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Statewide ★ Transportation Analysis & Research

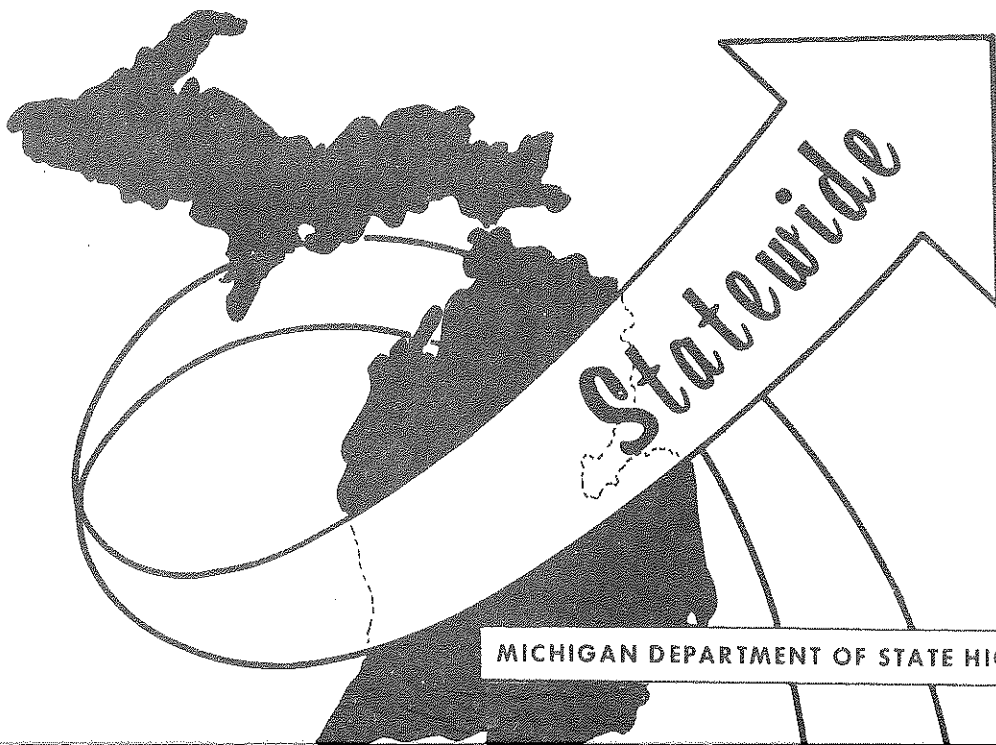
MICHIGAN STATEWIDE TRANSPORTATION MODEL

SCHOOL DISTRICT DATA FILE

Vol. IX-D

DECEMBER 1976

STATEWIDE TRANSPORTATION PROCEDURES



MICHIGAN DEPARTMENT OF STATE HIGHWAYS AND TRANSPORTATION

MICHIGAN DEPARTMENT

OF

STATE HIGHWAYS AND TRANSPORTATION BUREAU OF TRANSPORTATION PLANNING

MICHIGAN STATEWIDE TRANSPORTATION MODEL

SCHOOL DISTRICT DATA FILE

Vol. IX-D

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STATEWIDE TRANSPORTATION PROCEDURES

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DEPARTMENT OF STATE HIGHWAYS AND TRANSPORTATION

STATE HIGHWAYS BUILDING, 425 WEST OTTAWA PHONE 517-373-2090
POST OFFICE DRAWER K, LANSING, MICHIGAN 48904

JOHN P. WOODFORD, DIRECTOR

January 27, 1976

Mr. Sam F. Cryderman, Deputy Director
Bureau of Transportation Planning
Michigan Department of State Highways
and Transportation
P.O. Drawer K
Lansing, Michigan 48904

Dear Mr. Cryderman:

The following report serves to document the preparation of a file containing over forty items of transportation-related information for each school district in the state. The data has also been summarized to the Statewide Transportation Model's zone system for use in comparison with other data at the zone level and for use in graphic display routines which now use the zone system.

While originally developed to assist the Mass Transportation Planning Section, other sections may also find the information helpful.

This report was prepared by Alan R. Friend of the Statewide Transportation Planning Section under the supervision of Richard E. Esch.

Sincerely,

A handwritten signature in cursive script that reads "R.J. Lilly".

R.J. Lilly, Administrator
Highway Planning Division



SCHOOL DISTRICT DATA FILE

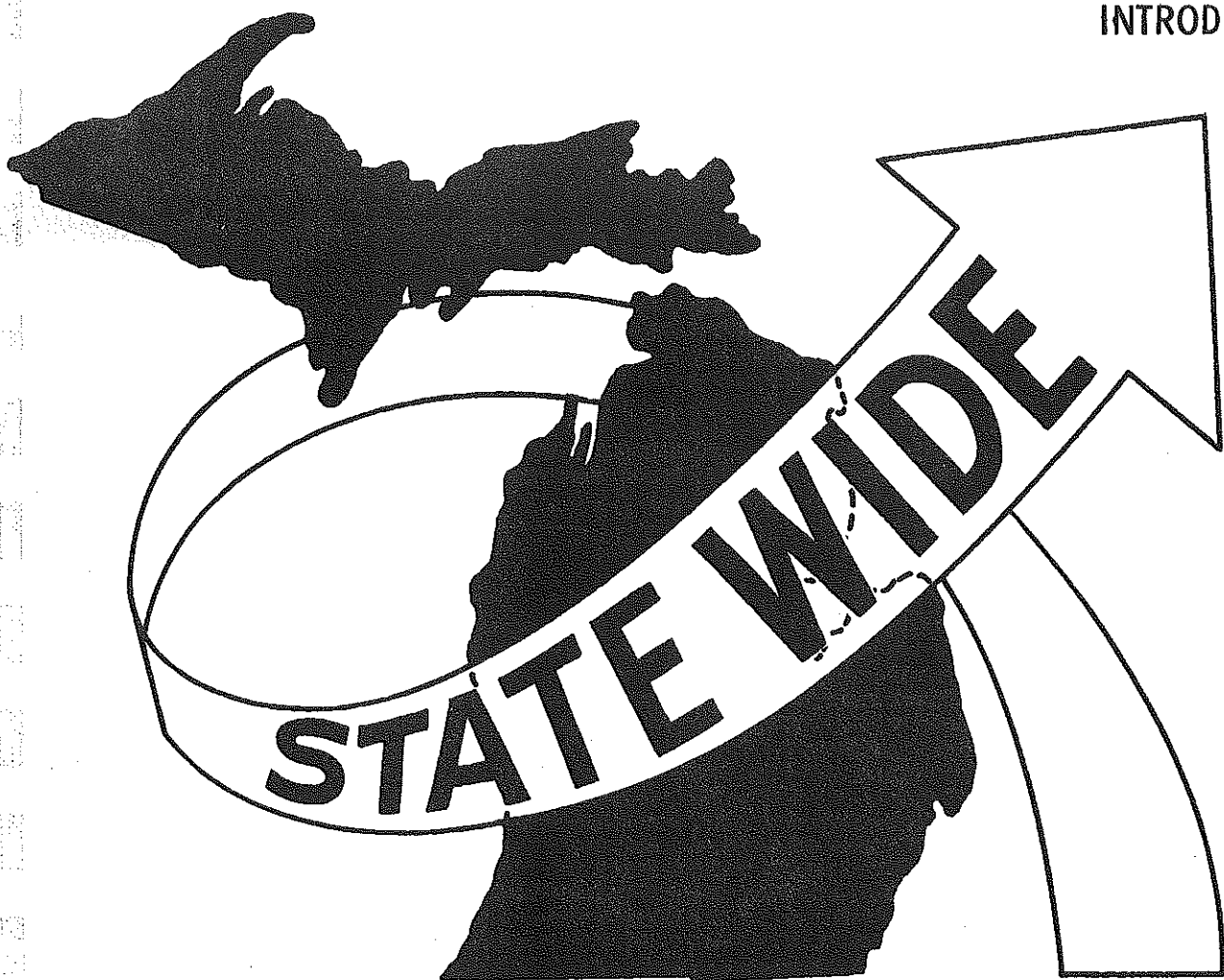
BY

ALAN R. FRIEND

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INTRODUCTION



Introduction

The following pages serve to document the compilation of selected pieces of information for school districts on a statewide basis.

The files were prepared at the school district level and were also summarized to the 547 zone system now being used in the Statewide Transportation Modeling System. Figure 1 shows how the state is divided into zones.

Having the school district information by zone allows a comparison with a great deal of other information also by zone. These zones are in turn connected by a network of highway segments.

The contents of some of the presently available files can be seen in Figures 2A, 2B, and 2C.

Present procedures for graphic display and analysis of zonal data can be applied to the school district information. Examples are shown in a later section.

