.0919 (494) P= .041	.0675 (495) P= .134	.1110 (496) P= .013	-.0304 (496) P= .500
PROPA	-.0601 (495) P= .182	-.0266 (495) P= .556	.0953 (495) P= .034	.0136 (496) P= .763	.1152 (497) P= .010	.0511 (497) P= .255
HOMEOWN	-.0780 (498) P= .082	.0266 (498) P= .554	.0527 (498) P= .240	-.0625 (499) P= .163	.0838 (500) P= .061	-.0176 (500) P= .694
PAPER	.0364 (498) P= .418	-.0592 (498) P= .187	.0302 (498) P= .501	-.0205 (499) P= .648	-.0218 (500) P= .627	-.0324 (500) P= .470

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	VOTEYES	VOTENO	DONTKNOW	ABSENTEE	PRIMARY	SENIOR
RADIO	.0503 (499) P= .262	-.0124 (499) P= .782	-.0394 (499) P= .380	-.0144 (500) P= .747	.0310 (501) P= .489	.0064 (501) P= .887
TV	.0353 (499) P= .432	-.0539 (499) P= .229	.0251 (499) P= .575	.0600 (500) P= .181	.0012 (501) P= .979	.0763 (501) P= .088
ADS	.0186 (499) P= .678	-.0612 (499) P= .172	.0514 (499) P= .251	-.0436 (500) P= .331	-.0286 (501) P= .523	-.0005 (501) P= .992
MEETINGS	.0139 (499) P= .757	.0085 (499) P= .849	-.0248 (499) P= .580	.0151 (500) P= .736	.0376 (501) P= .400	-.0171 (501) P= .702
CONTACT	-.0122 (499) P= .785	-.0552 (499) P= .218	.0775 (499) P= .084	-.0126 (500) P= .779	.0836 (501) P= .061	.0353 (501) P= .430
MAIL	.0334 (498) P= .457	-.0697 (498) P= .121	.0454 (498) P= .312	-.0068 (499) P= .880	-.0058 (500) P= .896	.0377 (500) P= .400
OTHER	.0722 (499) P= .107	-.0402 (499) P= .370	-.0304 (499) P= .499	.0030 (500) P= .947	.0594 (501) P= .184	-.0022 (501) P= .961
ATTEND	.0702 (484) P= .123	-.0472 (484) P= .300	-.0205 (484) P= .653	-.0327 (485) P= .472	-.0201 (486) P= .658	-.0792 (486) P= .081
AGE	-.0329 (471) P= .476	-.0855 (471) P= .064	.1365 (471) P= .003	.5850 (472) P= .000	.1194 (473) P= .009	.7074 (473) P= .000
EDUCATE	.1167 (490) P= .010	-.0640 (490) P= .157	-.0508 (490) P= .262	-.0656 (490) P= .147	.0360 (491) P= .425	-.2231 (491) P= .000
GENDER	.0229 (488) P= .614	.0419 (488) P= .356	-.0735 (488) P= .105	-.0093 (488) P= .838	-.0379 (489) P= .403	-.0613 (489) P= .176
INCREASE	.0209 (494) P= .643	.0599 (494) P= .184	-.0919 (494) P= .041	.0675 (495) P= .134	.1110 (496) P= .013	-.0304 (496) P= .500

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	DEMOCRAT	REPUBLIC	HOUSE	PROPA	HOMEOWN	PAPER
VOTEYES	.0574 (499) P= .201	-.0057 (499) P= .898	.0209 (494) P= .643	-.0601 (495) P= .182	-.0780 (498) P= .082	.0364 (498) P= .418
VOTENO	-.0335 (499) P= .455	.0504 (499) P= .261	.0599 (494) P= .184	-.0266 (495) P= .556	.0266 (498) P= .554	-.0592 (498) P= .187
DONTKNOW	-.0223 (499) P= .619	-.0527 (499) P= .240	-.0919 (494) P= .041	.0953 (495) P= .034	.0527 (498) P= .240	.0302 (498) P= .501
ABSENTEE	.0756 (500) P= .091	.0551 (500) P= .219	.0675 (495) P= .134	.0136 (496) P= .763	-.0625 (499) P= .163	-.0205 (499) P= .648
PRIMARY	.1363 (501) P= .002	.1072 (501) P= .016	.1110 (496) P= .013	.1152 (497) P= .010	.0838 (500) P= .061	-.0218 (500) P= .627
SENIOR	.0452 (501) P= .313	-.0080 (501) P= .858	-.0304 (496) P= .500	.0511 (497) P= .255	-.0176 (500) P= .694	-.0324 (500) P= .470
DEMOCRAT	1.0000 (0) P= .	-.3733 (501) P= .000	-.0042 (496) P= .926	.0241 (497) P= .592	.0000 (500) P=1.000	-.0080 (500) P= .859
REPUBLIC	-.3733 (501) P= .000	1.0000 (0) P= .	.0771 (496) P= .086	-.0195 (497) P= .665	-.0231 (500) P= .607	-.0072 (500) P= .872
HOUSE	-.0042 (496) P= .926	.0771 (496) P= .086	1.0000 (0) P= .	.0620 (492) P= .170	.0644 (495) P= .152	.0370 (495) P= .411
PROPA	.0241 (497) P= .592	-.0195 (497) P= .665	.0620 (492) P= .170	1.0000 (0) P= .	.2232 (496) P= .000	.0656 (496) P= .145
HOMEOWN	.0000 (500) P=1.000	-.0231 (500) P= .607	.0644 (495) P= .152	.2232 (496) P= .000	1.0000 (0) P= .	.0954 (499) P= .033
PAPER	-.0080 (500) P= .859	-.0072 (500) P= .872	.0370 (495) P= .411	.0656 (496) P= .145	.0954 (499) P= .033	1.0000 (0) P= .

