

APPLICATION OF SCHOOL CLOSING FACTORS TO COVINGTON JUNIOR HIGH SCHOOL

I. LOCATION

A. <u>Capacity of adjacent schools to accommodate.</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
1. Enrollment	<u>672</u>	<u>653</u>	<u>641</u>
2. Excess capacity of adjacent schools			
Barnum	<u>205</u>	<u>214</u>	<u>173</u>
Berkshire	<u>135</u>	<u>163</u>	<u>328</u>
Derby	<u>66</u>	<u>56</u>	<u>163</u>
Sub Total	<u>406</u>	<u>433</u>	<u>664</u>
West Maple	<u>41</u>	<u>117</u>	<u>186</u>
Total	<u>447</u>	<u>550</u>	<u>850</u>

Using all four junior highs would not provide enough excess space to accommodate Covington students if it were to be closed in the next two years.

B. Resulting Feeder School Patterns.

Senior High served by Covington: Seaholm

Feeder school patterns for senior high would probably not be changed if Covington were closed. Elementary feeder patterns would probably change considerably.

C. Transportation.

Number of students currently bused. 289

Percent of students currently bused. 43%

Somewhat more students would need to be transported if Covington were closed, requiring an estimated two additional bus loads.

D. Safety Considerations.

No major safety problems would be created if Covington were closed.

II. ADEQUACY OF FACILITY

A. Capacity of Facility. 911

Covington capacity exceeds the optimum.

B. Flexibility of Building.

Covington has a high degree of flexibility.

C. Size of Usable Site.

Size of Site: 20.0 acres

The site is adequate for its capacity.

D. Cost of Maintenance and Operation.

1. Current maintenance and operating budget. \$284,330

2. Operating cost per unit of capacity. \$ 312

There are no major maintenance problems at Covington. Maintaining and operating air conditioning units contributes to increased costs.

E. Need for Major Renovation.

There are no major maintenance or renovation needs.

III.	ENROLLMENT	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
	A. <u>Projected Enrollment.</u>	<u>672</u>	<u>653</u>	<u>641</u>
	Enrollments are projected to decline very slightly and remain below optimum.			
	B. <u>Present Enrollment (1974-75).</u>	<u>680</u>		
	C. <u>Building Capacity.</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
	With a capacity of 911, the percent of utilization is projected to be:	74%	72%	66%

IV. DISPOSAL OF FACILITY

A. Possibility of Salability, Leasing or Alternative Use.

Undetermined, no inquiries have been received.

B. Zoning or Legal Restriction.

The site is located in a single family zoned area.

C. Worth of Facility in Resale.

Undetermined.

V. IMPACT

A. <u>Number of pupils and families affected.</u>	<u>1975-76</u>	<u>1976-77</u>
Number of pupils affected	<u>672</u>	<u>653</u>
Number of families affected	<u>571</u>	<u>555</u>

B. Community Use.

Covington is used by the student body and community groups for many activities beyond regular school hours. Some of the activities include:

water safety course, adult open gym and open swim, fitness classes, basketball, P.T.A. meetings, Saturday morning recreation, and meetings by the staff and other community groups.

C. Community Interest and Support.

Indications of community support are:

Good attendance at Open House (600), many more positive phone calls than negative, volunteer helpers for a great books program, for staffing the clinic, for school recreation nights and others.

APPLICATION OF SCHOOL CLOSING FACTORS TO: Derby Junior High School

I. LOCATION

A. <u>Capacity of adjacent schools to accommodate .</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
1. Enrollment	<u>823</u>	<u>833</u>	<u>726</u>
2. Excess capacity of adjacent schools:			
Barnum	<u>205</u>	<u>214</u>	<u>173</u>
Covington	<u>239</u>	<u>258</u>	<u>309</u>
Sub Total	<u>444</u>	<u>472</u>	<u>482</u>
Berkshire	<u>135</u>	<u>163</u>	<u>328</u>
West Maple	<u>41</u>	<u>117</u>	<u>186</u>
Total	<u>620</u>	<u>752</u>	<u>996</u>

Adjacent schools would not be able to accommodate Derby students if it were closed. Even using all four other junior highs would not provide enough excess capacity for the next few years.

B. Resulting Feeder School Patterns.

Senior High served by Derby: Seaholm

Senior high feeder patterns might well be continued as at present, but elementary feeder patterns would be changed considerably.

C. Transportation.

Number of students currently bused. 278

Percent of students currently bused. 34%

Some students could walk to Barnum but most students would need to be transported requiring an estimated additional 8 buses.

