

**DEPARTMENT OF PLANNING AND ZONING
INTEROFFICE MEMORANDUM**

TO: Board of County Commissioners and Planning Commission
VIA: Terry Shannon, County Administrator *TS*
VIA: Greg Bowen, AICP, Director *GB*
FROM: Yolanda Hipski, Planning Commission Administrator *YH*
DATE: April 4, 2011
SUBJECT: Adequate Public Facilities Report for Schools – April 1, 2011

Background:

The Zoning Ordinance states in Article 7-1.05 D.1 that “Schools are adequate when all public elementary and secondary schools which will serve the proposed residential subdivision or residential development will accommodate the pupil yield from that residential subdivision or residential development without exceeding 100 percent of the rated capacity of any of those schools.”

The Calvert County Zoning Ordinance, Section 7-1.05 E states, “If facilities are identified as having inadequate capacity, the Department of Planning and Zoning shall notify the Planning Commission and the County Commissioners.”

Discussion:

In the October 26, 2010 report staff reported that all four high schools are over 100% capacity; thus, the entire county was closed to the recording of subdivisions and residential site development plans. The updated information, outlined in the attached charts, indicates that Patuxent High School is at 99.1%.

Parcels that meet certain criteria listed in the Zoning Ordinance are exempt from APF Requirements for Schools (Section 7-1.05. F). Determination of school adequacy is not required for non-residential subdivisions or age-restricted housing communities. The Zoning Ordinance limits the delay of final approval of a residential subdivision or residential development to seven years.

Of Calvert County’s 23 public schools, six (6) are deemed inadequate since enrollments exceed 100% of the County’s Adequate Public Facilities (APF) rated capacities for those schools. These same six schools were over capacity in the fall. The following two (2) elementary schools, one (1) middle school and three (3) high schools have inadequate capacities:

Beach Elementary	110.0%	Calvert High	100.5%
Mount Harmony Elementary	105.0%	Huntingtown High	102.5%
Northern Middle	103.2%	Northern High	123.4%

The attached chart shows the Spring 2011 enrollments compared with APF rated capacities for each school.

The Calvert County Public School staff provided the enrollments for February 2011.

The information was previously provided by Calvert County Public School for the school year 2010-2011 for the number of elementary school classrooms and the number of middle and high school teaching stations, and the Career and Technology Academy attendance (see attachments). The chart showing the calculation for each school's APF rated capacity is attached. The calculations for determining the elementary, the middle, and high school APF rated capacities are specified in the Calvert County Zoning Ordinance.

Since the November 1, 2010 report, there has been one change. Patuxent High School's capacity is now below 100%. Maps are provided for elementary, middle, and high school levels and the report includes a composite map of all school levels that are over 100% capacity (attached). The maps are for illustrative purposes. The Board of Education's written descriptions of school district boundaries determine which school districts serve a residential subdivision or residential development. If there is a question regarding which school district serves a parcel, the Board of Education makes the final determination.

Elementary Schools

Of the 13 elementary schools, two are over 100% APF capacity: Beach and Mount Harmony. Two elementary schools are over 90% but less than 100% capacity. One elementary school is at 90.0% capacity.

Middle Schools

One of the six middle schools, Northern Middle, is over capacity. None of the middle schools are over 90% but less than 100% capacity.

High Schools

Three (3) high schools are over 100% capacity. Calvert High is at 100.5%, Huntingtown High is at 102.5%, Northern High is at 123.4 %. Patuxent High, at 99.1%, is the only high school below 100.0%.

Conclusion:

FYI. The next report will be the November 1, 2011 report.

Fiscal Impact:

N/A

Attachments:

Enrollments Compared with APF Rated Capacities, Chart, Spring 2011
School Enrollments (dated February 2011)
Calvert County Public Schools, Number of Classrooms/Teaching Stations, Spring 2011
Elementary School Enrollments, Pre-Kindergarten through Grade 5, March 2011
School Districts with Adequate/Inadequate Capacities, Historical Chart, March 30, 2011
Rated Adequate Public Facilities Capacities for Schools, Chart, Spring 2011
School Districts over 100% Capacity, Maps (3)
 Elementary and Composite Maps, April 1, 2011
 Middle and High School Maps, April 1, 2011

