
1992

ANNUAL GROWTH REPORT
ADEQUATE PUBLIC FACILITIES
HARFORD COUNTY

Prepared by:
Department of Planning and Zoning
May 1993

THE 1992 ANNUAL REPORT
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EXECUTIVE SUMMARY

The Annual Growth Report is required to be updated and published once a year by the Adequate Public Facilities law (Sec. 267-104) to determine which facilities have fallen below the adopted minimum standards.

For the Public School system the standards are:

Elementary Schools - 120 % of local rated capacity within 2 years.

Secondary Schools - 120 % of local rated capacity within 3 years.

For the time period covered by this Report, preliminary plans for residential subdivisions may be granted approval for all school districts in Harford County. This approval will be in effect from July 1, 1993 to June 30, 1994.

The following schools have approved construction funding and will open on the following dates:

<u>School</u>	<u>Opening Date</u>	<u>Schools Affected</u>
Fallston MS	Fall 1993	* Youth's Benefit ES
Fountain Green ES	Fall 1993	Prospect Mill ES, Bel Air ES, Hickory ES
Country Walk ES	Fall 1994	Homestead ES, Ring Factory ES, W.S. James ES
Church Creek ES	Fall 1994	Bakersfield ES, W.M. Paca/OPR ES, Riverside ES, Hillsdale ES
Bel Air MS Addition	Fall 1994	None - Adds capacity to existing district

* Redistricting efforts completed in 1991 included relief for Southampton Middle school, C.M. Wright High school and Bel Air Middle and High schools. The Sixth Grade from Youth's Benefit will be moved into the new Middle School.

INTRODUCTION

The Annual Report is a thorough and on-going analysis of growth trends, facility capacity and service performance. This report was prepared by the Department of Planning and Zoning with cooperation of the other County departments and agencies. It is the intention of this report to provide information on the present development activity as well as past trends and future projections.

The information in this report will be used by public officials, citizens and private developers for various purposes:

- to assess facility adequacy during the development review and approval process;
- to assess facility capacity in support of zoning reclassification decisions;
- to support the evaluation of priority projects in the annual Capital Budget review;
- to identify critical deficiencies which require prompt attention by the County.

The data in this report are aggregated by the appropriate facility area and includes information on the building permits issued by dwelling type, population and households, school enrollments, County rated capacities for each school facility, utilization of each school facility, 3 year projected school enrollments, approved capital projects and pupil yield factors by dwelling unit type. Additional information includes building permits issued County wide compared to regional jurisdictions and 5 and 10 year population and household projections county wide.

METHODOLOGY

Population Projections

The population and household information in this annual report is based on the 1990 Census data. Yearly estimates of population and households in Harford County are determined from the Census information and a number of variables including, building permits, average household size and household vacancy rates. The 5 and 10 year projections use the same information however, a growth factor is applied to determine how fast and how much the County will grow. This growth factor is based on the number of building permits that are expected to be issued per year. It is important to note that projections are made based on past trends and land use availability.

The 1990 Census information at the census block level is utilized for specific analysis of each facility regarding area maps and demographic information. Building permits were distributed among facility areas by subdivision name and/or address of each building permit for each year. This provides the needed information on growth trends by facility area.

School Enrollment Projections

The method for projecting students requires historical data for live births and the number of children enrolled in public schools. Using these data a series of ratios which reflect grade cohort survival are developed. These ratios automatically include consideration of a number of factors:

1. Births in a given year which affect subsequent kindergarten and first grade enrollments.
2. Net migration of school age children.

3. Net transfer of children between public and private schools.
4. Nonpromotion of children to the next grade level.
5. Dropouts in the later years of secondary school.
6. Shifts between regular grade and upgraded groups other than special education.

This technique of finding a ratio is used for each successive grade. For example, a ratio is developed between the number of children actually in the first grade in 1985 and the number in the second grade the following year. The ratio, therefore, represents the number of first graders who advance to the second grade. If significant variations, such as a housing boom exist then factors such as pupil yields for subdivision activity and development trends must be measured.

In order to ensure precise projections, development monitoring is a key task in performing accurate projections because housing expansion periods are one of the greatest impacts to school enrollments. Two of the primary means of calculating projected student enrollment due to a housing expansion period are by using pupil yield factors and build out schedules from developers.

Pupil yield factors are determined by researching the number of students from a particular community/subdivision that are actually attending their home school. By dividing the number of students accounted for by the number of dwelling units, a pupil generation factor is determined. It is important to note that different pupil yield factors are generated depending on housing type (single family, townhouse, apartment etc.) and school level (elementary, middle and high). Surveys of sample subdivisions to assess an accurate yield factor are completed on a regular basis.

Along with pupil yield factors, build out schedules help to determine impact to area schools on a yearly basis. A build out schedule will show the number and type of units to be constructed in year "x" and every successive

year "x" until completion of the project. Board of Education requests built out schedules from developers for year one, year three, and year five. Yearly updates are also requested for the above scenarios in case there are amendments made to the schedule.