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	DEMOCRAT	REPUBLIC	HOUSE	PROPA	HOMEOWN	PAPER
RADIO	.0427 (501) P= .341	-.0130 (501) P= .771	-.0350 (496) P= .437	-.0157 (497) P= .726	-.0123 (500) P= .784	.0867 (500) P= .053
TV	.0714 (501) P= .110	-.0312 (501) P= .485	-.1035 (496) P= .021	-.0315 (497) P= .483	-.0481 (500) P= .283	.1391 (500) P= .002
ADS	.0600 (501) P= .180	-.0413 (501) P= .356	-.0879 (496) P= .050	.0498 (497) P= .268	-.0245 (500) P= .584	.0701 (500) P= .118
MEETINGS	-.0153 (501) P= .733	.0078 (501) P= .861	.0958 (496) P= .033	.1216 (497) P= .007	.0468 (500) P= .296	.0413 (500) P= .357
CONTACT	.0324 (501) P= .469	.0420 (501) P= .348	.0062 (496) P= .890	.0576 (497) P= .199	.0497 (500) P= .267	.0427 (500) P= .341
MAIL	.0601 (500) P= .180	-.0778 (500) P= .082	-.0588 (495) P= .192	.0935 (496) P= .037	.0496 (499) P= .268	.0373 (499) P= .406
OTHER	.0228 (501) P= .611	-.0219 (501) P= .625	.1026 (496) P= .022	.0031 (497) P= .945	-.0370 (500) P= .410	-.1941 (500) P= .000
ATTEND	.0279 (486) P= .539	-.0607 (486) P= .181	-.0678 (482) P= .137	-.0156 (482) P= .733	-.0438 (486) P= .335	-.0131 (485) P= .774
AGE	.0900 (473) P= .050	-.0467 (473) P= .310	-.0018 (469) P= .969	.0809 (469) P= .080	.1802 (472) P= .000	-.0048 (472) P= .917
EDUCATE	.0284 (491) P= .530	.0931 (491) P= .039	.2543 (487) P= .000	.1231 (487) P= .007	-.0168 (490) P= .711	.0345 (490) P= .446
GENDER	-.0211 (489) P= .641	.0134 (489) P= .767	-.0045 (484) P= .921	-.0199 (485) P= .662	-.0923 (488) P= .042	-.0008 (488) P= .987
INCREASE	-.0042 (496) P= .926	.0771 (496) P= .086	1.0000 (496) P= .000	.0620 (492) P= .170	.0644 (495) P= .152	.0370 (495) P= .411

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	RADIO	TV	ADS	MEETINGS	CONTACT	MAIL
VOTEYES	.0503 (499) P= .262	.0353 (499) P= .432	.0186 (499) P= .678	.0139 (499) P= .757	-.0122 (499) P= .785	.0334 (498) P= .457
VOTENO	-.0124 (499) P= .782	-.0539 (499) P= .229	-.0612 (499) P= .172	.0085 (499) P= .849	-.0552 (499) P= .218	-.0697 (498) P= .121
DONTKNOW	-.0394 (499) P= .380	.0251 (499) P= .575	.0514 (499) P= .251	-.0248 (499) P= .580	.0775 (499) P= .084	.0454 (498) P= .312
ABSENTEE	-.0144 (500) P= .747	.0600 (500) P= .181	-.0436 (500) P= .331	.0151 (500) P= .736	-.0126 (500) P= .779	-.0068 (499) P= .880
PRIMARY	.0310 (501) P= .489	.0012 (501) P= .979	-.0286 (501) P= .523	.0376 (501) P= .400	.0836 (501) P= .061	-.0058 (500) P= .896
SENIOR	.0064 (501) P= .887	.0763 (501) P= .088	-.0005 (501) P= .992	-.0171 (501) P= .702	.0353 (501) P= .430	.0377 (500) P= .400
DEMOCRAT	.0427 (501) P= .341	.0714 (501) P= .110	.0600 (501) P= .180	-.0153 (501) P= .733	.0324 (501) P= .469	.0601 (500) P= .180
REPUBLIC	-.0130 (501) P= .771	-.0312 (501) P= .485	-.0413 (501) P= .356	.0078 (501) P= .861	.0420 (501) P= .348	-.0778 (500) P= .082
HOUSE	-.0350 (496) P= .437	-.1035 (496) P= .021	-.0879 (496) P= .050	.0958 (496) P= .033	.0062 (496) P= .890	-.0588 (495) P= .192
PROPA	-.0157 (497) P= .726	-.0315 (497) P= .483	.0498 (497) P= .268	.1216 (497) P= .007	.0576 (497) P= .199	.0935 (496) P= .037
HOMEOWN	-.0123 (500) P= .784	-.0481 (500) P= .283	-.0245 (500) P= .584	.0468 (500) P= .296	.0497 (500) P= .267	.0496 (499) P= .268
PAPER	.0867 (500) P= .053	.1391 (500) P= .002	.0701 (500) P= .118	.0413 (500) P= .357	.0427 (500) P= .341	.0373 (499) P= .406