C: Board of Education
 Engineering/Survey Firms

County Attorney
 Planning Commission Attorney

CALVERT COUNTY, MARYLAND
 ADEQUATE PUBLIC FACILITIES FOR SCHOOLS
 ENROLLMENTS COMPARED WITH APF RATED CAPACITIES
 Spring 2011

SCHOOL	100% APF RATED CAPACITY Spring 2010 Note 1	2010-11 SCHOOL YEAR Spring 2010 Enrollments Note 2	PERCENT OF RATED CAPACITY Spring 2010	100% APF RATED CAPACITY Fall 2010 Note 1	2010-11 SCHOOL YEAR Fall 2010 Enrollments Note 2	PERCENT OF RATED CAPACITY Spring 2011	100% APF RATED CAPACITY Spring 2011 Note 1	2010-11 SCHOOL YEAR Spring 2011 Enrollments Note 2	PERCENT OF RATED CAPACITY Spring 2011
Elementary Schools									
APPEAL	500	446	89.2%	500	429	85.8%	500	430	86.0%
BARSTOW	723	496	68.6%	723	532	73.6%	723	526	72.8%
BEACH	529	541	102.3%	529	577	109.1%	529	582	110.0%
CALVERT	606	492	81.2%	606	515	85.0%	606	517	85.3%
DOWELL	713	651	91.3%	713	644	90.3%	713	654	91.7%
HUNTINGTOWN	575	531	92.3%	575	512	89.0%	575	516	89.7%
MT. HARMONY	555	594	107.0%	555	571	102.9%	555	583	105.0%
MUTUAL	562	495	88.1%	562	496	88.3%	562	506	90.0%
PATUXENT	613	448	73.1%	613	432	70.5%	613	438	71.5%
PLUM POINT	648	523	80.7%	648	493	76.1%	648	505	77.9%
ST. LEONARD	713	573	80.4%	713	565	79.2%	713	574	80.5%
SUNDERLAND	795	670	84.3%	795	638	80.3%	795	642	80.8%
WINDY HILL	720	674	93.6%	720	666	92.5%	720	659	91.5%
Total Elementary	8,252	7,134	86.5%	8,252	7,070	85.7%	8,252	7,132	86.4%
Middle Schools									
CALVERT MIDDLE	573	527	92.0%	573	527	92.0%	573	530	92.5%
MILL CREEK MIDDLE	848	577	68.0%	848	561	66.2%	848	562	66.3%
NORTHERN MIDDLE	678	697	102.8%	678	704	103.8%	678	700	103.2%
PLUM POINT MIDDLE	869	753	86.7%	869	704	81.0%	869	703	80.9%
SOUTHERN MIDDLE	838	615	73.4%	838	601	71.7%	838	594	70.9%
WINDY HILL MIDDLE	817	731	89.5%	817	732	89.6%	817	733	89.7%
Total Middle	4,623	3,900	84.4%	4,623	3,829	83.0%	4,623	3,822	82.7%
High Schools									
CALVERT HIGH	1,146	1,201	104.8%	1,146	1,200	104.7%	1,146	1,199	104.6%
HUNTINGTOWN HIGH	1,618	1,652	102.1%	1,618	1,676	103.5%	1,618	1,663	102.8%
NORTHERN HIGH	1,307	1,600	122.4%	1,307	1,571	120.1%	1,307	1,562	119.5%
PATUXENT HIGH	1,181	1,234	104.5%	1,181	1,183	100.2%	1,181	1,162	98.4%
Total High	5,252	5,687	108.3%	5,252	5,630	107.2%	5,252	5,586	106.3%
County Total	18,127	16,721	92.2%	18,381	16,529	89.9%	18,384	16,540	90.0%

Notes:

1. High school capacities include the lower number of students attending the morning or afternoon session of the Career and Technology Academy at the beginning of the grading period.
2. FTEs for Pre-K and Special Pre-K are included in elementary school enrollments. Kindergarten students attend full day (policy began in 2006-07 school year).

Based upon information provided by the Board of Education: February 2011 enrollments (received March 30, 2011) and Career Center attendance (received 03/28/2011).