The following tables outline the growth County wide and by facility area. The facility included in this report is the Public School System. Each school facility has been analyzed in terms of past growth trends, current conditions and future enrollment projections. The information has been aggregated by the current school districts. The information in this report is based on factual data. Based on the Adequate Public Facilities law level of service standard for Public Schools;

Elementary - 120% of local rated capacity within 2 years

Secondary - 120% of local rated capacity within 3 years

preliminary plans for residential subdivisions may be granted approval for all school districts in Harford County for the time period covered in this Report.

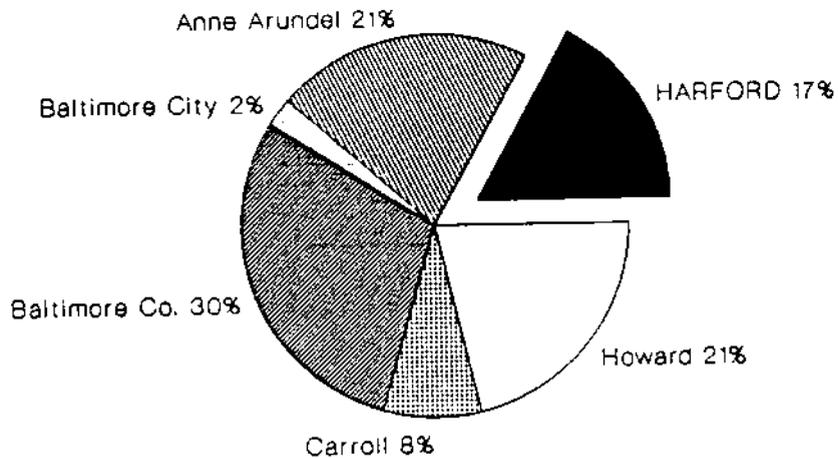
HARFORD COUNTY POPULATION/HOUSEHOLD PROJECTIONS 1992 - 2002

	1992	1997	2002
TOTAL POPULATION	190,725	212,700	229,200
TOTAL HOUSEHOLDS	67,875	75,260	82,950

HARFORD COUNTY - BALTIMORE REGION BUILDING PERMIT ACTIVITY 1986 - 1992

County	1986	1987	1988	1989	1990	1991	1992	TOTAL 1986-1992
HARFORD	2,574	2,706	2,586	3,128	2,647	2,280	2,707	18,628
Anne Arundel	3,940	3,788	3,390	2,555	3,892	2,408	3,491	23,464
Baltimore City	158	306	668	672	240	530	78	2,652
Baltimore Co.	6,093	4,628	4,810	4,167	4,324	3,185	5,190	32,397
Carroll	1,608	1,786	1,458	1,335	958	751	1,046	8,942
Howard	4,011	4,161	4,101	5,348	1,303	1,772	2,603	23,299
REGION	18,384	17,375	17,013	17,205	13,364	10,926	15,115	109,382