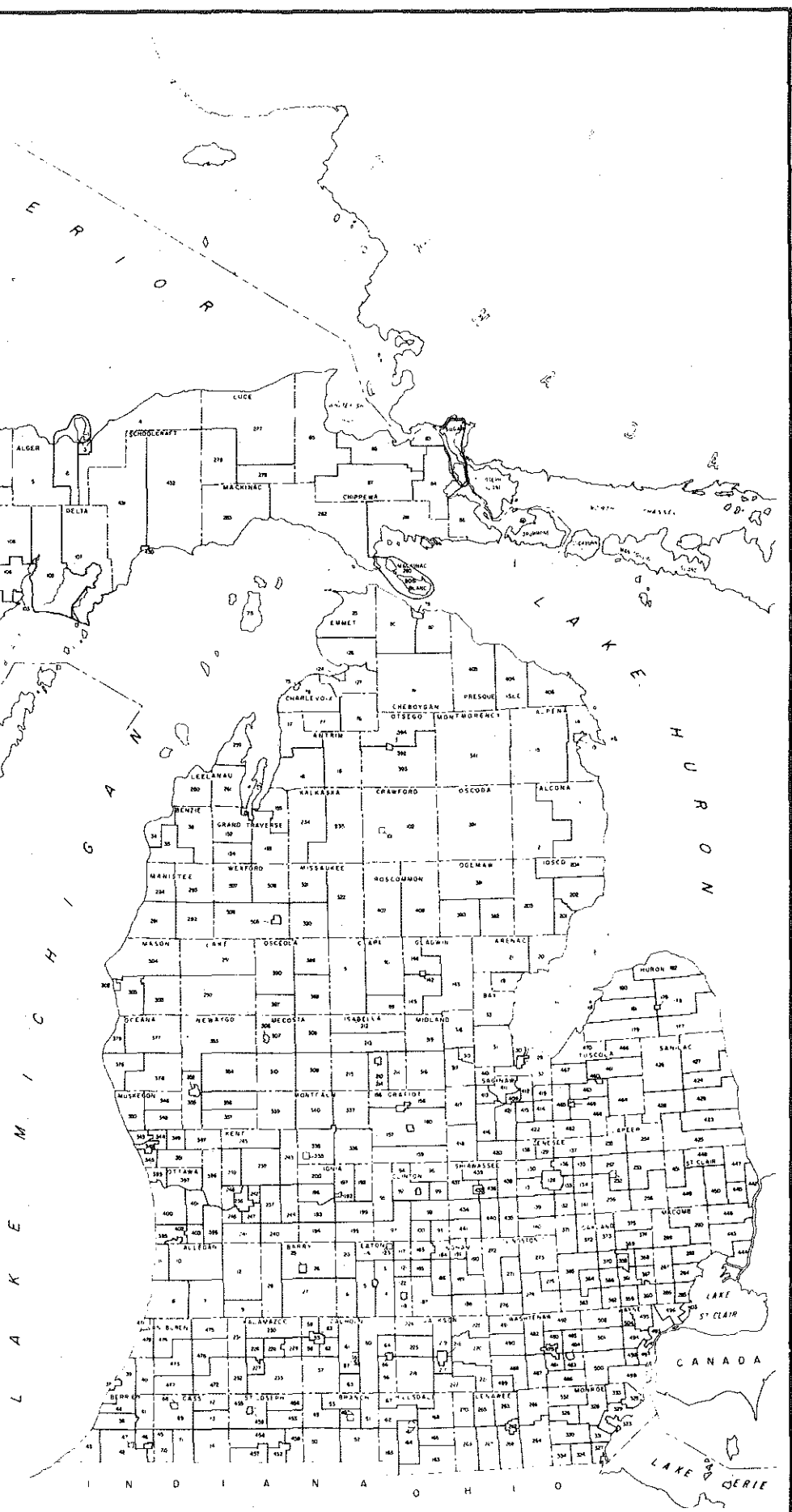
The basic files were provided with the kind cooperation of:

Robert Witte, Assistant Manager
Data Processing
Department Services
Department of Education

The next section explains how the information was obtained and reformatted to a school-district level file and a zone level file.

FIGURE 1

547 ZONE
STATEWIDE TRANSPORTATION
MODELING SYSTEM
INSTATE ZONE MAP
DECEMBER 1973



STATEWIDE HIGHWAY NETWORK

LINK FILE

CONTENTS OF EACH HIGHWAY SEGMENT OR LINK

AVERAGE SPEED

DISTANCE

URBAN-RURAL DESIGNATION

TYPE OF ROUTE

TRAFFIC VOLUME CAPACITY

AVERAGE ANNUAL DAILY TRAFFIC VOLUME

COMMERCIAL TRAFFIC VOLUME

DESIGN HOUR VOLUME

ACCIDENT FATAL RATE

ACCIDENT INJURY RATE

ACCIDENT RATE

NUMBER OF LANES

LANE WIDTH

SURFACE CONDITION

RIGHT OF WAY

SIGHT RESTRICTION

STATEWIDE SOCIO-ECONOMIC DATA FILE

GENERAL CHARACTERISTICS OF POPULATION

SCHOOL ENROLLMENT BY TYPE OF SCHOOL
YEARS OF SCHOOL COMPLETED
CITIZENSHIP BY AGE

INCOME CHARACTERISTICS OF POPULATION

FAMILY INCOME
INCOME BY OCCUPATION AND SEX
RATIO OF FAMILY INCOME TO POVERTY LEVEL

LABOR FORCE CHARACTERISTICS OF POPULATION

EMPLOYMENT BY AGE
EMPLOYMENT BY OCCUPATION AND SEX
EMPLOYMENT BY INDUSTRY AND SEX

SOCIAL CHARACTERISTICS OF POPULATION

AGE BY SEX
TYPE OF FAMILY
MARITAL STATUS

STRUCTURAL CHARACTERISTICS OF HOUSING

YEAR STRUCTURE BUILT
UNITS IN STRUCTURE
STORIES IN STRUCTURE

EQUIPMENT CHARACTERISTICS OF HOUSING

AIR CONDITIONING
TYPE OF HEATING FUEL
SOURCE OF WATER

OCCUPANCY CHARACTERISTICS OF HOUSING

OCCUPANCY / VACANCY STATUS
NUMBER OF PERSONS IN UNIT
NUMBER OF PERSONS PER ROOM

AREA CHARACTERISTICS

LAKE FRONTAGE
ASSESSED VALUATION
WATER AREA

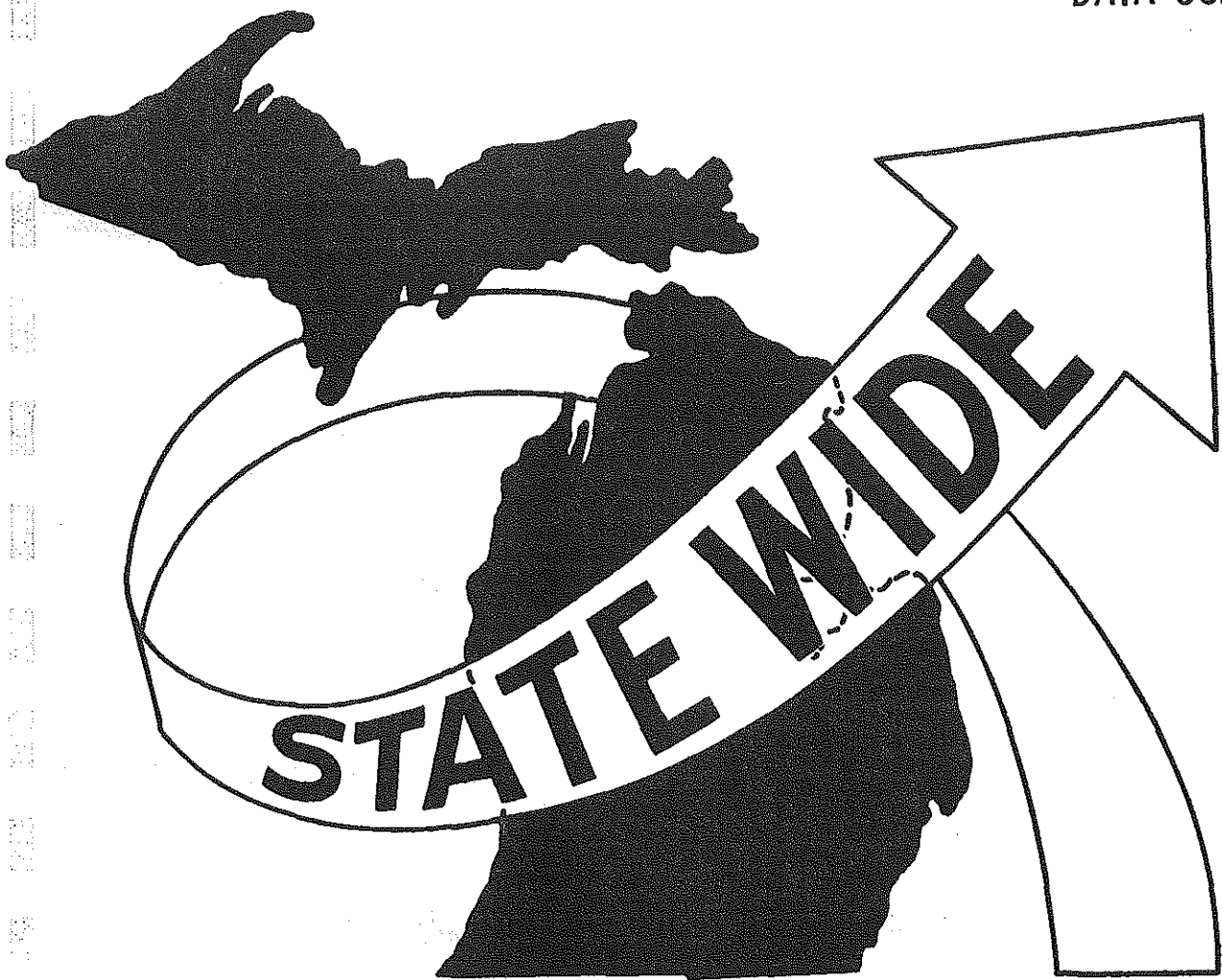
*THOSE ITEMS LISTED HERE ARE SAMPLES TAKEN FROM THE COMPLETE
FILE WHICH CONTAINS 76 CATEGORIES WITH OVER 800 ITEMS