D. Safety considerations.

Students walking to Barnum would have to cross Woodward Avenue.

II. ADEQUACY OF FACILITY

A. Capacity of Facility. 889

Capacity is above the optimum.

B. Flexibility of building.

Derby has a medium degree of flexibility.

C. Size of usable site.

Size of site: 32.0 acres

D. Cost of maintenance and operation.

1. Current maintenance and operating budget. \$285,330

2. Operating cost per unit of capacity. \$321

There are no major maintenance problems at Derby.

E. Need for major renovation.

There are no major maintenance or renovation needs at Derby.

III. ENROLLMENT	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
A. <u>Projected enrollment.</u>	<u>823</u>	<u>833</u>	<u>726</u>
Enrollments are projected to decline slightly.			
B. <u>Present enrollment (1974-75).</u>	<u>827</u>		
C. <u>Building capacity.</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
With a capacity of 889, the percent of utilization is projected to be:	93%	94%	82%

IV. DISPOSAL OF FACILITY

A. Possibility of salability, leasing, or alternative use.

Community members (non-Derby parents) have suggested sale or lease to Troy School District, and some interest has been shown by Troy Public Schools.

B. Zoning or legal restrictions.

The school site is located within a single and multiple dwelling zoned area.

C. Worth of facility in resale.

Undetermined.

V. IMPACT

A. <u>Number of pupils and families affected.</u>	<u>1975-76</u>	<u>1976-77</u>
Number of pupils affected.	<u>823</u>	<u>833</u>
Number of families affected.	<u>694</u>	<u>695</u>

B. Community use.

Derby is used extensively by the student body and community groups for many activities beyond the school day. Some of the forty-nine activities listed include: meeting place for P.T.A., Scouts, University and local inservice, Recreation classes, Added Education classes, and many others.

C. Community Interest and Support.

The responsiveness of parents in supporting school activities, i.e.,
 600-650 at annual open house
 250-400 at music concerts
 200-300 at gymnastic show
 600-700 at water show (three performances)

Use of athletic field by community groups (Little League football, baseball, catholic football league, tennis courts, softball field etc.).

Strong active P.T.A.
 Active and supportive band and orchestra parents organization.
 Very active S.I.T.E. Committee.

APPLICATION OF SCHOOL CLOSING FACTORS TO WEST MAPLE JUNIOR HIGH SCHOOL

I. LOCATION

A. <u>Capacity of adjacent schools to accommodate.</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
1. Enrollment	<u>632</u>	<u>556</u>	<u>487</u>
2. Excess capacity of adjacent schools			
Berkshire	<u>135</u>	<u>163</u>	<u>328</u>
Barnum	<u>205</u>	<u>214</u>	<u>173</u>
Covington	<u>239</u>	<u>258</u>	<u>309</u>
Sub Total	579	635	810
Derby	<u>66</u>	<u>56</u>	<u>163</u>
Total	645	691	973

Berkshire, being the only adjacent school, could not accommodate West Maple students. Using all remaining junior highs, the students could be accommodated.

B. Resulting Feeder School Patterns.

Senior High served by West Maple: Groves

Senior high feeder patterns would perhaps not change if West Maple were closed. Elementary schools would be affected.

C. Transportation.

Number of students currently bused. 298

Percent of students currently bused. 46%

All students would need to be transported if West Maple were closed, requiring an additional ten bus loads. Very possibly this number would be increased if Barnum's attendance area were extended.

D. Safety Considerations.

No safety problems would be created if West Maple were closed.

II. ADEQUACY OF FACILITY

A. Capacity of Facility. 673

West Maple's capacity is slightly below optimum.

B. Flexibility of Building.

West Maple has a high degree of flexibility.

C. Size of Usable Site.

Size of Site: 20.0 acres

The site is adequate for its capacity.

D. Cost of Maintenance and Operation.

1. Current maintenance and operating budget. \$281,190

2. Operating cost per unit of capacity. \$ 418

There are no major maintenance problems at West Maple. Maintaining and operating air conditioning units contributes to increased costs.

E. Need for Major Renovation.

There are no major maintenance or renovation needs.

III.	ENROLLMENT	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
	A. <u>Projected Enrollment.</u>	<u>632</u>	<u>556</u>	<u>487</u>
	Enrollments are projected to decline significantly below the optimum.			
	B. <u>Present enrollment (1974-75).</u>	<u>649</u>		
	C. <u>Building Capacity</u>	<u>1975-76</u>	<u>1976-77</u>	<u>1979-80</u>
	With a capacity of 673, the percent of utilization is projected to be:	94%	83%	72%

IV. DISPOSAL OF FACILITY

A. Possibility of Salability, Leasing or Alternative Use.

Undetermined; no inquiries have been received.