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	RADIO	TV	ADS	MEETINGS	CONTACT	MAIL
RADIO	1.0000 (0) P= .	.2752 (501) P= .000	.2196 (501) P= .000	.0749 (501) P= .094	.0290 (501) P= .517	.1493 (500) P= .001
TV	.2752 (501) P= .000	1.0000 (0) P= .	.1393 (501) P= .002	.0266 (501) P= .553	-.0241 (501) P= .590	.0740 (500) P= .099
ADS	.2196 (501) P= .000	.1393 (501) P= .002	1.0000 (0) P= .	.1128 (501) P= .011	.1049 (501) P= .019	.2784 (500) P= .000
MEETINGS	.0749 (501) P= .094	.0266 (501) P= .553	.1128 (501) P= .011	1.0000 (0) P= .	.2617 (501) P= .000	.0736 (500) P= .100
CONTACT	.0290 (501) P= .517	-.0241 (501) P= .590	.1049 (501) P= .019	.2617 (501) P= .000	1.0000 (0) P= .	.1830 (500) P= .000
MAIL	.1493 (500) P= .001	.0740 (500) P= .099	.2784 (500) P= .000	.0736 (500) P= .100	.1830 (500) P= .000	1.0000 (0) P= .
OTHER	.1045 (501) P= .019	-.0321 (501) P= .473	-.0746 (501) P= .095	.1196 (501) P= .007	.0592 (501) P= .186	.0020 (500) P= .964
ATTEND	.1037 (486) P= .022	.0064 (486) P= .889	.0390 (486) P= .391	.0244 (486) P= .592	.0053 (486) P= .906	.0018 (485) P= .969
AGE	-.0133 (473) P= .774	.0626 (473) P= .174	-.0169 (473) P= .714	.0615 (473) P= .182	.0812 (473) P= .078	.0730 (472) P= .113
EDUCATE	-.0219 (491) P= .628	-.0859 (491) P= .057	-.0443 (491) P= .328	.1260 (491) P= .005	.0860 (491) P= .057	-.0757 (490) P= .094
GENDER	.0510 (489) P= .260	.0026 (489) P= .954	.0004 (489) P= .993	-.0414 (489) P= .361	-.0774 (489) P= .088	-.0931 (488) P= .040
INCREASE	-.0350 (496) P= .437	-.1035 (496) P= .021	-.0879 (496) P= .050	.0958 (496) P= .033	.0062 (496) P= .890	-.0588 (495) P= .192

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	OTHER	ATTEND	AGE	EDUCATE	GENDER	INCREASE
VOTEYES	.0722 (499) P= .107	.0702 (484) P= .123	-.0329 (471) P= .476	.1167 (490) P= .010	.0229 (488) P= .614	.0209 (494) P= .643
VOTENO	-.0402 (499) P= .370	-.0472 (484) P= .300	-.0855 (471) P= .064	-.0640 (490) P= .157	.0419 (488) P= .356	.0599 (494) P= .184
DONTKNOW	-.0304 (499) P= .499	-.0205 (484) P= .653	.1365 (471) P= .003	-.0508 (490) P= .262	-.0735 (488) P= .105	-.0919 (494) P= .041
ABSENTEE	.0030 (500) P= .947	-.0327 (485) P= .472	.5850 (472) P= .000	-.0656 (490) P= .147	-.0093 (488) P= .838	.0675 (495) P= .134
PRIMARY	.0594 (501) P= .184	-.0201 (486) P= .658	.1194 (473) P= .009	.0360 (491) P= .425	-.0379 (489) P= .403	.1110 (496) P= .013
SENIOR	-.0022 (501) P= .961	-.0792 (486) P= .081	.7074 (473) P= .000	-.2231 (491) P= .000	-.0613 (489) P= .176	-.0304 (496) P= .500
DEMOCRAT	.0228 (501) P= .611	.0279 (486) P= .539	.0900 (473) P= .050	.0284 (491) P= .530	-.0211 (489) P= .641	-.0042 (496) P= .926
REPUBLIC	-.0219 (501) P= .625	-.0607 (486) P= .181	-.0467 (473) P= .310	.0931 (491) P= .039	.0134 (489) P= .767	.0771 (496) P= .086
HOUSE	.1026 (496) P= .022	-.0678 (482) P= .137	-.0018 (469) P= .969	.2543 (487) P= .000	-.0045 (484) P= .921	1.0000 (496) P= .000
PROPA	.0031 (497) P= .945	-.0156 (482) P= .733	.0809 (469) P= .080	.1231 (487) P= .007	-.0199 (485) P= .662	.0620 (492) P= .170
HOMEOWN	-.0370 (500) P= .410	-.0438 (486) P= .335	.1802 (472) P= .000	-.0168 (490) P= .711	-.0923 (488) P= .042	.0644 (495) P= .152
PAPER	-.1941 (500) P= .000	-.0131 (485) P= .774	-.0048 (472) P= .917	.0345 (490) P= .446	-.0008 (488) P= .987	.0370 (495) P= .411