% OF THE REGION'S RESIDENTIAL PERMITS 1986 - 1992



HARFORD COUNTY BUILDING PERMIT ACTIVITY BY ELEMENTARY SCHOOL DISTRICT 1988 - 1992

SCHOOL	1988					1989					1990					1991					1992				
	BUILDING PERMITS ISSUED BY DWELLING TYPE					BUILDING PERMITS ISSUED BY DWELLING TYPE					BUILDING PERMITS ISSUED BY DWELLING TYPE					BUILDING PERMITS ISSUED BY DWELLING TYPE					BUILDING PERMITS ISSUED BY DWELLING TYPE				
	SF	TH	APT/	MH	TOTAL	SF	TH	APT/	MH	TOTAL	SF	TH	APT/	MH	TOTAL	SF	TH	APT/	MH	TOTAL	SF	TH	APT/	MH	TOTAL
Abrington	86	335	313	22	756	112	363	284	12	771	192	219	204	11	626	99	212	0	10	321	137	222	24	3	386
Bakerfield	23	0	0	0	23	58	0	0	4	62	44	0	0	2	46	26	0	0	4	30	55	0	0	2	57
Bell Air	57	88	0	0	145	54	37	0	0	91	40	0	0	0	40	51	0	0	0	51	10	0	223	0	233
Churchville	16	0	0	3	19	13	0	0	9	22	10	0	0	6	16	27	0	0	2	29	36	0	0	6	42
Darlington	13	0	0	13	26	6	0	0	16	22	1	0	0	11	12	5	0	0	8	13	4	0	0	12	16
Deerfield	31	0	0	3	34	25	0	0	2	27	8	0	0	1	62	23	0	0	4	27	22	0	0	1	23
Dublin	7	0	0	7	14	9	0	0	8	17	1	0	0	10	18	6	0	0	4	10	11	0	0	5	16
Edgewood	5	22	0	0	27	1	6	0	0	7	1	0	0	0	1	0	0	0	0	12	0	0	0	0	0
Forest Hill	86	17	0	3	106	100	6	96	1	203	62	8	36	7	113	77	8	102	2	189	101	0	36	1	138
Fountain Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hall's Cross Roads	0	0	137	1	139	4	0	19	0	23	5	0	8	0	13	0	10	6	0	16	2	0	1	0	3
Hayes de Grace	1	0	0	6	89	21	53	0	3	77	21	95	0	4	120	0	10	0	4	157	18	8	0	4	30
Hickory	31	52	0	31	54	22	0	0	59	81	20	0	0	41	61	8	0	0	19	27	15	0	0	30	45
Hillsdale	23	0	0	0	54	246	0	260	2	508	161	4	12	1	178	114	16	107	0	237	89	0	24	0	113
Homestead/Walkfield	180	14	0	0	194	23	0	0	0	23	26	0	0	1	27	24	1	0	2	27	27	0	0	3	30
Jarrettsville	56	0	0	3	59	4	0	0	2	6	3	0	0	2	5	4	0	0	6	10	1	0	0	5	17
Joppatown	6	0	0	5	11	3	0	0	7	10	18	1	0	7	26	20	0	0	7	27	12	0	0	2	221
Magnolia	1	0	0	6	7	76	0	0	0	76	56	0	0	6	62	64	0	0	4	68	135	83	1	2	31
Meadowdale	52	0	0	2	53	26	0	0	1	27	25	0	0	4	29	19	0	0	0	19	28	0	0	3	42
Norrisville	18	0	0	1	20	38	0	0	7	45	40	0	0	10	50	17	0	0	6	23	30	0	0	12	42
North Bend	41	0	0	12	53	55	0	0	12	67	27	0	0	18	45	44	0	0	16	60	41	0	1	15	57
North Harford	39	0	0	18	57	55	0	0	12	67	27	0	0	18	45	92	74	0	1	98	122	131	12	0	265
Prospect Mill	217	189	0	2	408	181	110	0	3	294	139	79	0	1	219	129	71	24	0	224	178	152	52	0	382
Ring Factory	81	45	0	1	127	83	193	24	1	301	125	95	36	0	256	2	9	0	1	12	3	0	1	3	7
Riverside	3	0	0	1	4	3	35	0	0	38	5	10	0	4	19	4	0	0	9	13	1	0	0	10	11
Floye-Williams	3	0	0	14	17	2	0	0	6	8	2	0	0	8	10	4	0	0	0	10	125	220	66	20	431
Wm. Peck/Old Post Rd	79	13	0	4	96	52	45	170	22	289	56	125	348	19	548	145	216	85	31	477	7	0	0	0	7
Wm. S. James	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	0	1	1	0	0	0	0	1
Youth's Benefit	47	0	0	1	48	32	0	0	1	33	39	0	0	4	43	33	0	0	0	33	42	0	0	0	43
TOTAL	1,202	775	450	159	2,586	1,249	848	853	178	3,128	1,189	636	644	178	2,647	1,105	767	336	141	2,280	1,305	816	441	145	2,707

** New school district

Source: Harford County Department of Planning and Zoning, May 15, 1993.

HARFORD COUNTY BUILDING PERMIT ACTIVITY BY SECONDARY SCHOOL DISTRICTS 1988 - 1992

MIDDLE SCHOOLS

SCHOOL	1988				1989				1990				1991				1992						
	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH			
	BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE						
Aberdeen	77	4	0	45	99	45	0	94	75	53	348	56	532	102	172	84	55	413	118	166	66	60	410
Bel Air	155	80	0	1	199	193	200	3	175	99	36	1	311	159	102	47	1	309	246	165	277	0	688
Edgewood	175	372	313	30	182	383	440	17	309	291	204	29	833	216	247	13	23	499	216	275	24	11	526
Fallston	234	17	0	3	234	6	180	1	194	8	48	4	254	172	8	176	0	356	198	0	60	1	259
Have de Grace	62	0	137	15	86	0	19	16	62	0	8	17	87	69	0	16	12	97	142	83	2	13	240
Magnolia	10	0	0	11	10	35	0	9	26	11	0	13	50	26	9	0	14	49	16	0	1	15	32
North Harford	160	0	0	40	150	0	0	26	125	0	0	41	166	112	0	0	28	140	127	0	1	34	162
Southampton	308	327	0	10	288	200	0	13	221	174	0	19	414	196	213	0	8	417	230	139	12	9	390
TOTAL	1,181	800	450	155	1,248	862	839	179	1,187	636	644	180	2,647	1,052	751	336	141	2,280	1,293	828	443	143	2,707