PREPARED BY THE CALVERT COUNTY PLANNING COMMISSION - March 30, 2011

CALVERT COUNTY PUBLIC SCHOOLS
Monthly Enrollment Count

	PRE-K**	SP PRE-K**	K	1	2	3	4	5	TOTAL	6	7	8	9	10	11	12	TOTAL	
Appeal Elementary					1	147	154	128	430									
Barstow Elementary	29	3	82	65	93	92	81	97	510									
Beach Elementary	35		88	108	86	113	81	88	564									
Calvert Elementary	33	12	84	68	86	79	101	76	494									
Dowell Elementary	36		104	96	105	116	102	113	636									
Huntingtown Elementary			74	87	84	92	90	89	516									
Mt. Harmony Elementary			76	108	102	85	88	124	583									
Mutual Elementary	20	14	75	73	80	92	87	82	489									
Patuxent Elementary	87	35	133	112	132				377									
Plum Point Elementary			62	70	87	94	89	103	505									
St. Leonard Elementary	19		92	76	106	90	93	107	564									
Sunderland Elementary	11	16	92	107	101	86	129	113	628									
Windy Hill Elementary	38	17	90	119	100	112	107	103	631									
TOTAL ELEMENTARY	308	97	1052	1089	1163	1198	1202	1223	6927									
Calvert Middle										165	183	182					530	
Mill Creek Middle										191	189	182					562	
Northern Middle										243	224	233					700	
Plum Point Middle										216	247	240					703	
Southern Middle										187	196	211					594	
Windy Hill Middle										234	240	259					733	
TOTAL MIDDLE										1236	1279	1307					3822	
Calvert High													311	290	294	304	1199	
Huntingtown High													415	425	419	404	1663	
Northern High													368	427	370	397	1562	
Patuxent High													314	295	249	304	1162	
TOTAL HIGH													1408	1437	1332	1409	5586	
CCPS Alternative School												3	3	5	3	7	2	23
Calvert Country School																		
TOTAL SPECIAL SCHOOL		6	1	1	3	5	2	5		3	5	5	4	3	2	16	55	
GRAND TOTALS									16,413									
** SP Pre-K and Pre-K 411 Not included in count										Home teaching students are included in grade level counts								

Calvert County Public Schools
 Number of Elementary Classrooms/Middle & High Teaching Stations
 School year 2010-2011

<u>Elementary Schools</u>	<u>Pre-K</u>	<u>Kindergarten</u>	<u>Grades 1-5</u>	<u>Special Education</u>	<u>Total</u>
Appeal	0	0	20	4	24
Barstow	1	4	25	4	34
Beach	1	4	17	3	25
Calvert	1	3	20	6	30
Dowell	1	4	25	3	33
Huntingtown	0	4	19	5	28
Mt. Harmony	0	4	19	3	26
Mutual	1	4	18	4	27
Patuxent	3	6	17	3	29
Plum Point	0	3	24	3	30
St. Leonard	2	4	25	1	32
Sunderland	1	4	29	2	36
Windy Hill	2	4	24	4	34

<u>Middle Schools</u>	<u>SPED</u>	<u>6-8</u>	<u>Total</u>	<u>High Schools</u>	<u>SPED</u>	<u>9-12</u>	<u>Total</u>
Calvert	4	37	41	Calvert	2	52	54
Mill Creek	4	38	42	Huntingtown	2	73	75
Northern	4	30	34	Northern	4	56	60
Plum Point	4	39	43	Patuxent	4	52	56
Southern	3	38	41				
Windy Hill	3	37	40				

Career and Technology Academy Enrollment

<u>Spring 2011</u>	<u>A.M.</u>	<u>P.M.</u>	<u>Total</u>
Calvert High	87	68	155
Huntingtown High	51	64	115
Northern High	36	61	97
Patuxent High	28	38	66
Total	202	231	433

Data provided by the Board of Education, March 2011 and October 2010.

Elementary School Enrollments, Pre-Kindergarten through Grade 5
 March, 2011

	Pre-K	Special Pre-K	Total Pre-K	FTE Pre-K	Round up Pre-K	Enrollment K to 5	Enrollment Pre-K to 5
Appeal	0	0	0	0	0	430	430
Barstow	29	3	32	16	16	510	526
Beach	35	0	35	17.5	18	564	582
Calvert	33	12	45	22.5	23	494	517
Dowell	36	0	36	18	18	636	654
Huntingtown	0	0	0	0	0	516	516
Mt Harmony	0	0	0	0	0	583	583
Mutual	20	14	34	17	17	489	506
Patuxent	87	35	122	61	61	377	438
Plum Point	0	0	0	0	0	505	505
St. Leonard	19	0	19	9.5	10	564	574
Sunderland	11	16	27	13.5	14	628	642
Windy Hill	38	17	55	27.5	28	631	659
TOTAL	308	97	405	202.5	205	6,927	7,132

FTE = Full Time Equivalent



Enrollments provided by the Board of Education, March 2011.