FIGURE 2C

STATEWIDE FACILITY FILE

AIRPORTS
AMBULANCE SERVICE
BANKS
BUS TERMINALS
CAMP GROUNDS, PUBLIC AND PRIVATE
CERTIFIED INDUSTRIAL PARKS
CITIES OVER 5,000 POPULATION AND 30,000 POPULATION
CIVIL DEFENSE TERMINALS
COLLEGES, PUBLIC COMMUNITY
COLLEGES AND UNIVERSITIES, PUBLIC AND PRIVATE
COMMERCIAL CENTERS, MAJOR
CONVENTION CENTERS
DENTISTS
ELECTRICAL GENERATING PLANTS
GAME AREAS
GOLF COURSES
GRAIN ELEVATORS
HEALTH SCREENING CLINICS, EPSDT
HIGH SCHOOLS
HISTORIC SITES
HOMES FOR THE AGED
HORSEBACK ENTERPRISES
HOSPITALS
ICE ARENAS
MANUFACTURERS
MARINAS
MENTAL HEALTH CENTERS
NEWSPAPERS, DAILY
NEWSPAPERS, WEEKLY AND BIWEEKLY
NURSING HOMES
OIL PROCESSING AND STORAGE PLANTS
PHARMACIES
PHYSICIANS
POLICE DEPT'S, STATE AND LOCAL
PORTS
RAIL TERMINALS
SECRETARY OF THE STATE. OFFICES
SEWAGE TREATMENT FACILITIES
SKI RESORTS
SNOWMOBILE TRAILS
SOCIAL SERVICES OFFICES
STATE PARKS
STATE POLICE POSTS
TOURIST ATTRACTIONS
TRAILER ON FLAT CAR TERMINALS
TRANSIT SYSTEMS, BUS
TREASURY OFFICES
TRUCK TERMINALS
UNEMPLOYMENT OFFICES
WEATHER SERVICE STATIONS--NATIONAL
WHOLESALE TRADE CENTERS

DATA CONVERSION



DATA CONVERSION

School district information obtained from the Department of Education was for 1973-74 and on Honeywell created tapes: 9 track, 1600 BPI, IPSDIC. These tapes were converted to 800 BPI, BCD, 7 track tapes. The four files are:

1. District Master (Form B Master)
2. District Details (Form B Details)
3. General Busing Information (RI020)

(Data from school finance report S0610)

4. School Bus Master

In addition, a card deck was provided.

5. School Staff Deck

From all but the school bus master, 55 data items were selected and reformatted to a common format with one data item per record:

Columns 1-5 = District Number

Column 6 = Blank

Columns 7-9 = Variable Number From 1 to 55 to Indicate

Which Data Item

Columns 10-15 = Blank

Columns 16-24 = School District Data

One item (school bus capacity) from the school bus master was summarized to district level and included as data item number 56. All data items were stored in 10 digit fields.

This information was then combined into one record per district with 56 data items in each record. Since no data item was larger than 8 digits,

the storage field for all data elements was decreased from 10 characters to 8 characters.

The identifying variable numbers 1 to 56 were shifted to 2 to 57 and each data item placed in the corresponding 8 character field. The first 8 characters were reserved for the district number.

The information selected from each of the original five files is discussed below. The final identifying variable number is also shown. A master list of all items and their identifying variable number may be seen in Appendix A.

DISTRICT MASTER

The file contains general information and identifying codes about each of the 597 legal school districts for 1973-74. A special file was created to serve as a master district identification file. It contained the district name, district codes, class, and grade range. The statewide transportation model zone number for each district was later added.

Information selected from the general information file was:

Number of State Aid Pupils.	V52
Number of Secondary State Aid Pupils.	V53
Number of Elementary State Aid Pupils	V54
Number of Under Privileged Children	V55
Number of Teaching Positions (Not Uniformly Reported) . . .	V56

The number of teaching positions should be used with a word of caution. The definition of "teaching positions" is not always uniform throughout the state.

DISTRICT DETAILS

This file contains financial information such as salaries, operating costs, and assets of each district. Each record had only one data item. There were

a large number of records for each district. Only the records on transportation costs were selected. Some districts (particularly those lacking complete K-12 grades) cannot support a transportation system; and, therefore, these districts are not represented on the selected file. A list of those districts not represented are available in Appendix B.

Those items selected from Form B details follows:

TRANSPORTATION SERVICES (Cost in Dollars)

Salaries:

Salaries of Transportation Supervisors . . . . .	.V2
Salaries of Bus Drivers . . . . .	.V3
Salaries of Mechanics and Garage Employees . . . . .	.V4
Salaries of Attendants and Buses . . . . .	.V5
Salaries of Other Transportation Personnel (describe) . . . . .	.V6
Salaries, Secretarial and Clerical . . . . .	.V7
Total: Transportation Salaries . . . . .	.V8

Contracted Services:

Contracted Pupil Transportation . . . . .	.V9
Service - Maintenance - Private Garages . . . . .	.V10
Allowance to Pupils for Transportation . . . . .	.V11
Total: Contracted Services for Transportation . . . . .	.V12

Supplies:

Gasoline, Oil and Grease . . . . .	.V13
Tires, Tubes and Batteries . . . . .	.V14
Vehicle Repair Parts . . . . .	.V15
Supplies and Expenses for Garage Operation . . . . .	.V16
Miscellaneous Supplies . . . . .	.V17
Total: Transportation Supplies Expense . . . . .	.V18

Other Expenses:

Travel Expense and Mileage Allowance . . . . .	.V19
Rental of Equipment . . . . .	.V20
Replacement of Vehicles . . . . .	.V21
Transportation Insurance . . . . .	.V22
Replacement of Equipment . . . . .	.V23
Miscellaneous Expense . . . . .	.V24
Total: Other Expense . . . . .	.V25

TOTAL PUBLIC TRANSPORTATION EXPENSEV26
---	------

GENERAL BUSING INFORMATION

This file is often referred to as R1020. The information on this file was summarized from another education finance report S0610. Each record had only one data item about the district (other than identification codes). There were several records for each district. As with the detail master, some districts are not represented and are listed in Appendix B. The information selected is as follows:

Dollars of Depreciation Allowed For Buses. . . . .	.V41
Number of Regular Buses. . . . .	.V42
Number of Spare Buses. . . . .	.V43
Number of Pupils Transported on Count Day. . . . .	.V44
Number of Non-Public Pupils Transported on Count Day . .	.V45
Number of Ineligible Pupils Transported on Count Day . .	.V46
Number of Non-Resident Pupils Transported on Count Day .	.V47
Number of Miles for School Year. . . . .	.V48
Number of Disallowed Miles for School Year . . . . .	.V49
Number of Extra Trip Miles . . . . .	.V50
Control Total for V41-V50. . . . .	.V51

School Staff Deck

This deck contained the number of employees in certain classifications. Our original interest was only in the transportation staff, but other information on the card was retained.

Each card represented one and only one district. Again, some districts had no personnel in these categories and therefore no card was present. A list of those districts not present can be found in Appendix B. The employee categories are:

SCHOOL STAFF (Number of Employees)

Non-Professional, Instructional	
Teacher Aides . . . . .	.V27
Library Aides . . . . .	.V28
Clerical Aides. . . . .	.V29

Professional, Non-Instructional	
Administrative. . . . .	.V30
Health. . . . .	.V31
Social Workers and Attendance . . . . .	.V32
Other . . . . .	.V33
Non-Professional, Non-Instructional	
Health Aides. . . . .	.V34
Food Service Multiple-Unit Supervisors. . . . .	.V35
Food Service Single-Unit Supervisors. . . . .	.V36
Other Food Related (Cooks, Dishwashers, etc.) . . . . .	.V37
Lunch Room Supervisor Aides . . . . .	.V38
Transportation Staff. . . . .	.V39
Other Non-Professional (Janitor, Secretarial, etc.) . . . . .	.V40

School Bus Master

This was the only file which was not summarized by district. Each record represented a school bus. The pupil capacity was summarized and placed in the final district information file as variable number 57. The original bus file was reformatted to 80 characters and the vehicle engine number dropped. This file contains for each bus:

1. School district code
2. Intermediate district
3. Bus number
4. Make of chassis
5. Make of body
6. Pupil capacity
7. Bus cost to district
8. Depreciation
9. Status
10. Depreciation code

Those districts not represented on the school bus master are listed in Appendix B.

Once the district file with 56 data items for each district was created, it was ready to be summarized to the statewide transportation modeling zones (Figure 1). Zone boundaries are on political boundaries while school district boundaries cut across township and county boundaries. This fact makes the equivalence of zones and school districts more difficult.

School district boundaries were obtained from the Directory of Michigan School Districts (see Figure 3).

Figure 4 shows the various boundary lines for Schoolcraft County. Only one school district lies entirely within the county. Parts of other districts are near the county borders but do not follow county boundaries. Three statewide model zones are contained within the county and have boundaries along county lines.