HIGH SCHOOLS

SCHOOL	1988				1989				1990				1991				1992						
	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH	SF	TH	APT/	MH			
	BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE				BUILDING PERMITS ISSUED BY DWELLING TYPE						
Aberdeen	77	4	0	45	99	45	0	94	75	53	348	56	532	102	172	84	55	413	118	166	66	60	410
Bel Air	159	104	0	1	210	230	200	3	185	99	36	1	321	171	100	46	2	319	246	165	277	0	688
Edgewood	175	372	313	30	182	383	440	17	309	291	204	29	833	216	247	13	23	499	216	275	24	11	526
Fallston	247	18	0	3	233	6	180	1	202	8	48	4	262	181	8	177	0	366	198	0	60	1	259
Have de Grace	62	0	137	15	86	0	19	16	62	0	8	17	87	69	0	16	12	97	142	83	2	13	240
Joplatowne	10	0	0	11	10	35	0	9	26	11	0	13	50	26	9	0	14	49	16	0	1	15	32
North Harford	160	0	0	40	150	0	0	26	125	0	0	41	166	112	0	0	28	140	127	0	1	34	162
C. Milton Wright	291	302	0	10	278	163	0	13	205	174	0	17	386	175	215	0	7	397	230	139	12	9	390
TOTAL	1,181	800	450	155	1,248	862	839	179	1,189	636	644	178	2,647	1,052	751	336	141	2,280	1,293	828	443	143	2,707

Source: Harford County Department of Planning and Zoning, May 15, 1993.

HARFORD COUNTY POPULATION / HOUSEHOLDS 1988 - 1992 BY ELEMENTARY SCHOOL DISTRICT

SCHOOL	1988 *		1989 *		1990 (April 1)		1991 *		1992 *	
	Households	Population	Households	Population	Household	Population	Households	Population	Household	Population
Abingdon	2,083	5,978	2,815	8,024	3,410	8,076	4,005	11,333	4,310	12,110
Bakerfield	2,761	7,925	2,820	8,038	2,864	7,520	2,908	8,229	2,936	8,251
Bel Air	3,255	9,341	3,341	9,522	3,061	7,894	3,099	8,770	3,147	8,844
Churchville	1,838	5,275	1,859	5,298	1,874	5,460	1,889	5,346	1,917	5,386
Darlington	700	2,008	721	2,054	732	2,046	743	2,104	756	2,124
Deerfield	1,751	5,027	1,777	5,065	1,836	5,818	1,895	5,363	1,921	5,397
Dublin	1,233	3,538	1,249	3,559	1,266	3,504	1,283	3,631	1,293	3,632
Edgewood	1,598	4,559	1,595	4,546	1,596	5,306	1,597	4,519	1,608	4,519
Forest Hill	1,663	4,772	1,856	5,289	1,963	6,064	2,070	5,859	2,250	6,322
Fountain Green	..	..	..	..	1,918	4,926	2,039	5,769	2,104	5,913
Hall's Cross Roads	1,554	4,460	1,554	4,429	1,554	4,129	1,554	4,398	1,554	4,367
Havre de Grace	2,506	7,192	2,528	7,204	2,540	6,163	2,552	7,223	2,568	7,215
Hickory	1,918	5,504	1,991	5,674	1,816	5,737	1,930	5,462	2,079	5,842
Hillsdale	2,568	7,370	2,645	7,538	2,703	7,010	2,761	7,813	2,787	7,830
Homestead/Wakefield	4,279	12,282	4,762	13,571	4,931	13,698	5,100	14,433	5,325	14,964
Jarrettsville	2,077	5,960	2,098	5,980	2,124	6,826	2,150	6,084	2,175	6,113
Joppatowne	2,877	8,256	2,882	8,214	2,887	7,851	2,892	8,184	2,901	8,153
Magnolia	1,333	3,825	1,342	3,826	1,367	4,329	1,392	3,939	1,417	3,983
Meadowdale	1,844	5,292	1,916	5,461	1,975	5,410	2,034	5,756	2,099	5,897
Norrisville	655	1,879	680	1,939	708	2,151	736	2,082	754	2,118
North Bend	1,707	4,898	1,750	4,986	1,797	5,655	1,845	5,220	1,866	5,244
North Harford	1,616	4,637	1,679	4,786	1,722	5,144	1,765	4,994	1,822	5,119
Prospect Mill	2,424	6,956	2,703	7,703	1,600	4,622	1,687	4,775	1,781	5,003
Ring Factory	1,877	5,387	2,163	6,164	2,406	6,901	2,649	7,497	2,862	8,042
Riverside	3,153	9,049	3,189	9,089	3,207	9,047	3,225	9,127	3,236	9,094
Roye-Williams	1,637	4,698	1,645	4,687	1,654	7,142	1,664	4,708	1,676	4,709
Wm. Pace/Old Post Rd	1,354	3,886	1,628	4,641	2,149	5,894	2,670	7,555	3,123	8,775
Wm. S. James	1,350	3,875	1,350	3,848	1,352	4,451	1,354	3,832	1,355	3,807
Youth's Benefit	4,109	11,792	4,140	11,799	4,181	13,358	4,222	11,948	4,253	11,951
TOTAL	57,707	165,618	60,678	172,933	63,193	182,132	65,708	185,953	67,874	190,725

Source: Harford County Department of Planning and Zoning, May 15, 1993.