B. Zoning or Legal Restrictions.

The site is located mainly in a single family zoned area but has commercial zoning on the south and has a golf course on the west across Inkster Road.

C. Worth of Facility in Resale.

Undetermined.

V. IMPACT

A. Number of pupils and families affected.	<u>1975-76</u>	<u>1976-77</u>
Number of pupils affected	<u>630</u>	<u>550</u>
Number of families affected	<u>540</u>	<u>480</u>

B. Community Use.

Adult recreation programs.

 Synchronized swimming

 Open basketball

 Open family swim

Home owners association subdivision meetings, church group meetings (Sunday), student recreation and social activities, P.T.S.A. Board and P.T.S.A. meetings.

C. Community Interest and Support.

Overall general support for the programs offered by the West Maple staff as well as those that are considered an extension over and beyond the curricular program.

Verbal comments relayed to school administrators and to staff during coffee hours conducted for exchange of communication.

High attendance at school functions and very generous financial support for many activities that benefit students and community.

COSTS OF ELEMENTARY SCHOOLS & ADDITIONS

SCHOOL	ORIGINAL BUILDING		1ST ADDITION		2ND ADDITION		3RD ADDITION		4TH ADDITION		5TH ADDITION		TOTAL COST	TOTAL Square Feet
	YR.	Cost	Yr.	Cost	Yr.	Cost	Yr.	Cost	Yr.	Cost	Yr.	Cost		
Adams	1921	135,000	1925	270,000	*1970	51,358							456,358	56,762
Beverly	1954	611,171	1955	224,062	1970	99,600							934,833	33,676
Bloomfield	1927	74,000	1944	25,000	1954	231,728	1957	67,839	1962	88,471	1970	72,081	559,119	22,816
Bingham Fms.	1968	1,020,000											1,020,000	47,000
Evergreen	1966	811,727											811,727	43,500
Franklin	1923	20,000	1946	8,000	1951	117,731	1954	265,952	1962	230,844	1970	173,200	815,727	24,902
Greenfield	1957	760,323	1970	77,696									838,019	35,878
Harlan	1957	743,622	1962	149,333	1970	267,538							1,160,493	48,000
Midvale	1957	776,246	1970	79,235									855,481	26,500
Meadow Lake	1963	522,499	1966	228,035									750,534	37,000
Pembroke	1955	612,812	1957	197,512	1962	116,791	1970	96,853					1,023,968	53,000
Pierce	1924	270,000	1949	196,545	1950	14,414	*1970	32,688					513,647	38,144
Quarton	1927	313,000	1954	310,998	*1970	32,950							656,948	40,349
Torry	1951	241,833	1954	418,561	1970	78,117							738,511	43,000
Valley Wds.	1951	683,712	1966	242,702									926,414	42,665
Walnut Lake	1936	22,000	1946	50,000	1951	153,627	1954	127,548	1957	236,259	1968	238,753	728,187	35,359
Westchester	1962	724,246	1970	89,379									813,625	22,000

*No Additional Square Feet

JVO/mg 1972

AGE AND COSTS OF SECONDARY SCHOOLS & ADDITIONS

SCHOOL	ORIGINAL BUILDING		1ST ADDITION		2ND ADDITION		3RD ADDITION		4TH ADDITION		5TH ADDITION		TOTAL	TOTAL SQUARE FT
	YR.	COST	YR	COST	YR	COST	YR	COST	YR	COST	Yr	COST		
Seaholm H. S.	1952	\$2,670,392	1955	\$391,943	1957	\$808,651	1966	\$500,500	1969	\$246,000	1971	\$2,318,111	\$6,935,597	330,340
Groves H. S.	1959	4,639,976	1968	707,850	1977	2,120,000						2,130,000	9,600,826	314,100
Barnum Jr H.	1912	74,000	1930	385,000			1963	237,673	1969	319,664			1,351,388	80,151
Berkshire Jr H.	1963	2,341,793											2,341,793	137,000
Covington Jr H.	1967	2,889,000											2,889,000	131,000
Derby Jr. H.	1956	2,405,743	1957	369,731	1969	200,542							2,976,016	93,100
West Maple Jr. H.	1968	2,859,250											2,859,250	115,000