Equivalence cards were coded for each school district. Each card contained the school district number and a list of zones which were either all or partially within the district. A visual estimate of the percentage each zone was of the district was recorded. These estimates were very approximate and based on a combination of land area and population. These percentages were applied to the information for the district to create zonal summaries of the information. As the data was distributed to zones, any errors in the district total due to rounding were checked for; and if needed, one of the zones was adjusted by the rounding discrepancy.

A generalized flow chart summarizing the conversion process can be seen in Figure 5.

The next section deals with examples of displaying the information in the district level and zone level file.

FIGURE 3

Directory of Michigan School Districts

January 1974

SEVENTH EDITION

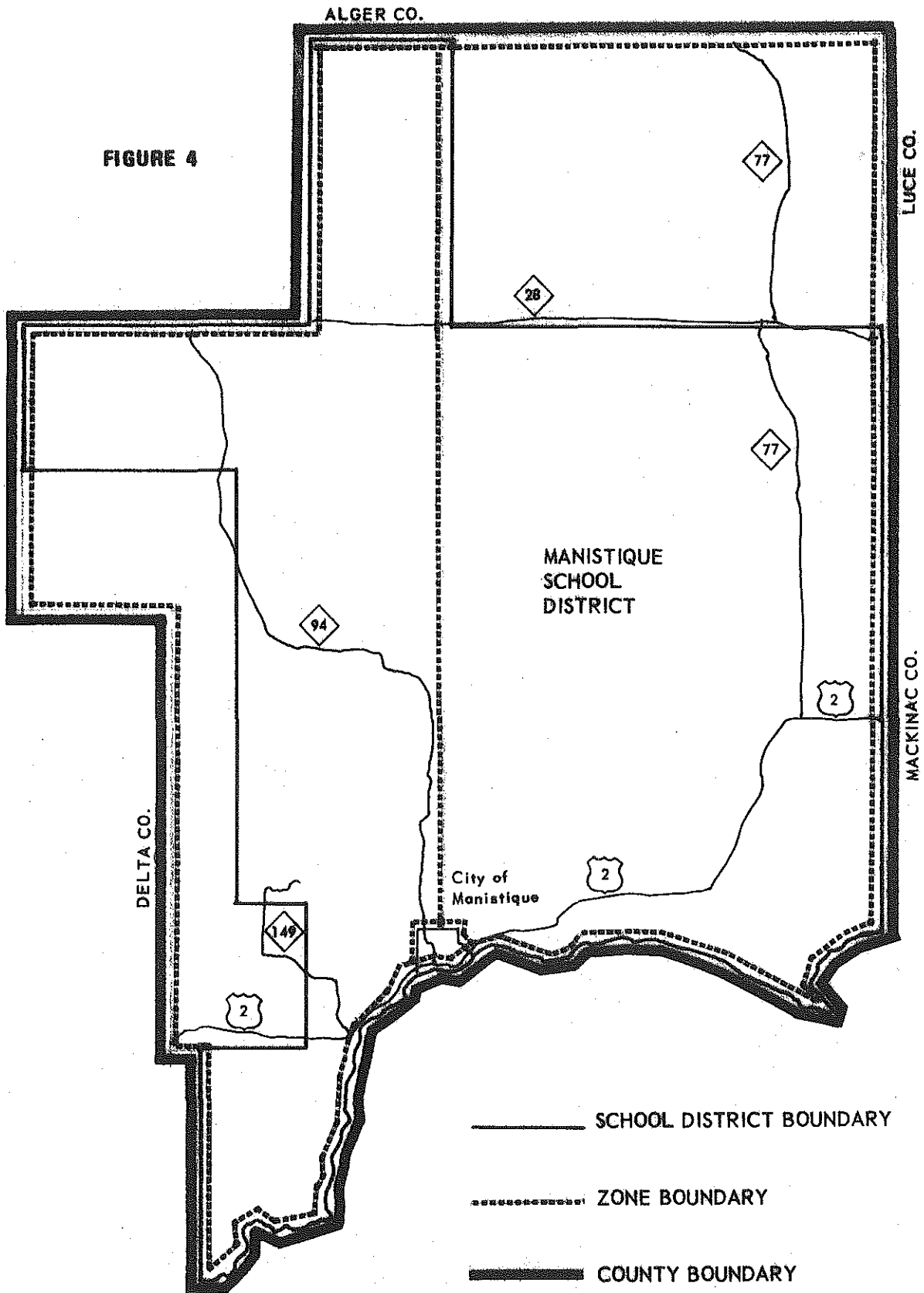
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PHONE 313 - 963-0420