* As of April 1

** New school district

HARFORD COUNTY POPULATION / HOUSEHOLDS 1988 - 1992 BY SECONDARY SCHOOL DISTRICT

MIDDLE SCHOOLS

SCHOOL	1988 *		1989 *		1990 (April 1)		1991 *		1992 *	
	Households	Population	Households	Population	Households	Population	Households	Population	Households	Population
Aberdeen	9,493	27,246	9,719	27,698	10,224	29,927	10,729	30,364	11,122	31,252
Bel Air	6,809	19,541	7,381	21,035	7,678	22,030	7,975	22,570	8,269	23,236
Edgewood	6,574	18,867	7,545	21,502	8,336	23,208	9,127	25,830	9,601	26,979
Fallston	5,802	16,651	6,202	17,675	6,443	20,322	6,694	18,917	7,023	19,733
Havre de Grace	5,049	14,492	5,164	14,718	5,247	13,619	5,330	15,083	5,422	15,236
Magnolia	7,362	21,130	7,414	21,128	7,461	21,227	7,509	21,249	7,555	21,230
North Harford	6,901	19,806	7,068	20,145	7,226	22,231	7,384	20,895	7,517	21,122
Southampton	9,716	27,886	10,187	29,032	10,578	29,568	10,969	31,043	11,366	31,937
TOTAL	57,707	165,618	60,678	172,933	63,193	182,132	65,708	185,953	67,874	190,725

HIGH SCHOOLS

SCHOOL	1988 *		1989 *		1990 (April 1)		1991 *		1992 *	
	Households	Population	Households	Population	Households	Population	Households	Population	Households	Population
Aberdeen	9,493	27,246	9,719	27,698	10,224	29,927	10,729	30,364	11,122	31,252
Bel Air	9,249	26,543	9,866	28,118	10,171	28,182	10,401	29,435	10,705	30,081
C. Milton Wright	5,274	15,136	6,245	17,797	7,036	19,914	7,677	21,727	8,055	22,633
Edgewood	7,688	22,065	8,087	23,048	8,336	23,208	9,127	25,830	9,601	26,979
Fallston	7,294	20,935	7,409	21,117	7,492	23,624	7,550	21,368	7,698	22,193
Havre de Grace	5,148	14,775	5,200	14,819	5,247	13,619	5,330	15,083	5,422	15,236
Joppatowne	7,136	20,481	7,303	20,814	7,461	21,227	7,509	21,251	7,555	21,228
North Harford	6,424	18,437	6,850	19,522	7,226	22,231	7,384	20,895	7,517	21,123
TOTAL	57,707	165,618	60,678	172,933	63,193	182,132	65,708	185,953	67,874	190,725

**1992 HARTFORD COUNTY SCHOOLS UTILIZATION CHART
ELEMENTARY SCHOOLS**

ELEMENTARY SCHOOLS	CAPACITY	Actual		Projected			
		92-93	93-94	94-95	95-96	ENROLL	%UTIL
Abingdon	600	483	540	546	607	101%	
Bakerfield	550	518	522	524	518	94%	
Bel Air	550	696	594	641	667	121%	
Country Walk	600	---	---	553	577	96%	
Church Creek	600	---	482	510	530	88%	
Churchville	395	368	382	367	356	90%	
Darlington	225	141	131	124	127	56%	
Deerfield	570	534	514	518	505	89%	
Dublin	300	278	275	277	270	90%	
Edgewood	525	405	424	447	458	87%	
Forest Hill	400	368	377	401	444	111%	
Fountain Green	600	---	480	515	538	90%	
Hall's Cross Rds	655	471	430	456	465	71%	
Havre de Grace	585	465	450	436	420	72%	
Hickory	745	785	722	740	723	97%	
Hillsdale	550	478	392	400	401	73%	
Home/Wakefield	1005	1188	1223	1158	1203	120%	
Jarrettsville	550	527	506	519	511	93%	
Joppalowne	525	501	506	527	543	103%	
Magnolia	550	539	557	565	630	115%	
Meadowvale	525	517	534	555	569	108%	
Norrisville	225	192	195	191	192	85%	
North Band	565	502	522	539	556	98%	
North Harford	525	434	418	415	412	78%	
Prospect Mill	750	946	684	755	828	110%	
Ring Factory	600	732	786	500	519	87%	
Riverside	600	662	553	546	580	97%	
Roye-Williams	800	689	698	699	694	87%	
WFO/OPR	1080	1015	809	858	892	83%	
Wm. S. James	575	587	599	556	562	98%	
Youth's Benefit	1010	921	936	958	1002	99%	
ELEMENTARY TOTAL		15,942	16,241	16,796	17,299		

Source: Hartford County Public Schools and Department and Planning and Zoning, 5/15/93.