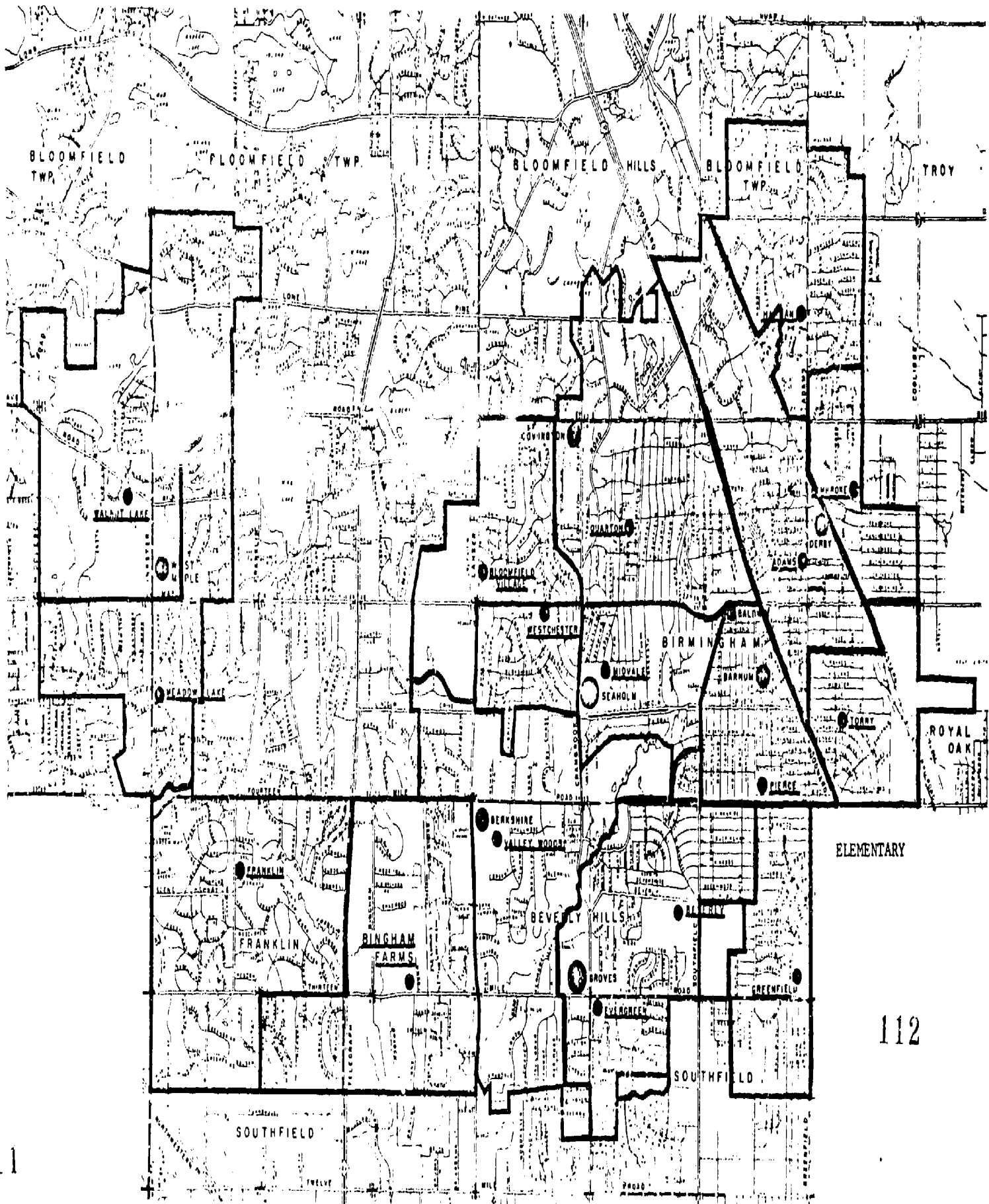
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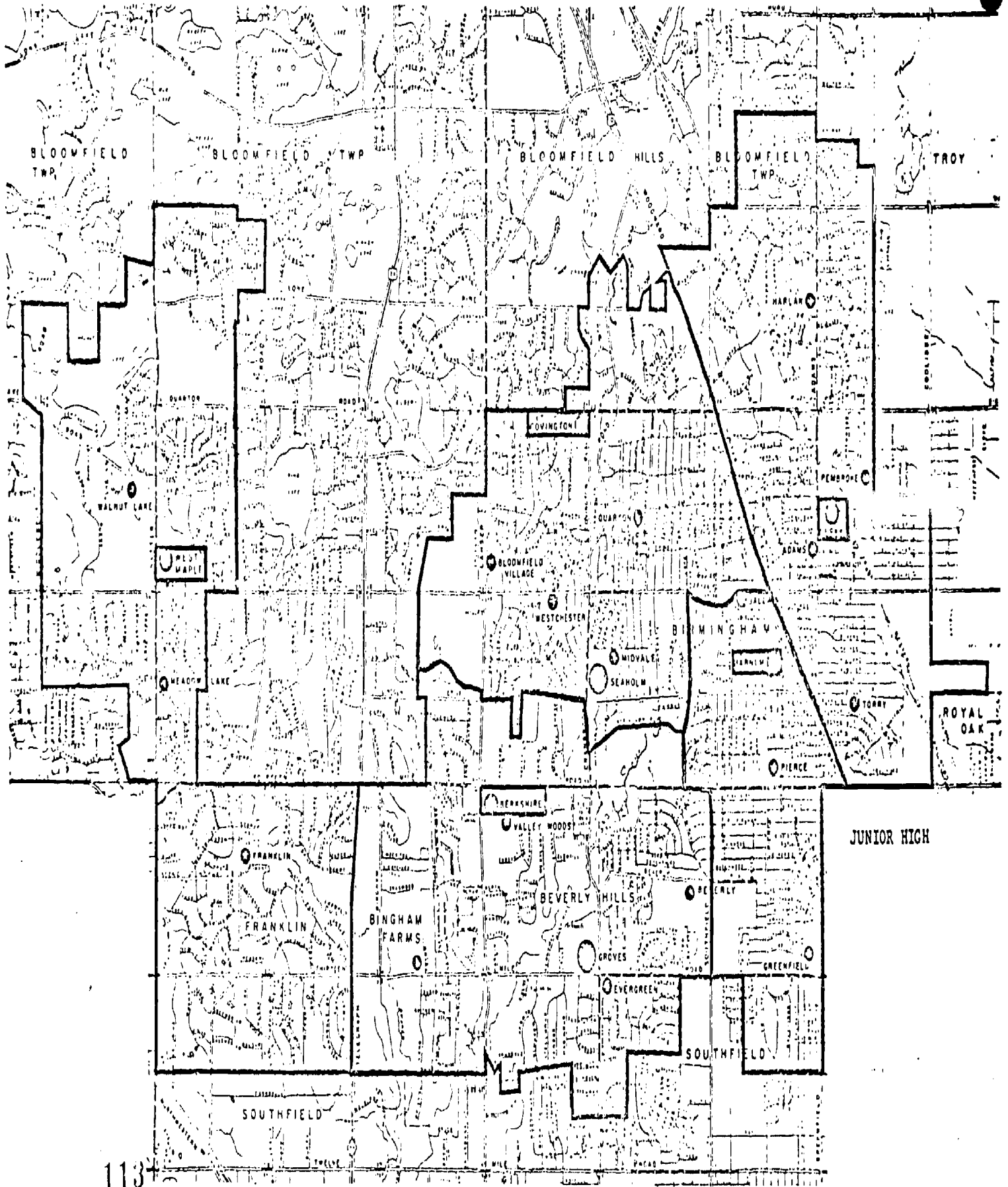
ELEMENTARY AND JUNIOR HIGH OPERATING COST
1974-1975