Prepared by the Planning Commission, March 2011.

CALVERT COUNTY ADEQUATE PUBLIC FACILITIES REGULATIONS SCHOOL DISTRICTS WITH ADEQUATE/INADEQUATE CAPACITIES

	Spring 1992	Fall 1992	Spring 1993	Fall 1993	Spring 1994	Fall 1994	Spring 1995	Fall 1995	Spring 1996	Fall 1996	Spring 1997 * Note #1	Fall 1997*	Spring 1998*	Fall 1998	Spring 1999	Fall 1999	Spring 2000 ** Note #2	Fall 2000	April 1, 2001	May 11, 2001 *** Note #3
APPEAL ELEMENTARY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARSTOW ELEMENTARY (Fall 2009)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEACH ELEMENTARY																				
CALVERT ELEMENTARY																				
DOWELL ELEMENTARY (Fall 1999)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNTINGTOWN ELEMENTARY																				
MT. HARMONY ELEMENTARY																				
MUTUAL ELEMENTARY																				
PATUXENT ELEMENTARY (Fall 1992)	0																			
PLUM POINT ELEMENTARY																				
ST. LEONARD ELEMENTARY (Fall 1996)	0	0	0	0	0	0	0	0	0											
SUNDERLAND ELEMENTARY																				
WINDY HILL ELEMENTARY (Fall 1996)	0	0	0	0	0	0	0	0	0											
CALVERT MIDDLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILL CREEK MIDDLE (Late Fall 2000)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN MIDDLE																				
PLUM POINT MIDDLE																				
SOUTHERN MIDDLE (expanded Fall 1996)																				
WINDY HILL MIDDLE (Fall 1998)	0	0	0	0	0	0	0	0	0	0	0	0	0							
CALVERT HIGH																				
HUNTINGTOWN HIGH (Fall 2004)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN HIGH																				
PATUXENT HIGH (Spring 1996)	0	0	0	0	0	0	0	0	0											

	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003 Note #4	Spring 2004	Fall 2004	Spring 2005 Note #5	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008 Note #6	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011
APPEAL ELEMENTARY																				
BARSTOW ELEMENTARY (Fall 2009)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
BEACH ELEMENTARY																				
CALVERT ELEMENTARY																				
DOWELL ELEMENTARY (Fall 1999)																				
HUNTINGTOWN ELEMENTARY																				
MT. HARMONY ELEMENTARY																				
MUTUAL ELEMENTARY																				
PATUXENT ELEMENTARY (Fall 1992)																				
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ST. LEONARD ELEMENTARY (Fall 1996)																				
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WINDY HILL ELEMENTARY (Fall 1996)																				
CALVERT MIDDLE																				
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NORTHERN MIDDLE																				
PLUM POINT MIDDLE																				
SOUTHERN MIDDLE (expanded Fall 1996)																				
WINDY HILL MIDDLE (Fall 1998)																				
CALVERT HIGH																				
HUNTINGTOWN HIGH (Fall 2004)	0	0	0	0	0	0	0	0												
NORTHERN HIGH																				
PATUXENT HIGH (Spring 1996)																				

Key:  School with inadequate capacity. School district closed to recording of subdivisions/residential site development plans.
 School with inadequate capacity. School district deemed adequate for recording of subdivisions/residential site development plans.
0 School not yet constructed/open.

- Notes:
#1 On March 4, 1997, high school service areas were determined to be based upon the Board of Education's high school enrollments adjusted per the district plan.
#2 Middle school redistricting plan for Mill Creek Middle adopted by the Board of Education on 3/15/2000.
#3 On May 11, 2001, the Adequate Public Facilities regulations were amended by the Board of County Commissioners. Amendments included changing the school capacity formulas, reducing inadequacy from 110% to 100%, and considering elementary schools individually rather than in aggregate.
#4 The high school redistricting plan for Huntingtown High was adopted by the Board of Education in March 2003.
#5 The elementary school boundaries from Prince Frederick, north become effective August 2005; new boundaries are included in the Spring 2005 APF Report.
#6 The elementary school boundary adjustments related to the construction of Barstow Elementary School become effective August 2008. New boundaries are included in the Fall 2008 Iterim APF Report.