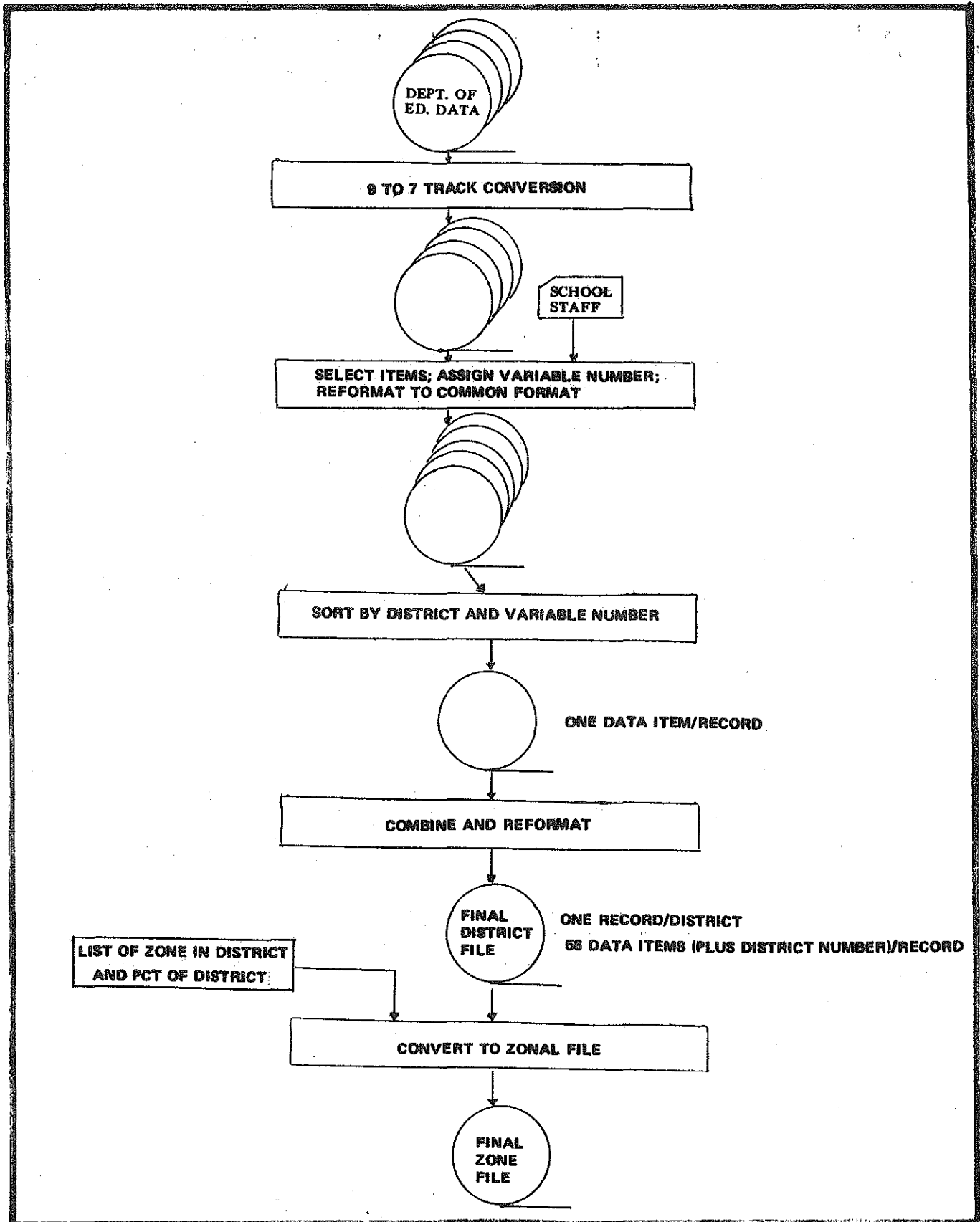
FIGURE 4



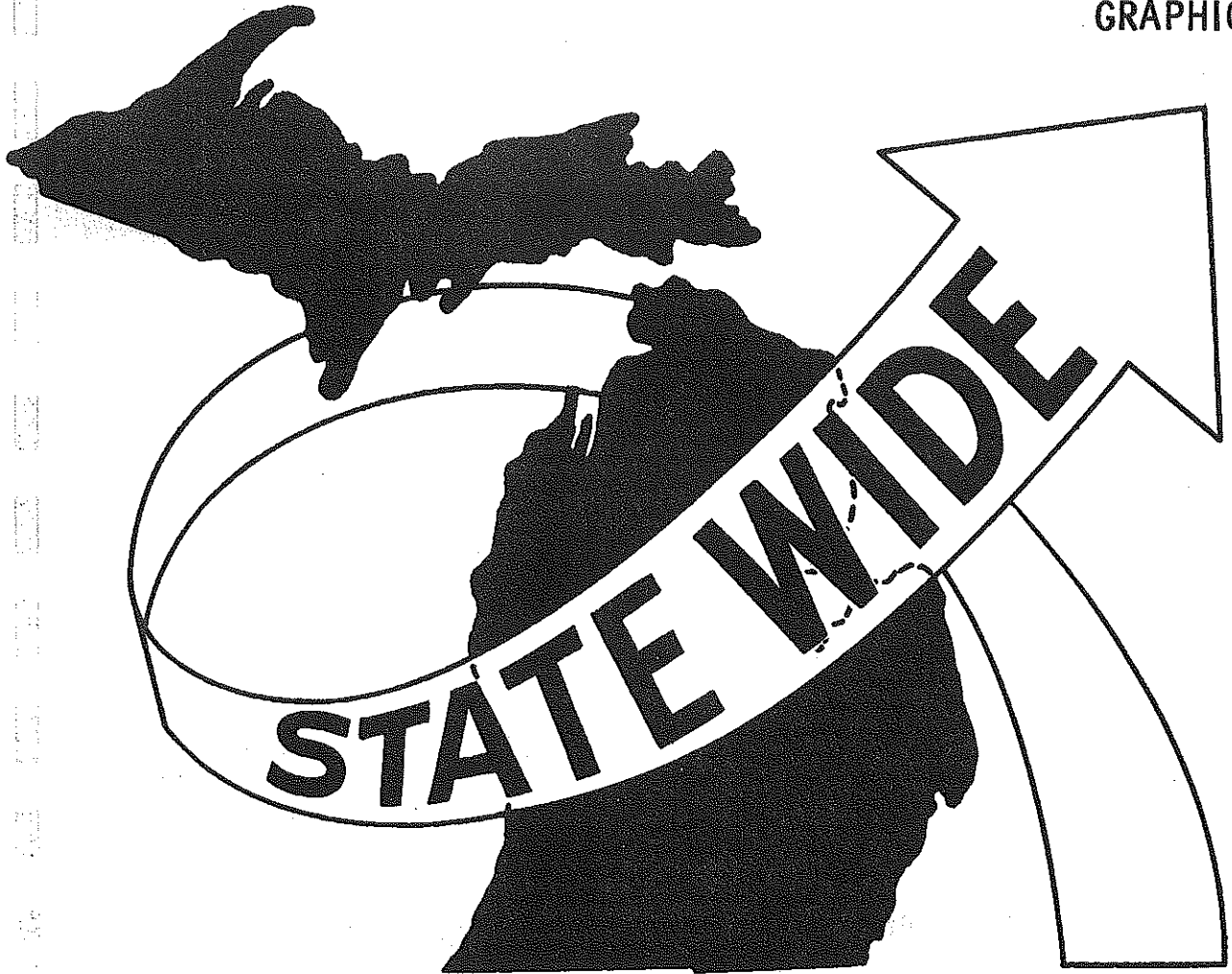
Schoolcraft Co.

FIGURE 5

SCHOOL DISTRICT DATA CONVERSION



GRAPHIC DISPLAY



GRAPHIC DISPLAY

After information is assembled, there need to be ways to conveniently access and display the information. Two methods of graphic display will be presented. They are the histogram and SYMAP.¹

As an example, the number of regular school buses will be displayed in histogram form. See Figure 6. This example uses the district-level file of school district information as opposed to the zone-level file.

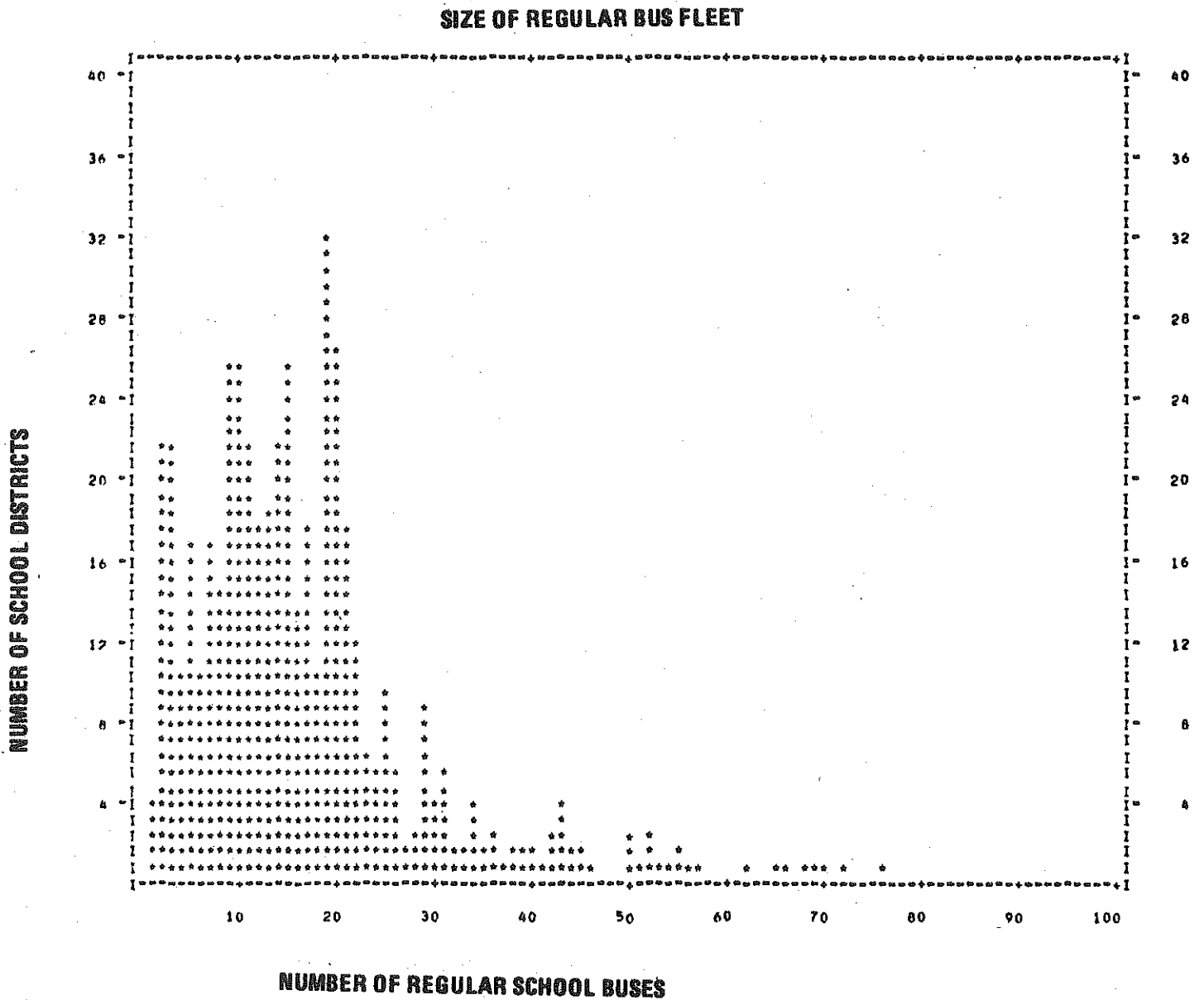
Figure 6 shows that most districts have from 3 to 20 regular school buses with the largest number of regular buses being 76. This kind of display allows one, at a glance, to get a general idea for the number of buses (or whatever data is chosen) for school districts around the state. While this process says nothing about geographically where the data is distributed, the SYMAP process can.

Because the Statewide Transportation Modeling System's zones have already been defined for use in mapping with SYMAP, the school district data, once at the zone level, can easily be mapped. In addition, utility routines which have been defined to operate on zone files can also be used. As an example, the cost-per-mile for school busing will be mapped. The total transportation cost is available from the school information file (V26). The total bus miles can be obtained by adding three fields from the master school file. These three are: 1) regular (reimbursable) miles (V48),

¹SYMAP produces a 2 dimensional printer map of geographic areas shaded according to the data being mapped. This program was developed by the Laboratory for Computer Graphics, Graduate School of Design, Harvard University.

FIGURE 6

STATEWIDE SCHOOL BUS INFORMATION



NOTE: DISTRICTS WITH NO REGULAR BUSES ARE EXCLUDED

2) disallowed miles, and 3) extra trip miles (V50). The cost-per-mile is then determined by dividing the total cost by the total miles.

These calculations can be completed for all the zones in the state via computerized routines already available to operate on zone files. The cost-per-mile value for each zone is then mapped as seen in Figure 7.

Because of difficulties in matching school districts with the zones, the SYMAPs could not be used for detailed analysis of small areas, but are intended to provide a quick overview on a statewide basis.