	<u>Utilities</u>	<u>Annual Maintenance and Supplies</u>	<u>Custodial Salaries**</u>	<u>Adm./Cler. Salaries**</u>	<u>Total**</u>	<u>Optimum Capacity with LRC</u>	<u>Oper. Cost/Unit of Cap.</u>
Adams	21,600	7,900	31,300	34,550	95,350	621	154
Beverly	15,300	7,900	31,000	34,550	88,750	540	164
Bingham Farms	23,200	7,400	26,000	36,550	93,150	486	192
Bloomfield V.	17,600	7,100	21,200	22,775	68,675	351	243
		(at cap.)	26,200	34,500	85,400		
Evergreen	19,800	7,700	31,300	35,850	94,650	378	250
Franklin	12,600	7,400	31,000	35,070	81,170	378	215
Greenfield	24,800	7,700	31,000	36,550	100,050	513	195
Harlan	28,300	7,900	31,000	36,550	103,750	675	154
Meadow Lake	21,800	7,700	31,300	36,000	96,800	513	189
Midvale	19,900	7,300	26,000	32,720	85,920	351	245
Pembroke	26,800	7,700	31,300	36,000	101,800	594	171
Pierce	17,900	7,700	31,000	36,000	92,600	567	163
Quarton	29,700	7,700	31,000	35,700	104,100	567	184
Torry	15,800	7,700	31,300	36,550	91,350	486	188
Valley Woods	28,000	7,900	31,000	36,550	103,450	513	202
Walnut Lake	14,500	7,400	26,100	34,090	82,090	351	234
Westchester	14,500	7,300	21,200	22,775	65,775	378	221
		(at cap.)	26,200	34,500	82,500		
Barnum	58,700	28,300	67,400	85,480	239,880	710	338
Berkshire	49,900	28,300	77,000	81,680	236,880	932	254
Covington	91,000	30,500	81,000	81,830	284,330	911	312
Derby	84,200	28,800	87,500	84,830	285,330	889	321
West Maple	95,400	28,800	77,000	79,990	281,190	673	418