Calvert County Adequate Public Facilities for Schools
 Rated Adequate Public Facilities Capacities for Schools
 SPRING 2011

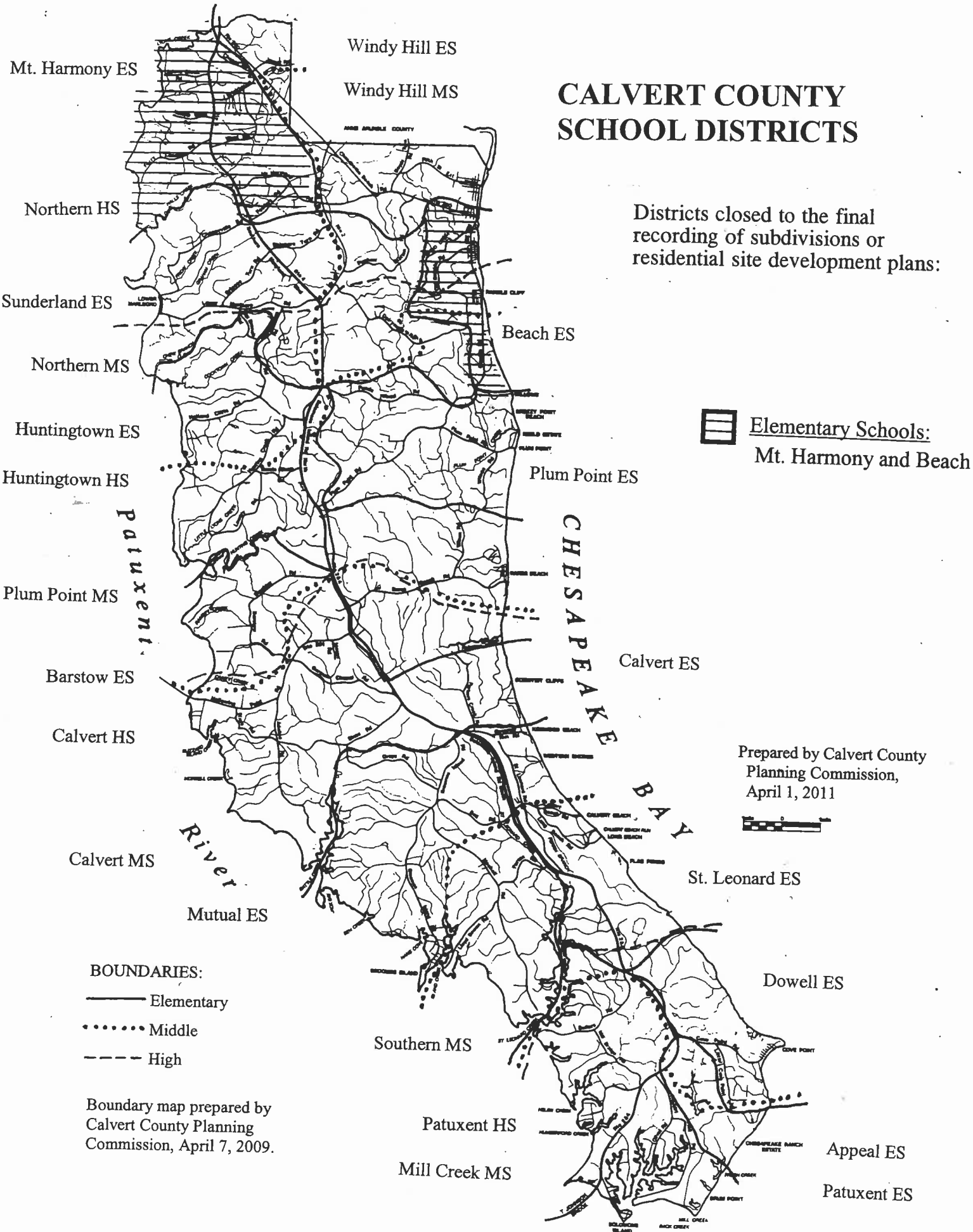
SCHOOL	Number of Pre - Kindergarten Rooms	Number of Pre - K. per Room	Capacity for Pre - K.	Number of Kindergarten Rooms	Number of Kindergarteners per Room	Capacity for Kindergarten	Number of Grade 1-5 Rooms	Number of 1-5 Graders per Room	Capacity for Grades 1-5	Number of Special Education Rooms / Teaching Stations	Number of Special Ed. Students per Room / Teaching Stations	Capacity for Special Ed. Rooms / Teaching Stations	Total No. of Teaching Stations (non SPED) Mid. & High	No. of Students per Teaching Station (non SPED) Mid. & High	Capacity for non SPED Teaching Stations Mid. & High	Capacity for non SPED Teaching Stations Mid. & High Rounded up	Capacity for High Schools SPED & non SPED	Additional Capacity for Career Tech Academy Attendance* Spring 2011	Total No. of Classrooms/ Teaching Stations	APF RATED CAPACITY Adopted County Formula Spring 2011
ELEMENTARY SCHOOLS																				
APPEAL	0	20	0	0	22	0	20	23	460	4	10	40							24	500
BARSTOW	1	20	20	4	22	88	25	23	575	4	10	40							34	723
BEACH	1	20	20	4	22	88	17	23	391	3	10	30							25	529
CALVERT	1	20	20	3	22	66	20	23	460	6	10	60							30	606
DOWELL	1	20	20	4	22	88	25	23	575	3	10	30							33	713