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Correlations:	OTHER	ATTEND	AGE	EDUCATE	GENDER	INCREASE
RADIO	.1045 (501) P= .019	.1037 (486) P= .022	-.0133 (473) P= .774	-.0219 (491) P= .628	.0510 (489) P= .260	-.0350 (496) P= .437
TV	-.0321 (501) P= .473	.0064 (486) P= .889	.0626 (473) P= .174	-.0859 (491) P= .057	.0026 (489) P= .954	-.1035 (496) P= .021
ADS	-.0746 (501) P= .095	.0390 (486) P= .391	-.0169 (473) P= .714	-.0443 (491) P= .328	.0004 (489) P= .993	-.0879 (496) P= .050
MEETINGS	.1196 (501) P= .007	.0244 (486) P= .592	.0615 (473) P= .182	.1260 (491) P= .005	-.0414 (489) P= .361	.0958 (496) P= .033
CONTACT	.0592 (501) P= .186	.0053 (486) P= .906	.0812 (473) P= .078	.0860 (491) P= .057	-.0774 (489) P= .088	.0062 (496) P= .890
MAIL	.0020 (500) P= .964	.0018 (485) P= .969	.0730 (472) P= .113	-.0757 (490) P= .094	-.0931 (488) P= .040	-.0588 (495) P= .192
OTHER	1.0000 (0) P= .	.0011 (486) P= .980	-.0014 (473) P= .975	.1196 (491) P= .008	-.0035 (489) P= .938	.1026 (496) P= .022
ATTEND	.0011 (486) P= .980	1.0000 (0) P= .	-.1489 (459) P= .001	.0064 (479) P= .888	-.1295 (475) P= .005	-.0678 (482) P= .137
AGE	-.0014 (473) P= .975	-.1489 (459) P= .001	1.0000 (0) P= .	-.2313 (466) P= .000	-.0151 (461) P= .746	-.0018 (469) P= .969
EDUCATE	.1196 (491) P= .008	.0064 (479) P= .888	-.2313 (466) P= .000	1.0000 (0) P= .	.1432 (480) P= .002	.2543 (487) P= .000
GENDER	-.0035 (489) P= .938	-.1295 (475) P= .005	-.0151 (461) P= .746	.1432 (480) P= .002	1.0000 (0) P= .	-.0045 (484) P= .921
INCREASE	.1026 (496) P= .022	-.0678 (482) P= .137	-.0018 (469) P= .969	.2543 (487) P= .000	-.0045 (484) P= .921	1.0000 (0) P= .

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

This procedure was completed at 15:06:09

REGRESSION

/MISSING PAIRWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN (.05) POUT (.10)

/NOORIGIN

/DEPENDENT VOTEYES

/METHOD=ENTER AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE
PROPA PRIMARY.

***** MULTIPLE REGRESSION *****

Pairwise Deletion of Missing Data

Equation Number 1 Dependent Variable.. VOTEYES Would you vote for or aga

Block Number 1. Method: Enter

AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE PROP A PRIMARY

Variable(s) Entered on Step Number

- 1.. PRIMARY Voted in August 92 primary
- 2.. ATTEND Anyone in family or friends ever attend
- 3.. EDUCATE Highest level of education you have comp
- 4.. HOMEOWN Do you own a home in Oakland County
- 5.. GENDER Gender
- 6.. PROP A Voted in March 1994 election (Proposal A
- 7.. HOUSE Estimated value of house (1990 Census bl
- 8.. AGE Current age

Multiple R .17192
 R Square .02956
 Adjusted R Square .01231
 Standard Error .45527

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	8	2.84094	.35512
Residual	450	93.27378	.20728

F = 1.71327 Signif F = .0931

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
PRIMARY	.043216	.047724	.042911	.906	.3657
ATTEND	.066801	.045247	.070157	1.476	.1405
EDUCATE	.038736	.015602	.125452	2.483	.0134
HOMEOWN	-.095989	.072901	-.064027	-1.317	.1886
GENDER	.008244	.045172	.008698	.182	.8553
PROP A	-.086104	.062903	-.066222	-1.369	.1717
HOUSE	-1.66293E-05	2.99195E-04	-.002699	-.056	.9557
AGE	5.981534E-04	.001604	.018472	.373	.7094
(Constant)	.155317	.141067		1.101	.2715

End Block Number 1 All requested variables entered.

This procedure was completed at 15:06:29

REGRESSION

/MISSING PAIRWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN (.05) POUT (.10)

/NOORIGIN

/DEPENDENT VOTENO

/METHOD=ENTER AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE

PROPA PRIMARY.