1992 HARFORD COUNTY SCHOOLS UTILIZATION CHART
SECONDARY SCHOOLS

MIDDLE SCHOOLS CAPACITY	Actual		Projected			
	92-93	93-94	94-95	95-96	ENROLL	%UTIL
Aberdeen	1530	1122	1158	1212	1291	84%
Bel Air	1312	1082	1073	1228	1355	103%
Edgewood	1391	969	1045	1118	1158	83%
Fallsion	900	715	813	924	887	99%
Havre de Grace	792	520	557	571	566	71%
Magnolia	1071	769	790	849	879	82%
North Harford	1242	962	1012	1062	1066	86%
Southampton	1535	1430	1495	1459	1574	103%
MIDDLE SCHOOL TOTAL	7,569	7,943	8,423	8,776		

HIGH SCHOOLS CAPACITY	Actual		Projected			
	92-93	93-94	94-95	95-96	ENROLL	%UTIL
Aberdeen	1877	1052	1053	1097	1148	61%
Bel Air	1409	1238	1359	1453	1474	105%
C. Milton Wright	1197	1282	1287	1261	1307	109%
Edgewood	1382	963	938	953	1076	78%
Fallsion	1670	954	1091	1193	1326	79%
Havre de Grace	905	519	539	577	605	67%
Joppatowne	1143	839	883	924	926	81%
North Harford	1440	954	1046	1073	1142	79%
HIGH SCHOOL TOTAL	7,801	8,196	8,531	9,004		
SECONDARY TOTAL	15,370	16,139	16,954	17,780		

* Includes construction approval for 300 student addition will open Fall 1994

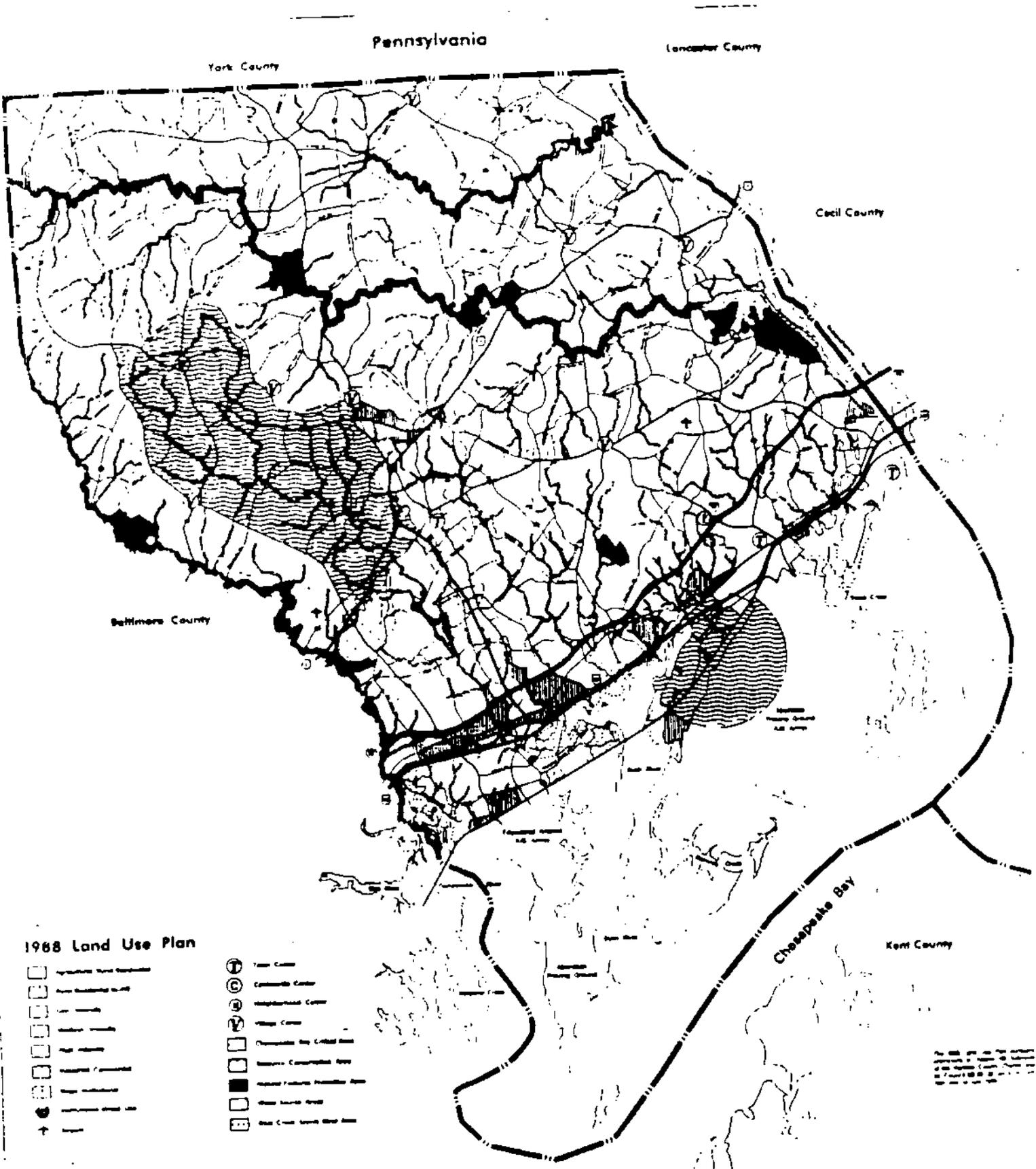
Source: Harford County Public Schools and Department of Planning and Zoning, 5/15/93.