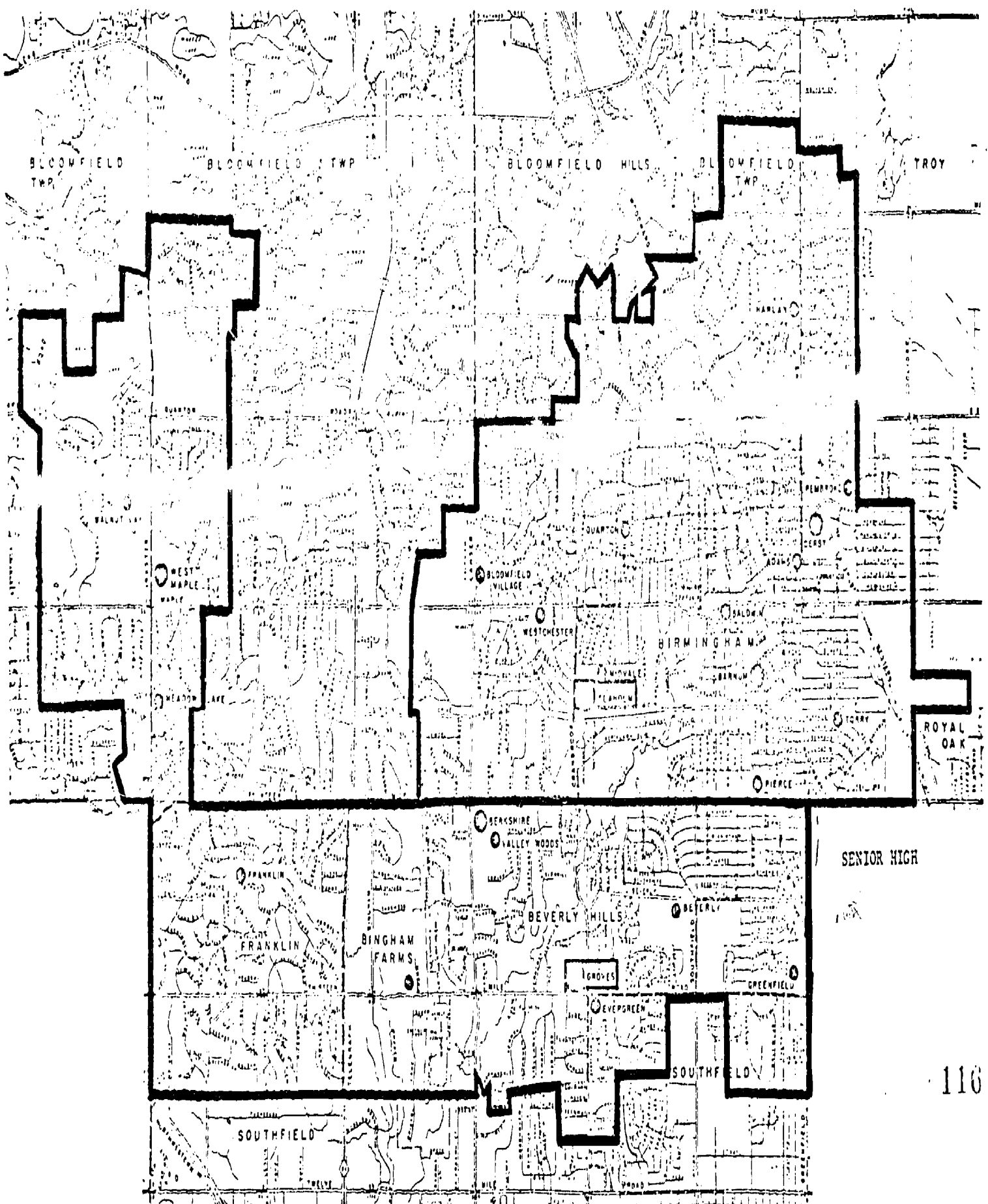
**These figures include a projected estimate for salary improvements for 1974-75. Final figures will be available after contract settlements have been determined. The net savings the district would actually realize from closing a building could be as much as \$5,000 less than the figures (totals) shown here due to the seniority clauses in our contract agreements with our employee groups.