HUNTINGTOWN	0	20	0	4	22	88	19	23	437	5	10	50							28	575
MT. HARMONY	0	20	0	4	22	88	19	23	437	3	10	30							26	555
MUTUAL	1	20	20	4	22	88	18	23	414	4	10	40							27	562
PATUXENT	3	20	60	6	22	132	17	23	391	3	10	30							29	613
PLUM POINT	0	20	0	3	22	66	24	23	552	3	10	30							30	648
ST. LEONARD	2	20	40	4	22	88	25	23	575	1	10	10							32	713
SUNDERLAND	1	20	20	4	22	88	29	23	667	2	10	20							36	795
WINDY HILL	2	20	40	4	22	88	24	23	552	4	10	40							34	720
Total Elementary	13		260	48		1,056	282		6,486	45		450	0						388	8,252
CALVERT MIDDLE										4	10	40	37	25 * 85%	786.25	787			41	827
MILL CREEK MIDDLE										4	10	40	38	25 * 85%	807.5	808			42	848
NORTHERN MIDDLE										4	10	40	30	25 * 85%	637.5	638			34	678
PLUM POINT MIDDLE										4	10	40	39	25 * 85%	828.75	829			43	869
SOUTHERN MIDDLE										3	10	30	38	25 * 85%	807.5	808			41	838
WINDY HILL MIDDLE										3	10	30	37	25 * 85%	786.25	787			40	817
Total Middle													219							4,877
CALVERT HIGH										2	10	20	52	25 * 85%	1105	1,105	1,125	68	54	1,193
HUNTINGTOWN HIGH										2	10	20	73	25 * 85%	1551.25	1,552	1,572	51	75	1,623
NORTHERN HIGH										4	10	40	56	25 * 85%	1190	1,190	1,230	36	60	1,266
PATUXENT HIGH										4	10	40	52	25 * 85%	1105	1,105	1,145	28	56	1,173
Total High													233				5,072	183		5,255
County Total																				18,384