APPENDIX

PUPIL YIELD FACTORS

Nineteen subdivisions were selected from various geographic locations throughout Harford County, to include single family dwellings, townhouse units, apartments/condominium units, and mobile home units. The subdivisions selected represented newly constructed as well as established subdivisions ranging in size from 69 units to 1,025 units. Additionally, subdivisions were selected to provide a broad range of attendance areas across the County. A count was made of each student who resided in each of the nineteen subdivisions studied. The data were tabulated by unit type, and the specific pupil yields were calculated for each subdivision in the elementary, middle, and high schools.

UNIT TYPE	GRADES		
	K-5	6-8	9-12
Single Family	.43	.18	.17
Townhome	.23	.08	.11
Apartments (2 Bdrms)	.15	.03	.03
Condo (2+ bdrm)	.15	.03	.03
Mobile Home	.07	.02	.02



Pennsylvania

York County

Lancaster County

Cecil County

Baltimore County

Chesapeake Bay

Kent County

1968 Land Use Plan

- [Symbol] Residential
- [Symbol] Commercial
- [Symbol] Industrial
- [Symbol] Agricultural
- [Symbol] Forest
- [Symbol] Open Space
- [Symbol] Water
- [Symbol] Other

- [Symbol] Major Road
- [Symbol] Minor Road
- [Symbol] Railroad
- [Symbol] Canal
- [Symbol] Waterway
- [Symbol] Shoreline
- [Symbol] Boundary