***** MULTIPLE REGRESSION *****

Pairwise Deletion of Missing Data

Equation Number 1 Dependent Variable.. VOTENO Would you vote for or agai

Block Number 1. Method: Enter

AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE PROPA PRIMARY

Variable(s) Entered on Step Number

- 1.. PRIMARY Voted in August 92 primary
- 2.. ATTEND Anyone in family or friends ever attend
- 3.. EDUCATE Highest level of education you have comp
- 4.. HOMEOWN Do you own a home in Oakland County
- 5.. GENDER Gender
- 6.. PROPA Voted in March 1994 election (Proposal A
- 7.. HOUSE Estimated value of house (1990 Census bl
- 8.. AGE Current age

Multiple R .18670
 R Square .03486
 Adjusted R Square .01770
 Standard Error .49454

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	8	3.97450	.49681
Residual	450	110.05461	.24457

F = 2.03140 Signif F = .0414

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
PRIMARY	-.077519	.051839	-.070668	-1.495	.1355
ATTEND	-.052455	.049148	-.050578	-1.067	.2864
EDUCATE	-.039434	.016948	-.117252	-2.327	.0204
HOMEOWN	.083621	.079187	.051209	1.056	.2915
GENDER	.054240	.049067	.052541	1.105	.2696
PROPA	-.015863	.068327	-.011201	-.232	.8165
HOUSE	6.142653E-04	3.24997E-04	.091524	1.890	.0594
AGE	-.004201	.001743	-.119100	-2.411	.0163
(Constant)	.801639	.153232		5.232	.0000

End Block Number 1 All requested variables entered.

This procedure was completed at 15:06:48

REGRESSION

/MISSING PAIRWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN (.05) POUT (.10)

/NOORIGIN

/DEPENDENT DONTKNOW

/METHOD=ENTER AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE

PROPA PRIMARY.

***** MULTIPLE REGRESSION *****

Pairwise Deletion of Missing Data

Equation Number 1 Dependent Variable.. DONTKNOW Would you vote for or ag

Block Number 1. Method: Enter

AGE GENDER ATTEND EDUCATE HOMEOWN HOUSE PROP A PRIMARY

Variable(s) Entered on Step Number

- 1.. PRIMARY Voted in August 92 primary
- 2.. ATTEND Anyone in family or friends ever attend
- 3.. EDUCATE Highest level of education you have comp
- 4.. HOMEOWN Do you own a home in Oakland County
- 5.. GENDER Gender
- 6.. PROP A Voted in March 1994 election (Proposal A
- 7.. HOUSE Estimated value of house (1990 Census bl
- 8.. AGE Current age

Multiple R .20435
 R Square .04176
 Adjusted R Square .02473
 Standard Error .42248

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	8	3.50043	.43755
Residual	450	80.32119	.17849

F = 2.45140 Signif F = .0132

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
PRIMARY	.034109	.044286	.036266	.770	.4416
ATTEND	-.014450	.041988	-.016251	-.344	.7309
EDUCATE	6.121641E-04	.014479	.002123	.042	.9663
HOMEOWN	.012181	.067650	.008700	.180	.8572
GENDER	-.062565	.041918	-.070686	-1.493	.1363
PROP A	.101933	.058372	.083949	1.746	.0814
HOUSE	-5.95121E-04	2.77645E-04	-.103423	-2.143	.0326
AGE	.003648	.001489	.120624	2.450	.0147
(Constant)	.041361	.130906		.316	.7522

End Block Number 1 All requested variables entered.

This procedure was completed at 15:07:07

RECODE HOUSE (0 THRU 25=1)(26 THRU 50=2)(51 THRU 75=3)

(76 THRU 100=4)(101 THRU 125=5)(126 THRU 150=6)(151 THRU 999=7).

VALUE LABELS HOUSE 1 '25,000 or less' 2 '26,000-50,000' 3 '51,000-75,000'

4 '76,000-100,000' 5 '101,000-125,000' 6 '126,000-150,000' 7 '151,000 or more'.

RECODE AGE (0 THRU 30=1)(31 THRU 40=2)(41 THRU 50=3)(51 THRU 60=4)

(61 THRU 98=5).

VALUE LABELS AGE 1 '30 or younger' 2 '31-40' 3 '41-50' 4 '51-60'

5 '61 or older'.

CROSSTABS TABLES=ABSENTEE TO GENDER BY YESNO/CELLS=COUNT ROW COLUMN.

The raw data or transformation pass is proceeding

501 cases are written to the compressed active file.

Memory allows for 13,106 cells with 2 dimensions for general CROSSTABS.