* The lower number of students attending the morning or afternoon session of the Career Center at the beginning of the grading period (Spring 2011).
 Number of classrooms/teaching stations and Career and Technology Academy attendance provided by the Board of Education, October 2010 and March, 2011.

CALVERT COUNTY SCHOOL DISTRICTS

Districts closed to the final recording of subdivisions or residential site development plans:

 **Elementary Schools:**
Mt. Harmony and Beach



BOUNDARIES:
 ——— Elementary
 Middle
 - - - - High

Boundary map prepared by Calvert County Planning Commission, April 7, 2009.

Prepared by Calvert County Planning Commission, April 1, 2011



Appeal ES
Patuxent ES

CALVERT COUNTY SCHOOL DISTRICTS

Districts closed to the final recording of subdivisions or residential site development plans:

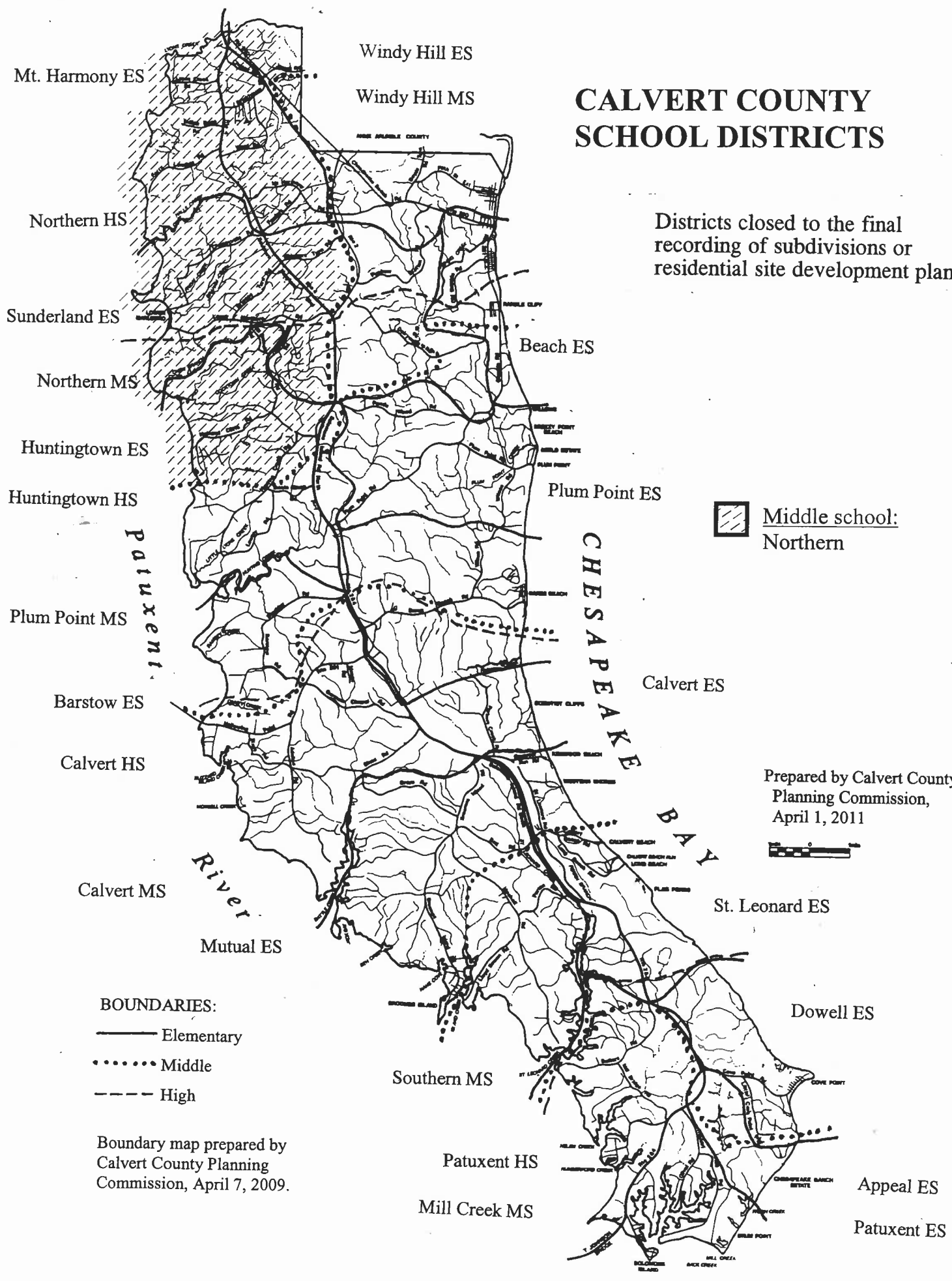