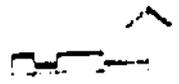
Scale: 1 inch = 1 mile



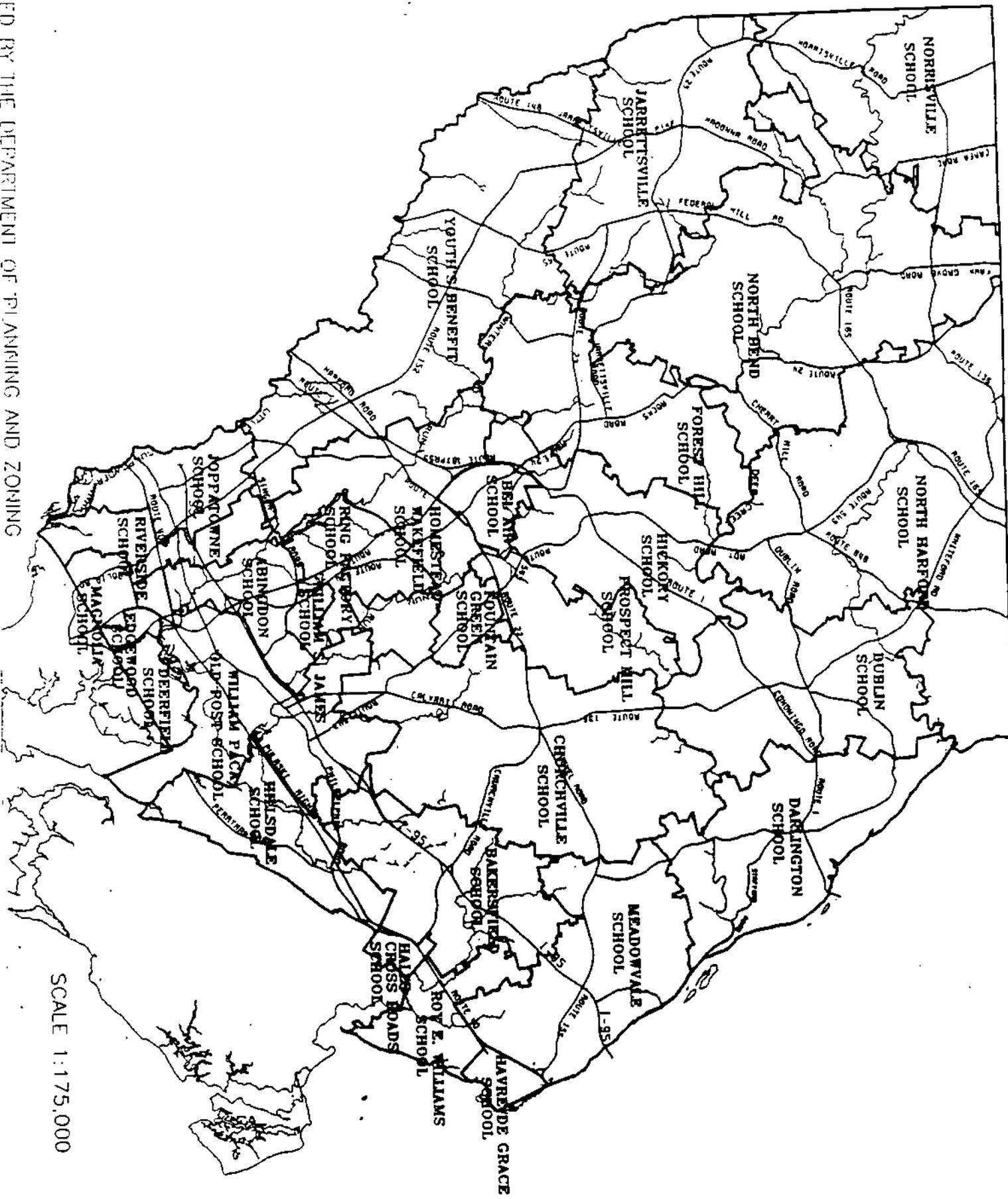
Master Land Use Plan

HARFORD COUNTY, MARYLAND

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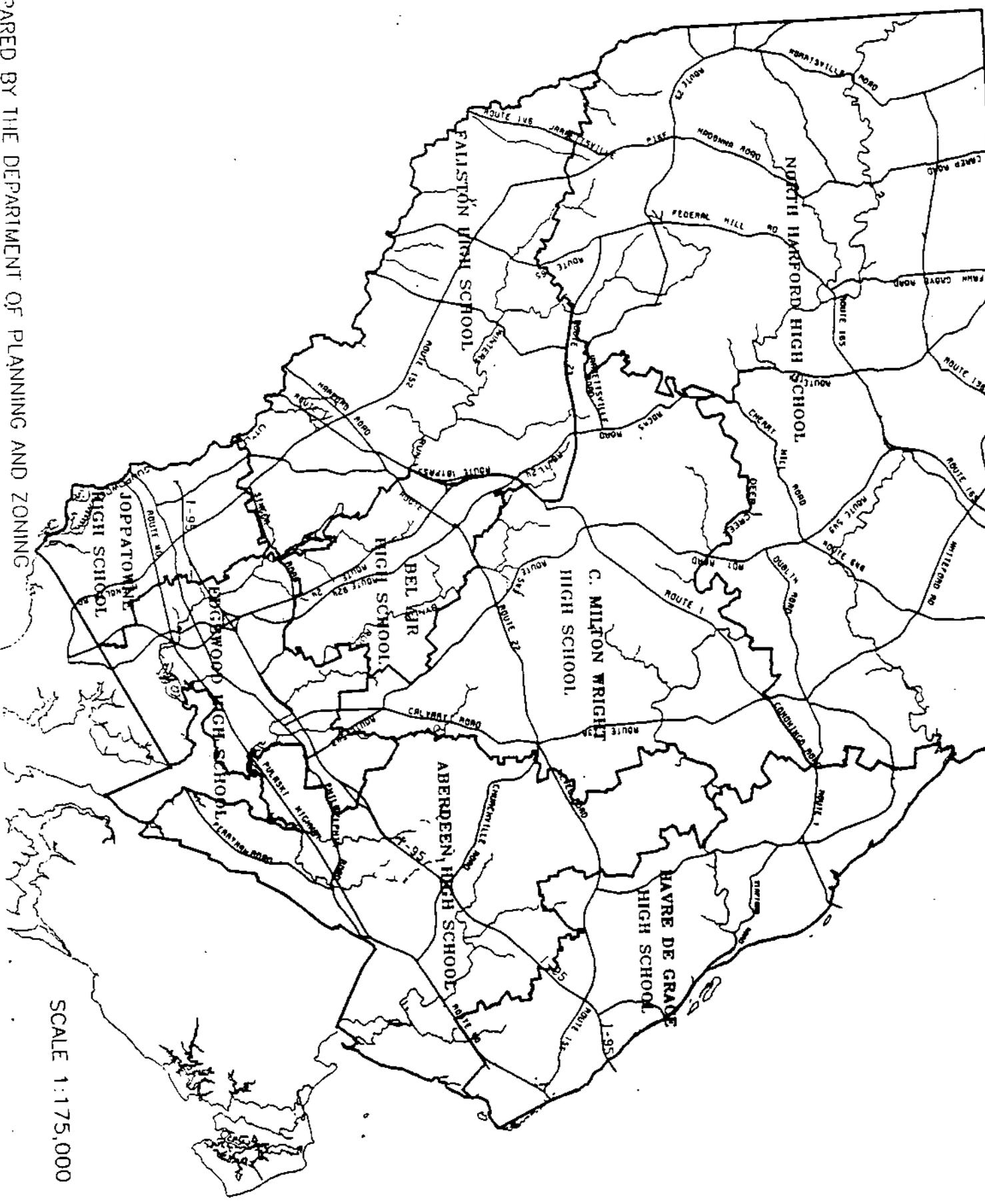
ELEMENTARY SCHOOL DISTRICTS HARTFORD COUNTY, MD. 1955



SCALE 1:175,000

PREPARED BY THE DEPARTMENT OF PLANNING AND ZONING

HIGH SCHOOL DISTRICTS HARFORD COUNTY, MD. 1950



SCALE 1:175,000

PREPARED BY THE DEPARTMENT OF PLANNING AND ZONING