ABSENTEE Voted absentee in August 92 primary
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
ABSENTEE					
No	0	191 47.6 83.4	123 30.7 82.6	87 21.7 72.5	401 80.5
Yes	1	38 39.2 16.6	26 26.8 17.4	33 34.0 27.5	97 19.5
Column Total		229 46.0	149 29.9	120 24.1	498 100.0

Number of Missing Observations: 3

PRIMARY Voted in August 92 primary
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
PRIMARY					
No	0	76 52.1 33.0	40 27.4 26.8	30 20.5 25.0	146 29.3
Yes	1	154 43.6 67.0	109 30.9 73.2	90 25.5 75.0	353 70.7
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

SENIOR At least one voter 60+ in home
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
SENIOR					
No	0	163 48.1 70.9	106 31.3 71.1	70 20.6 58.3	339 67.9
Yes	1	67 41.9 29.1	43 26.9 28.9	50 31.3 41.7	160 32.1
	Column Total	230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

DEMOCRAT Household considered democratic
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
DEMOCRAT					
No	0	176 47.1 76.5	106 28.3 71.1	92 24.6 76.7	374 74.9
Yes	1	54 43.2 23.5	43 34.4 28.9	28 22.4 23.3	125 25.1
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

REPUBLIC Household considered republican
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
REPUBLIC					
No	0	157 44.5 68.3	106 30.0 71.1	90 25.5 75.0	353 70.7
Yes	1	73 50.0 31.7	43 29.5 28.9	30 20.5 25.0	146 29.3
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

HOUSE Estimated value of house (1990 Census bl
by YESNO Would you vote for or against millage in

HOUSE	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
25,000 or less	1 66.7 1.4		2 66.7 1.4	1 33.3 .8	3 .6
26,000-50,000	2 35.0 6.2	14 35.0 6.2	10 25.0 6.8	16 40.0 13.3	40 8.1
51,000-75,000	3 52.8 20.8	47 52.8 20.8	24 27.0 16.2	18 20.2 15.0	89 18.0
76,000-100,000	4 43.4 14.6	33 43.4 14.6	27 35.5 18.2	16 21.1 13.3	76 15.4
101,000-125,000	5 40.7 15.5	35 40.7 15.5	26 30.2 17.6	25 29.1 20.8	86 17.4
126,000-150,000	6 41.3 11.5	26 41.3 11.5	22 34.9 14.9	15 23.8 12.5	63 12.8
151,000 or more	7 51.8 31.4	71 51.8 31.4	37 27.0 25.0	29 21.2 24.2	137 27.7
Column Total		226 45.7	148 30.0	120 24.3	494 100.0

Number of Missing Observations: 7

PROPA Voted in March 1994 election (Proposal A
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
PROPA					
No	0	35 49.3 15.4	26 36.6 17.6	10 14.1 8.4	71 14.3
Yes	1	193 45.5 84.6	122 28.8 82.4	109 25.7 91.6	424 85.7
	Column Total	228 46.1	148 29.9	119 24.0	495 100.0

Number of Missing Observations: 6

HOMEOWN Do you own a home in Oakland County
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
HOMEOWN					
Rent	0	22 42.3 9.6	21 40.4 14.1	9 17.3 7.6	52 10.4
Own home	1	208 46.6 90.4	128 28.7 85.9	110 24.7 92.4	446 89.6
Column Total		230 46.2	149 29.9	119 23.9	498 100.0

Number of Missing Observations: 3

PAPER Newspapers (Editorials/Articles)
 by YESNO Would you vote for or against millage in

Page 1 of 1

PAPER	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
No	0	25 55.6 10.9	11 24.4 7.4	9 20.0 7.5	45 9.0
Yes	1	205 45.3 89.1	137 30.2 92.6	111 24.5 92.5	453 91.0
Column Total		230 46.2	148 29.7	120 24.1	498 100.0

Number of Missing Observations: 3

RADIO Radio (Editorials/newscasts/talkshows)
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
RADIO					
No	0	120 46.7 52.2	71 27.6 47.7	66 25.7 55.0	257 51.5
Yes	1	110 45.5 47.8	78 32.2 52.3	54 22.3 45.0	242 48.5
	Column Total	230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

TV Television (Editorials/newscasts)
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
TV					
No	0	88 49.7 38.3	49 27.7 32.9	40 22.6 33.3	177 35.5
Yes	1	142 44.1 61.7	100 31.1 67.1	80 24.8 66.7	322 64.5
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

ADS Advertizing (public media TV, radio, new
by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
ADS					
No	0	148 48.5 64.3	89 29.2 59.7	68 22.3 56.7	305 61.1
Yes	1	82 42.3 35.7	60 30.9 40.3	52 26.8 43.3	194 38.9
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

MEETINGS Community Meetings
 by YESNO Would you vote for or against millage in

Page 1 of 1

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
MEETINGS					
No	0	171 45.8 74.3	110 29.5 73.8	92 24.7 76.7	373 74.7
Yes	1	59 46.8 25.7	39 31.0 26.2	28 22.2 23.3	126 25.3
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

CONTACT Personal contacts with candidates/repres
 by YESNO Would you vote for or against millage in

CONTACT	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
No	0	177 47.7 77.0	112 30.2 75.2	82 22.1 68.3	371 74.3
Yes	1	53 41.4 23.0	37 28.9 24.8	38 29.7 31.7	128 25.7
	Column Total	230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

MAIL Direct mail sent to your home
 by YESNO Would you vote for or against millage in

		YESNO			
MAIL	Count	Against	For	Dont Kno w	Row Total
	Row Pct Col Pct				
No	0	119	68	53	240
		49.6	28.3	22.1	48.2
		52.0	45.6	44.2	
Yes	1	110	81	67	258
		42.6	31.4	26.0	51.8
		48.0	54.4	55.8	
Column Total		229	149	120	498
		46.0	29.9	24.1	100.0