11-12-74





JUNIOR HIGH



NUMBER AND PERCENT OF
STUDENTS TRANSPORTED*

1974

	ENROLL	NUMBER OF BUS TRANSPORTED	PERCENT TRANSPORTED	NUMBER OF BUS LOADS
ADAMS	374	45	12	2
BEVERLY	447	64	14	2
BINGHAM FARMS	350	173	49	4
BLOOMFIELD VILLAGE	190	74	39	2
EVERGREEN	429	0	0	0
FRANKLIN	243	119	49	3
GREENFIELD	474	143	30	3
HARLAN	507	98	19	3
MEADOW LAKE	339	196	58	5
MIDVALE	297	51	17	1
PEMBROKE	363	0	0	0
PIERCE	517	0	0	0
QUARTON	548	64	12	1
TORRY	358	0	0	0
VALLEY WOODS	302	182	60	6
WALNUT LAKE	337	117	35	3
WESTCHESTER	188	0	0	0
TOTALS	6263	1326	21%	35
BARNUM	537	171	32	4
BERKSHIRE	809	572	71	15
COVINGTON	680	289	43	7
DERBY	827	278	34	7
WEST MAPLE	649	298	46	9
TOTALS	3502	1608	46%	42
GRAND TOTALS:	9765	2934	30%	77

*Does not include special education

FG/tn
12/30/74

To: A _____ of Principals
From: Facilities Study Committee: Frank Goetz, Chairman
Date: August 19, 1974
Re: Future Program Plans and Space Needs

The following objective is one included in District Priority #4 "Planning For Facilities and Programs."

To determine future K-12 facility space needs through 1976; this to be determined in part by building program needs as determined by building staffs.

As you know, the Facilities Committee completed its assessment of the adequacy of the 24 school plants. A memo to you dated April 25, 1974, makes reference to the substantial adequacy of our buildings to accommodate present educational programs.

You will recall that in that memo I raised the issue of future programs, especially those that would have implications for facility renovations. In order to complete the priority objective listed above we will need some input from you and your staff.

In order to assist in making the task easier the accompanying form is provided. A suggestion that may make sense would be to present this to your staff at a regular staff meeting. Depending on the size of your staff, interest in the topic, etc., you may wish to pursue the topic together as a total staff or a committee might be more practical.

How you proceed to arrive at the answers to the questions is your option. This can be an indepth study or it could be less intense. We will appreciate receiving a completed form from all buildings. Perhaps a reasonable deadline for receipt of your completed form would be November 1, 1974. This will then make it possible to more adequately project and plan for potential program changes that should be outlined in our report to the Board scheduled for December or January.

*Suggestions for Preparing A Summary Report Of Plans For Educational Program Change

This preliminary summary statement of plans for change should include minimal details re the following:

- a. Title and/or description of the possible change.
- b. Reason for the need for or desire to make the change.
- c. Preliminary indications of community and staff support for such a proposed change.
- d. Estimate of costs beyond regular budget allotments.
- e. A practical timeline for development and implementation of the plan.
- f. Other information deemed pertinent.

Upon receipt of an initial proposal, the Director of Curriculum and the Director of Evaluation would counsel with the project planning group to assist in refining and perfecting the plan. Program planners may find it helpful to review the checklist for proposal preparation development by the Director of Curriculum.

BIRMINGHAM PUBLIC SCHOOLS
Birmingham, Michigan

FIVE YEAR PLAN FOR PROGRAM CHANGE

1974 - 1979

Date _____

School _____

Principal _____

I have discussed with my staff the matter of potential program change during the next five years. Our plans call for:

A _____ Maintaining our present educational program with no major instructional change contemplated at this time.