FIGURE 7

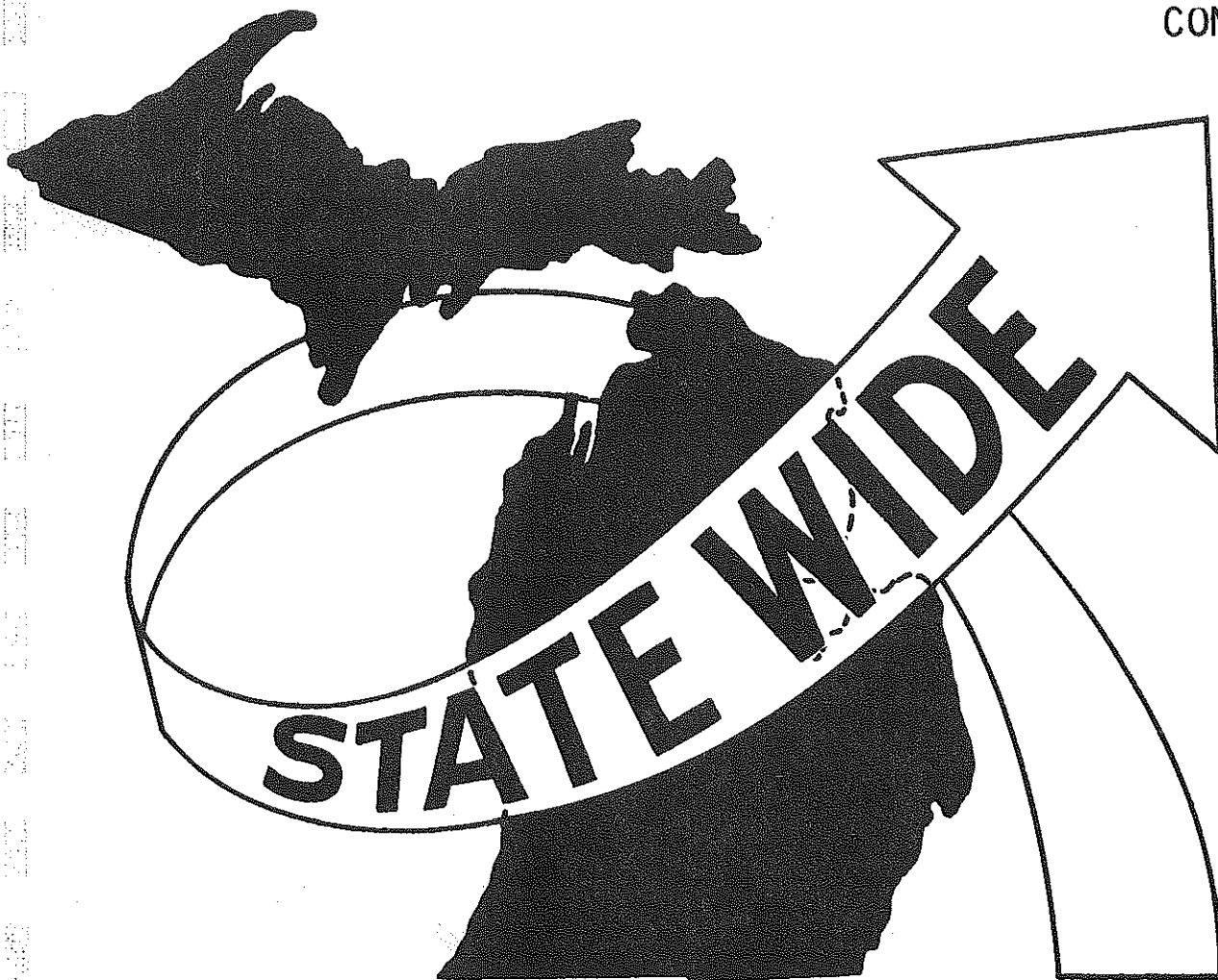
SCHOOL DISTRICT
TRANSPORTATION DOLLARS PER MILE

BELOW .50 .50-.69 .70-.84 .85-1.00 ABOVE 51.00

Table with 5 columns: BELOW .50, .50-.69, .70-.84, .85-1.00, ABOVE 51.00. Rows of data points represented by asterisks.

STATEWIDE TRANSPORTATION PROCEDURES SECTION
MICHIGAN DEPARTMENT OF STATE HIGHWAYS AND TRANSPORTATION

CONCLUSIONS



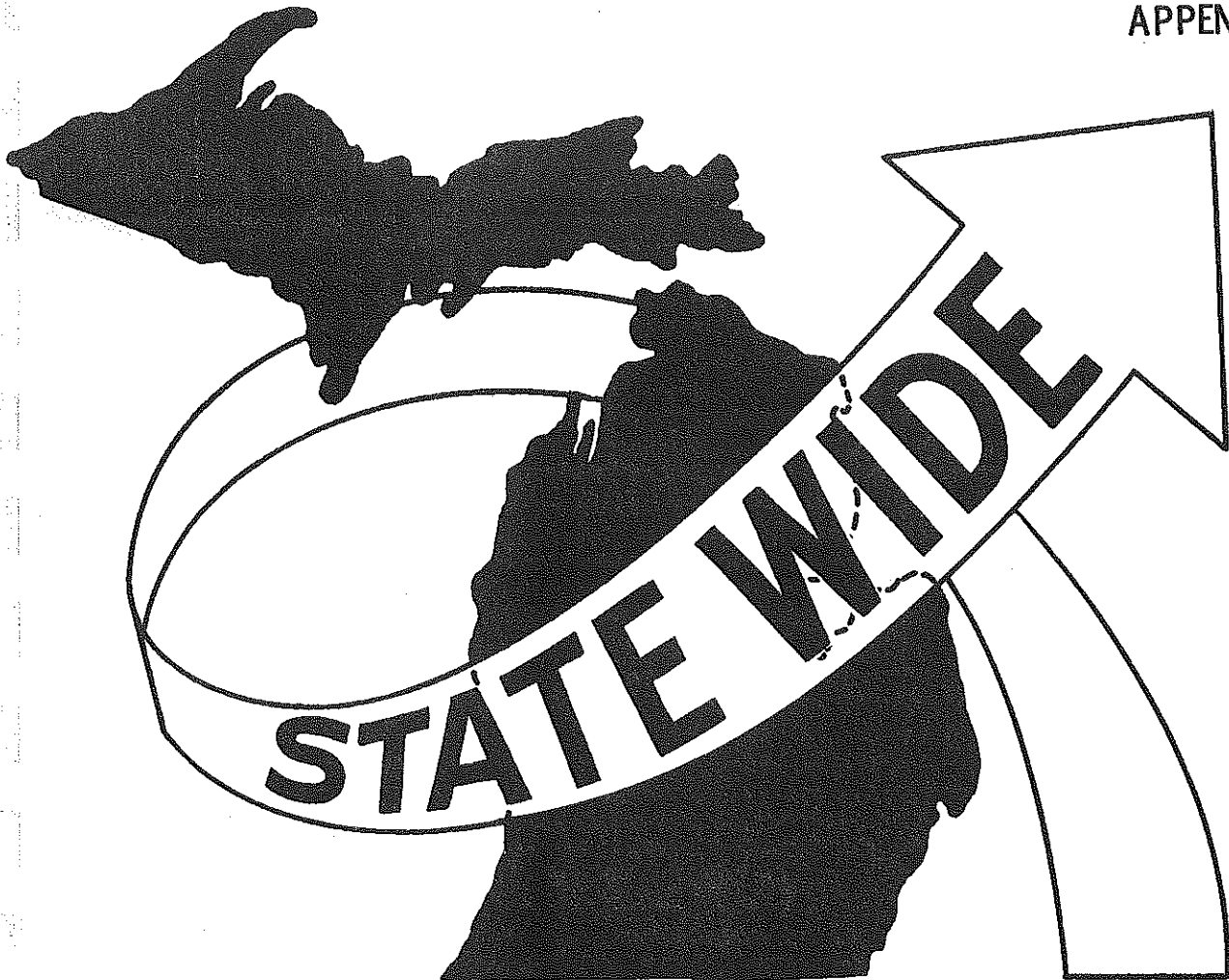
CONCLUSION

By combining school district information from several sources into one file, accessibility to the information becomes much easier. Having the data at the district level allows a detailed look at individual districts. Summarizing the data to the statewide model zones allows comparison with other information at the zone level and use utility routines available for the zones. This would be especially useful for graphic display at the state level.

Hopefully, the Statewide School District File can be used to assist in answering questions which may arise from impacts of transportation plans on school districts, transportation needs of school districts, or the feasibility of using school buses in a public transportation system.

The information obtained was for the 1973-1974 school year. Consideration is being given to obtaining the 1974-1975 data. Any suggestions as to additions or deletions to the master file would be appreciated.

APPENDIX A



STATEWIDE SCHOOL DISTRICT INFORMATION

Statewide Model Zone Number or School District Number.V1

TRANSPORTATION SERVICES (Cost in Dollars)

Salaries:

Salaries of Transportation SupervisorsV2
 Salaries of Bus Drivers.V3
 Salaries of Mechanics and Garage EmployeesV4
 Salaries of Attendants and BusesV5
 Salaries of Other Transportation Personnel (describe).V6
 Salaries, Secretarial and ClericalV7
 Total: Transportation Salaries.V8

Contracted Services:

Contracted Pupil Transportation.V9
 Service - Maintenance - Private Garages.V10
 Allowance to Pupils for TransportationV11
 Total: Contracted Services for TransportationV12

Supplies:

Gasoline, Oil and GreaseV13
 Tires, Tubes and BatteriesV14
 Vehicle Repair PartsV15
 Supplies and Expenses for Garage OperationV16
 Miscellaneous SuppliesV17
 Total: Transportation Supplies ExpenseV18

Other Expenses:

Travel Expense and Mileage AllowanceV19
 Rental of Equipment.V20
 Replacement of Vehicles.V21
 Transportation InsuranceV22
 Replacement of EquipmentV23
 Miscellaneous Expense.V24
 Total: Other Expense.V25