Number of Missing Observations: 3

OTHER Other by YESNO Would you vote for or against millage in

Page 1 of 1

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
OTHER					
No	0	183 47.2 79.6	109 28.1 73.2	96 24.7 80.0	388 77.8
Yes	1	47 42.3 20.4	40 36.0 26.8	24 21.6 20.0	111 22.2
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

MOSTIMP Single most important source
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
MOSTIMP					
1					
Newspaper	120 42.1 54.3	95 33.3 66.4	70 24.6 63.6	285 60.1	
2					
Radio	19 67.9 8.6	6 21.4 4.2	3 10.7 2.7	28 5.9	
3					
Television	30 68.2 13.6	10 22.7 7.0	4 9.1 3.6	44 9.3	
4					
Advertising	3 23.1 1.4	3 23.1 2.1	7 53.8 6.4	13 2.7	
5					
Community Meetin	5 55.6 2.3	2 22.2 1.4	2 22.2 1.8	9 1.9	
6					
Personal Contact	12 48.0 5.4	3 12.0 2.1	10 40.0 9.1	25 5.3	
7					
Direct Mail	11 42.3 5.0	9 34.6 6.3	6 23.1 5.5	26 5.5	
8					
Other	21 47.7 9.5	15 34.1 10.5	8 18.2 7.3	44 9.3	
Column Total	221 46.6	143 30.2	110 23.2	474 100.0	

Number of Missing Observations: 27

REVENUE Revenue source that should contribute mo
 by YESNO Would you vote for or against millage in

REVENUE	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
Tuition	1	96 67.6 45.1	24 16.9 16.8	22 15.5 22.4	142 31.3
State Aid	2	37 37.8 17.4	39 39.8 27.3	22 22.4 22.4	98 21.6
Local Taxes	3	9 30.0 4.2	16 53.3 11.2	5 16.7 5.1	30 6.6
State Aid + Tuit	4	21 53.8 9.9	12 30.8 8.4	6 15.4 6.1	39 8.6
State Aid + Loca	5	3 16.7 1.4	12 66.7 8.4	3 16.7 3.1	18 4.0
Tuition + Local	6	8 40.0 3.8	5 25.0 3.5	7 35.0 7.1	20 4.4
Tuition + State	7	39 36.4 18.3	35 32.7 24.5	33 30.8 33.7	107 23.6
Column Total		213 46.9	143 31.5	98 21.6	454 100.0

Number of Missing Observations: 47

MILLS Know how many mills go to OCC?
 by YESNO Would you vote for or against millage in

MILLS	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
Less than one	1 36.4 1.7	4 36.4 1.7	5 45.5 3.4	2 18.2 1.7	11 2.2
One mill	2 44.4 3.5	8 44.4 3.5	6 33.3 4.0	4 22.2 3.3	18 3.6
More than one bu	3 42.9 2.6	6 42.9 2.6	5 35.7 3.4	3 21.4 2.5	14 2.8
More than two	4 63.6 3.0	7 63.6 3.0	1 9.1 .7	3 27.3 2.5	11 2.2
Dont know	8 46.1 89.1	205 46.1 89.1	132 29.7 88.6	108 24.3 90.0	445 89.2
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

YESNO Would you vote for or against millage in
 by YESNO Would you vote for or against millage in

		YESNO			
YESNO	Count Row Pct Col Pct	Against	For	Dont Kno w	Row Total
		0	1	8	
Against	0	230 100.0 100.0			230 46.1
For	1		149 100.0 100.0		149 29.9
Dont Know	8			120 100.0 100.0	120 24.0
Column Total		230 46.1	149 29.9	120 24.0	499 100.0

Number of Missing Observations: 2

WHY Why would you vote this way?
 by YESNO Would you vote for or against millage in

WHY	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
1 Need more info	6 9.7 2.7	4 6.5 2.7	52 83.9 59.1	62 13.5	
2 OCC meets needs	1 5.0 .5	18 90.0 12.2	1 5.0 1.1	20 4.4	
3 Family/personal		29 100.0 19.6		29 6.3	
4 Support educatio	1 1.3 .5	73 94.8 49.3	3 3.9 3.4	77 16.8	
5 OCC meets commun		12 100.0 8.1		12 2.6	
6 Afordable increa		5 83.3 3.4	1 16.7 1.1	6 1.3	
7 Keep tuition/acc		5 83.3 3.4	1 16.7 1.1	6 1.3	
11 No more taxation	132 95.7 59.5	2 1.4 1.4	4 2.9 4.5	138 30.1	
12 No kids in schoo	16 88.9 7.2		2 11.1 2.3	18 3.9	
13 Tuition should f	32 91.4 14.4		3 8.6 3.4	35 7.6	
14 K-12 needs money	9 81.8 4.1		2 18.2 2.3	11 2.4	
Column (Continued) Total	222 48.5	148 32.3	88 19.2	458 100.0	

WHY Why would you vote this way?
 by YESNO Would you vote for or against millage in