Comment: _____

B _____ Exploring one or more possible improvements in our educational program but which will not necessitate significant alterations to our facility. Our tentative plans are summarized on the attached statement.*

C _____ Pursuing one or more possible improvements in our educational program which will necessitate significant alterations to our facility or the acquisition of additional space. Our tentative plans are summarized on the attached statement.*

TENTATIVE LONG-RANGE PLANS OF SCHOOL STAFFS

Building principals were surveyed (Fall 1974) to determine if there were plans for program change being considered for the next five years. Results of this survey are summarized below. In some cases the program is in the developmental stage; in others it represents near future intent and in still others an interest in distant possibilities. Principals understand that as conditions in the district stabilize, these capsulizations of present thinking or direction may change as circumstances warrant.

SCHOOL	Present plans call for maintaining the current program with no major instructional change contemplated	Plans call for exploring changes in program which will not require significant alterations to the facility	Plans call for pursuing changes in program which will necessitate alterations to the facility
	(A)	(B)	(C)
ADAMS	X		
BEVERLY		Interested in exploring possibilities. Nothing firm at this time.	
BINGHAM FARMS			Suggest implementation of total I.G.E. organization by 1976-77. Plan calls for enlarging Art and Music room and providing a sound barrier for the M.I.C.
BLOOMFIELD VILLAGE	X		
EVERGREEN			Close in MIC classrooms. Install air conditioning to provide for good summer school site or year-round school possibility. Renovate kitchen to provide for more needed space. Install one operable wall. Carpet certain hallway areas. Provide for a self

APPENDIX U

SCHOOL	(A)	(B)	(C)
EVERGREEN (cont.)			sufficient room(s) to be used as a community center. Expand use of cognitive mapping procedures.
FRANKLIN			Complete implementation of ICE-type organization including Wisconsin design, cognitive mapping and Human Development techniques. Installation of operable walls between certain classrooms, addition of sinks and installation of carpeting in all rooms.
GREENFIELD			
HARLAN		Exploring use of "Class Meeting" approach. This coupled with other ongoing activities suggests the need for 4 classrooms to be reserved for these activities.	
MEADOW LAKE			In moving toward expansion of the open classroom concept there is a need to remove a number of walls, doors and glass partitions. Carpeting would be needed in 14 rooms. A three phase plan calls for completion by 1977.
MIDVALE			Development of the Media Center into a model learning center intended to provide a facility, materials and procedures for individualizing each child's program.

SCHOOL	(A)	(B)	(C)
MIDVALE (cont.)			Included is the intent to develop cross age grouping. Present plans call for completing development Sept., '76.
PEMBROKE		Continue to work toward development of IGE type organization with emphasis on Wisconsin Design for reading and problem solving strategies incorporating use of hand calculators for math continued development of community use of facilities.	
PIERCE		Exploring ways to provide for more effective individualization of instruction through grouping, use of the LRC and through development of the Media Center.	Development of the Media Center both physically and organizationally to provide for expanded individualization.
QUARTON			
TORRY		Continue present program and cooperate with career education committee in developing a K-6 program.	
VALLEY WOODS			
WALNUT LAKE		There is a desire to implement a pre kindergarten program and to expand significantly the present community education program.	Renovate primary wing to provide an "experience area", which would promote an "open" approach. Enclose the main courtyard and establish environmental education stations.

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SCHOOL	(A)	(B)	(C)
WALNUT LAKE (cont.)			Install doors between some rooms to provide for "free flow" throughout the building.
WESTCHESTER	X		
BARNUM		There is some interest in considering making changes toward the middle school concept.	
BERKSHIRE			
COVINGTON		Interest in exploring variations of team teaching including non-gradedness, and differentiated staffing. Added personnel would be needed. With approval and financial support the program could be developed and implemented within one year.	
DERBY			
WEST MAPLE		Exploring alternatives involving team teaching and scheduling procedures and patterns. Considering programs incorporating non-gradedness and the possibility of differentiated staffing. Also studying possibility of restructuring the team make-up.	

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SCHOOL	(A)	(B)	(C)
GROVES		Interest in exploring team teaching and flexible modular scheduling. NCA study will provide further direction.	
SEAHOLM		An intense NCA self evaluation coupled with recommendations form an NCA visiting team next year will provide goals and direction for program development for the next few years. These recommendations will be available within one year.	
IMC			Establish a Professional Resource Center in the district. This would house the district IMC, provide space for curriculum committee meetings, provide space for inservices, provide space and facilities for curriculum development projects provide for graphic and printing service, provide for collection and display of curriculum materials, provide centralized coordination of volunteers, speakers PTSA and related groups and provide space for some community use of school services.