TOTAL PUBLIC TRANSPORTATION EXPENSE.V26

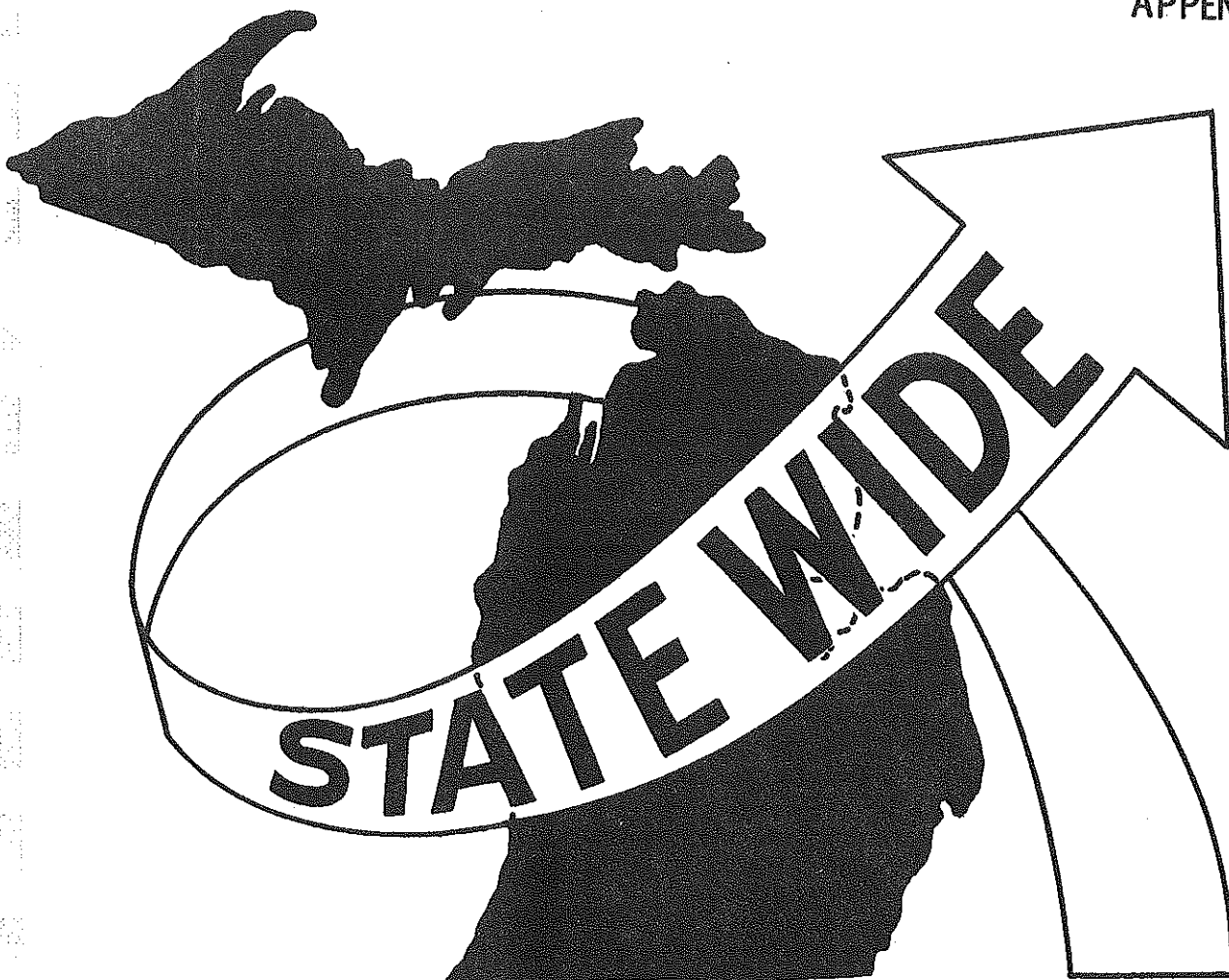
SCHOOL STAFF (Number of Employees)

Non-Professional, Instructional:

Teacher Aides.V27
 Library Aides.V28
 Clerical Aids/ /V29

Professional, Non-Instructional	
Administrative. . . . .	.V30
Health. . . . .	.V31
Social Workers and Attendance . . . . .	.V32
Other . . . . .	.V33
Non-Professional, Non-Instructional	
Health Aides. . . . .	.V34
Food Service Multiple-Unit Supervisors. . . . .	.V35
Food Service Single-Unit Supervisors. . . . .	.V36
Other Food Related (Cooks, Dishwashers, etc.) . . . . .	.V37
Lunch Room Supervisor Aides . . . . .	.V38
Transportation Staff. . . . .	.V39
Other Non-Professional (Janitor, Secretarial, etc.) . . . . .	.V40
Dollars of Depreciation Allowed For Buses . . . . .	.V41
Number of Regular Buses . . . . .	.V42
Number of Spare Buses . . . . .	.V43
Number of Pupils Transported on Count Day . . . . .	.V44
Number of Non-Public Pupils Transported on Count Day. . . . .	.V45
Number of Ineligible Pupils Transported on Count Day. . . . .	.V46
Number of Non-Resident Pupils Transported on Count Day. . . . .	.V47
Number of Miles for School Year . . . . .	.V48
Number of Disallowed Miles for School Year. . . . .	.V49
Number of Extra Trip Miles. . . . .	.V50
Control Total for V41-V50 . . . . .	.V51
Number of State Aid Pupils. . . . .	.V52
Number of Secondary State Aid Pupils. . . . .	.V53
Number of Elementary State Aid Pupils . . . . .	.V54
Number of Under Privileged Children . . . . .	.V55
Number of Teaching Positions (Not Uniformly Reported) . . . . .	.V56
Total Bus Capacity. . . . .	.V57

APPENDIX B



SODUS TOWNSHIP SCH DIST	11830	5K0811	*	DISTRICT	NOT	ON	FILE	R	1020
FREDONIA TWP SCH DIST 2F	13340	5K0613	*	DISTRICT	NOT	ON	FILE	R	1020
BEAVER ISLAND COMM SCHOO	15010	4K1215	*	DISTRICT	NOT	ON	FILE	R	1020
IRON MOUNTAIN CITY SCH D	22010	3K1222	*	DISTRICT	NOT	ON	FILE	R	1020
NORWAY VULCAN AREA SCHOO	22025	4K1222	*	DISTRICT	NOT	ON	FILE	R	1020
ONEIDA TOWNSHIP SCH DIST	23490	5K0123	*	DISTRICT	NOT	ON	FILE	R	1020
ROXAND TOWNSHIP SCH DIST	23590	5K0823	*	DISTRICT	NOT	ON	FILE	R	1020
CROSS VILLAGE SCHOOL DIS	24010	4K0615	*	DISTRICT	NOT	ON	FILE	R	1020
HARBOR SPRINGS SCHOOL DI	24020	4K1215	*	DISTRICT	NOT	ON	FILE	R	1020
PETOSKEY SCHOOL DISTRICT	24070	6K1215	*	DISTRICT	NOT	ON	FILE	R	1020
FLINT CITY SCHOOL DISTRI	25010	2K1225	*	DISTRICT	NOT	ON	FILE	R	1020
BENDLE PUBLIC SCHOOL DIS	25060	4K1225	*	DISTRICT	NOT	ON	FILE	R	1020
BEECHER SCHOOL DISTRICT	25240	4K1225	*	DISTRICT	NOT	ON	FILE	R	1020
GREEN LAKE TWP SCH DIST	28220	5K0528	*	DISTRICT	NOT	ON	FILE	R	1020
CHURCH SCHOOL	32040	4K0832	*	DISTRICT	NOT	ON	FILE	R	1020
RED SCHOOL	32140	4K0832	*	DISTRICT	NOT	ON	FILE	R	1020
BLOOMFIELD TWP SCH DIST	32220	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
BLOOMFIELD TWP SCH DIST	32230	5CLO32	*	DISTRICT	NOT	ON	FILE	R	1020
BLOOMFIELD TWP SCH DIST	32250	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
COLFAX TWP SCH DIST 1F	32260	5K0732	*	DISTRICT	NOT	ON	FILE	R	1020
COLFAX TWP SCH DIST 2	32270	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
COLFAX TWP SCH DIST 6	32290	6K0732	*	DISTRICT	NOT	ON	FILE	R	1020
COLFAX TWP SCH DIST 7	32300	5CLO32	*	DISTRICT	NOT	ON	FILE	R	1020
SHERIDAN TWP SCH DIST 4	32530	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
SHERIDAN TWP SCH DIST 5	32540	5K0732	*	DISTRICT	NOT	ON	FILE	R	1020
SIGEL TWP SCH DIST 3	32610	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
SIGEL TWP SCH DIST 4	32620	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
SIGEL TWP SCH DIST 6	32630	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
VERONA TWP SCH DIST 1F	32650	5K0832	*	DISTRICT	NOT	ON	FILE	R	1020
BERLIN TWP SCH DIST 3F	34140	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
BERLIN TWP SCH DIST 5F	34150	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
CAMPBELL TWP SCH DIST 4	34250	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
EASTON TWP SCH DIST 6F	34340	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
IONIA TWP SCH DIST 2F	34360	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
IONIA TWP SCH DIST 5	34380	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
NORTH PLAINS TWP SCH DIS	34480	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
ORLEANS TWP SCH DIST 9	34600	5K0634	*	DISTRICT	NOT	ON	FILE	R	1020
ORLEANS TWP SCH DIST 10	34610	5K0734	*	DISTRICT	NOT	ON	FILE	R	1020
PORTLAND TWP SCH DIST 5F	34710	5K0734	*	DISTRICT	NOT	ON	FILE	R	1020
PARCHMENT SCHOOL DISTRIC	39130	3K1239	*	DISTRICT	NOT	ON	FILE	R	1020
EXCELSIOR TWP SCH DIST 1	40060	5K0728	*	DISTRICT	NOT	ON	FILE	R	1020
GARFIELD TWP SCH DIST 3F	40110	5K0828	*	DISTRICT	NOT	ON	FILE	R	1020
GODWIN HEIGHTS PUBLIC SC	41020	3K1241	*	DISTRICT	NOT	ON	FILE	R	1020
E GR RAPIDS PUBLIC SCHOO	41090	3K1241	*	DISTRICT	NOT	ON	FILE	R	1020
GODFREY LEE PUBLIC SCH D	41120	4K1241	*	DISTRICT	NOT	ON	FILE	R	1020
KELLOGGSVILLE PUBLIC SCH	41140	4K1241	*	DISTRICT	NOT	ON	FILE	R	1020
GRANT TWP SCHOOLS	42030	4K0831	*	DISTRICT	NOT	ON	FILE	R	1020
BURNSIDE TWP SCH DIST 10	44190	5K0744	*	DISTRICT	NOT	ON	FILE	R	1020
GOODLAND TWP SCH DIST 1	44240	5K0844	*	DISTRICT	NOT	ON	FILE	R	1020
GOODLAND TWP SCH DIST 2	44260	5K0844	*	DISTRICT	NOT	ON	FILE	R	1020
BOIS BLANC PINES SCHOOL	49020	4K0817	*	DISTRICT	NOT	ON	FILE	R	1020
MACKINAC ISLAND PUB SCH	49110	4K1217	*	DISTRICT	NOT	ON	FILE	R	1020
ROSEVILLE COMMUNITY SCHO	50030	3K1250	*	DISTRICT	NOT	ON	FILE	R	1020
LAKE SHORE PUBLIC SCHOOL	50120	3K1250	*	DISTRICT	NOT	ON	FILE	R	1020
MT CLEMENS COMM SCHOOL D	50160	4K1250	*	DISTRICT	NOT	ON	FILE	R	1020
MUSKEGON HGTS CITY SCH D	61020	3K1261	*	DISTRICT	NOT	ON	FILE	R	1020
FERNDALE CITY SCHOOL DIS	63020	3K1263	*	DISTRICT	NOT	ON	FILE	R	1020
ROYAL OAK CITY SCHOOL DI	63040	3K1263	*	DISTRICT	NOT	ON	FILE	R	1020
BERKLEY CITY SCHOOL DIST	63050	3K1263	*	DISTRICT	NOT	ON	FILE	R	1020
MADISON HEIGHTS SCHOOL D	63140	4K1263	*	DISTRICT	NOT	ON	FILE	R	1020
CLAWSON CITY SCHOOL DIST	63270	4K1263	*	DISTRICT	NOT	ON	FILE	R	1020
MARYSVILLE PUB SCHOOL DI	74100	4K1274	*	DISTRICT	NOT	ON	FILE	R	1020
SANILAC TWP SCH DIST 1	76710	5K0876	*	DISTRICT	NOT	ON	FILE	R	1020
BANGOR TWP SCH DIST 8	80240	5K0880	*	DISTRICT	NOT	ON	FILE	R	1020