WHY	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
State funding sh	15 100.0 2.7	6			6 1.3
Low quality of e	16 100.0 2.7	6			6 1.3
Better allocatio	17 100.0 5.4	12			12 2.6
Dont know	88 5.0 .5	1		19 95.0 21.6	20 4.4
Column Total		222 48.5	148 32.3	88 19.2	458 100.0

Number of Missing Observations: 43

INFONEED What information would you like
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno W 8	
INFONEED					
programs	1	3 25.0 1.5	5 41.7 3.5	4 33.3 3.6	12 2.6
Nothing	2	73 65.2 <u>35.6</u>	29 25.9 <u>20.6</u>	10 8.9 8.9	112 24.5
How students ben	3	3 33.3 1.5	4 44.4 2.8	2 22.2 1.8	9 2.0
How will it be s	4	43 36.1 <u>21.0</u>	44 37.0 <u>31.2</u>	32 26.9 <u>28.6</u>	119 26.0
Existing \$ and s	5	34 32.1 16.6	32 30.2 <u>22.7</u>	40 37.7 <u>35.7</u>	106 23.1
Benefit to commu	6	3 30.0 1.5	3 30.0 2.1	4 40.0 3.6	10 2.2
Unbias info	7	38 54.3 <u>18.5</u>	19 27.1 13.5	13 18.6 <u>11.6</u>	70 15.3
Effect of Propos	8	2 50.0 1.0		2 50.0 1.8	4 .9
OCC Effectivenes	9	1 50.0 .5	1 50.0 .7		2 .4
Dont know	88	5 35.7 2.4	4 28.6 2.8	5 35.7 4.5	14 3.1
Column Total		205 44.8	141 30.8	112 24.5	458 100.0

Number of Missing Observations: 43

ATTEND Anyone in family or friends ever attend
 by YESNO Would you vote for or against millage in

	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
ATTEND					
No	0	86 49.4 38.4	45 25.9 30.8	43 24.7 37.7	174 36.0
Yes	1	138 44.5 61.6	101 32.6 69.2	71 22.9 62.3	310 64.0
	Column Total	224 46.3	146 30.2	114 23.6	484 100.0

Number of Missing Observations: 17

AGE Current age by YESNO Would you vote for or against millage in

AGE	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
30 or younger	1	17 48.6 7.8	14 40.0 9.9	4 11.4 3.6	35 7.4
31-40	2	56 54.4 25.6	23 22.3 16.2	24 23.3 21.8	103 21.9
41-50	3	67 48.9 30.6	45 32.8 31.7	25 18.2 22.7	137 29.1
51-60	4	31 38.3 14.2	29 35.8 20.4	21 25.9 19.1	81 17.2
61 or older	5	48 41.7 21.9	31 27.0 21.8	36 31.3 32.7	115 24.4
Column Total		219 46.5	142 30.1	110 23.4	471 100.0

Number of Missing Observations: 30

EDUCATE Highest level of education you have comp
 by YESNO Would you vote for or against millage in

EDUCATE	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
1 Grades 1 to 8 or	1 20.0 .4	1 20.0 .4	1 20.0 .7	3 60.0 2.6	5 1.0
2 Some high school	7 43.8 3.1	5 31.3 3.4	4 25.0 3.4	4 25.0 3.4	16 3.3
3 High school grad	49 55.7 21.8	19 21.6 12.8	20 22.7 17.1	20 22.7 17.1	88 18.0
4 Vocational or te	6 54.5 2.7	3 27.3 2.0	2 18.2 1.7	2 18.2 1.7	11 2.2
5 Some college	58 44.3 25.8	34 26.0 23.0	39 29.8 33.3	39 29.8 33.3	131 26.7
6 College graduate	70 45.8 31.1	52 34.0 35.1	31 20.3 26.5	31 20.3 26.5	153 31.2
7 Post-graduate	34 39.5 15.1	34 39.5 23.0	18 20.9 15.4	18 20.9 15.4	86 17.6
Column Total	225 45.9	148 30.2	117 23.9	490 100.0	

Number of Missing Observations: 11

RACE Race by YESNO Would you vote for or against millage in

Page 1 of 1

RACE	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
White	1 209 46.7 95.0	137 30.6 94.5	102 22.8 94.4	448 94.7	
African-American	2 7 41.2 3.2	5 29.4 3.4	5 29.4 4.6	17 3.6	
Hispanic	3 1 33.3 .5	2 66.7 1.4		3 .6	
Asian	4		1 100.0 .9	1 .2	
Other	5 3 75.0 1.4	1 25.0 .7		4 .8	
Column Total	220 46.5	145 30.7	108 22.8	473 100.0	

Number of Missing Observations: 28

GENDER Gender by YESNO Would you vote for or against millage in

Page 1 of 1

GENDER	Count Row Pct Col Pct	YESNO			Row Total
		Against 0	For 1	Dont Kno w 8	
Female	0	136 44.3 60.7	90 29.3 61.2	81 26.4 69.2	307 62.9
Male	1	88 48.6 39.3	57 31.5 38.8	36 19.9 30.8	181 37.1
	Column Total	224 45.9	147 30.1	117 24.0	488 100.0

Number of Missing Observations: 13

This procedure was completed at 15:07:33
finish.

End of Include file.