DETROIT CITY SCHOOL DIST	82010	4K1282	*	DISTRICT	NOT	ON	FILE	R	1020
ALLEN PARK PUBLIC SCHOOL	82020	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
CHERRY HILL SCHOOL DISTR	82025	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
DEARBORN CITY SCHOOL DIS	82030	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
DEARBORN HEIGHTS SCH DIS	82040	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
GROSSE PTE PUBLIC SCHOOL	82055	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
HAMTRAMCK CITY SCHOOLS	82060	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
HIGHLAND PARK CITY SCHOO	82070	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
INKSTER CITY SCHOOL DIST	82080	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
LINCOLN PARK CITY SCHOOL	82090	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
RIVER ROUGE CITY SCHOOLS	82120	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
WYANDOTTE CITY SCHOOL DI	82170	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
WESTWOOD COMMUNITY SCHOO	82240	4K1282	*	DISTRICT	NOT	ON	FILE	R	1020
ECORSE PUBLIC SCHOOL DIS	82250	4K1282	*	DISTRICT	NOT	ON	FILE	R	1020
HARPER WOODS CITY SCH DI	82320	4K1282	*	DISTRICT	NOT	ON	FILE	R	1020
VAN BUREN PUBLIC SCHOOLS	82430	3K1282	*	DISTRICT	NOT	ON	FILE	R	1020
DEPARTMENT OF CORRECTION	84010	4K1284	*	DISTRICT	NOT	ON	FILE	R	1020

R 1020

NO. READ = 4633

SODUS TOWNSHIP SCH DIST	11830	5K0811	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
FREDONIA TWP SCH DIST 2F	13340	5K0613	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
ONEIDA TOWNSHIP SCH DIST	23490	5K0123	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
ROXAND TOWNSHIP SCH DIST	23590	5K0823	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
CHURCH SCHOOL	32040	4K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
RED SCHOOL	32140	4K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
BLOOMFIELD TWP SCH DIST	32220	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
BLOOMFIELD TWP SCH DIST	32230	5CLO32	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
BLOOMFIELD TWP SCH DIST	32250	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
COLFAX TWP SCH DIST 1F	32260	5K0732	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
COLFAX TWP SCH DIST 2	32270	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
COLFAX TWP SCH DIST 6	32290	6K0732	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
COLFAX TWP SCH DIST 7	32300	5CLO32	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
SHERIDAN TWP SCH DIST 4	32530	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
SHERIDAN TWP SCH DIST 5	32540	5K0732	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
SIGEL TWP SCH DIST 4	32620	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
SIGEL TWP SCH DIST 6	32630	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
VERONA TWP SCH DIST 1F	32650	5K0832	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
BERLIN TWP SCH DIST 3F	34140	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
BERLIN TWP SCH DIST 5F	34150	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
CAMPBELL TWP SCH DIST 4	34250	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
EASTON TWP SCH DIST 6F	34340	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
IONIA TWP SCH DIST 2F	34360	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
IONIA TWP SCH DIST 5	34380	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
NORTH PLAINS TWP SCH DIS	34480	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
ORLEANS TWP SCH DIST 9	34600	5K0634	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
ORLEANS TWP SCH DIST 10	34610	5K0734	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
SANILAC TWP SCH DIST 1	76710	5K0876	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
ECORSE PUBLIC SCHOOL DIS	82250	4K1282	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL
DEPARTMENT OF CORRECTION	84010	4K1284	*	DISTRICT	NOT	ON	FILE	FORM	B	DETAL

FORM B DETAL

NO. READ = 8791

HAGAR TOWNSHIP SCH DIST	11670	5K0811	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SODUS TOWNSHIP SCH DIST	11830	5K0811	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
FREDONIA TWP SCH DIST 2F	13340	5K0613	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BEAVER ISLAND COMM SCHOO	15010	4K1215	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
ONEIDA TOWNSHIP SCH DIST	23490	5K0123	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
ROXAND TOWNSHIP SCH DIST	23590	5K0823	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
CHURCH SCHOOL	32040	4K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
RED SCHOOL	32140	4K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BLOOMFIELD TWP SCH DIST	32220	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BLOOMFIELD TWP SCH DIST	32230	5CLO32	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BLOOMFIELD TWP SCH DIST	32250	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
COLFAX TWP SCH DIST 1F	32260	5K0732	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
COLFAX TWP SCH DIST 2	32270	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
COLFAX TWP SCH DIST 6	32290	6K0732	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
COLFAX TWP SCH DIST 7	32300	5CLO32	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SHERIDAN TWP SCH DIST 4	32530	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SHERIDAN TWP SCH DIST 5	32540	5K0732	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SIGEL TWP SCH DIST 3	32610	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SIGEL TWP SCH DIST 4	32620	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SIGEL TWP SCH DIST 6	32630	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
VERONA TWP SCH DIST 1F	32650	5K0832	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BERLIN TWP SCH DIST 3F	34140	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BERLIN TWP SCH DIST 5F	34150	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
CAMPBELL TWP SCH DIST 4	34250	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
EASTON TWP SCH DIST 6F	34340	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
IONIA TWP SCH DIST 2F	34360	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
IONIA TWP SCH DIST 5	34380	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
NORTH PLAINS TWP SCH DIS	34480	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
ORLEANS TWP SCH DIST 9	34600	5K0634	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
ORLEANS TWP SCH DIST 10	34610	5K0734	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
PORTLAND TWP SCH DIST 5F	34710	5K0734	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BURNSIDE TWP SCH DIST 10	44190	5K0744	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
GOODLAND TWP SCH DIST 1	44240	5K0844	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
GOODLAND TWP SCH DIST 2	44260	5K0844	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BOIS BLANC PINES SCHOOL	49020	4K0817	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
BREVORT TWP SCHOOL DISTR	49030	4CLO17	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
SANILAC TWP SCH DIST 1	76710	5K0876	*	DISTRICT	NOT	ON	FILE	STAFF	DECK
DEPARTMENT OF CORRECTION	84010	4K1284	*	DISTRICT	NOT	ON	FILE	STAFF	DECK

STAFF DECK

NO. READ = 560