 Middle school:
Northern

Prepared by Calvert County Planning Commission,
April 1, 2011



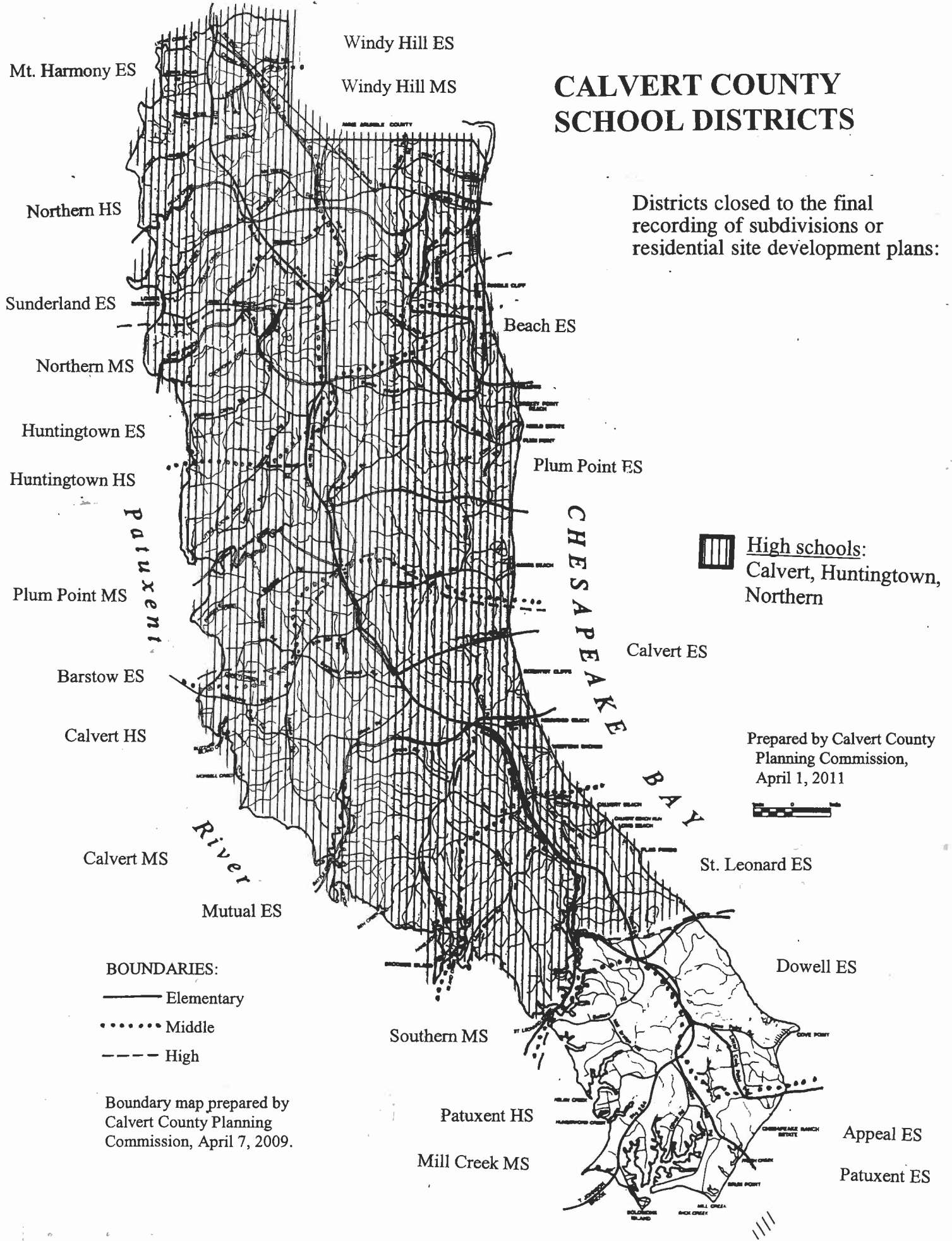
BOUNDARIES:
 ——— Elementary
 Middle
 - - - - High

Boundary map prepared by Calvert County Planning Commission, April 7, 2009.



CALVERT COUNTY SCHOOL DISTRICTS

Districts closed to the final recording of subdivisions or residential site development plans:



Mt. Harmony ES

Windy Hill ES

Windy Hill MS

Northern HS

Sunderland ES

Beach ES

Northern MS

Huntingtown ES


Plum Point ES

Huntingtown HS

Patuxent River

CHESAPEAKE BAY

Plum Point MS

 High schools:
Calvert, Huntingtown,
Northern

Calvert ES

Barstow ES

Prepared by Calvert County
Planning Commission,
April 1, 2011



Calvert HS

St. Leonard ES

Calvert MS

Mutual ES

Dowell ES

BOUNDARIES:

— Elementary

..... Middle

--- High

Southern MS

Patuxent HS

Mill Creek MS

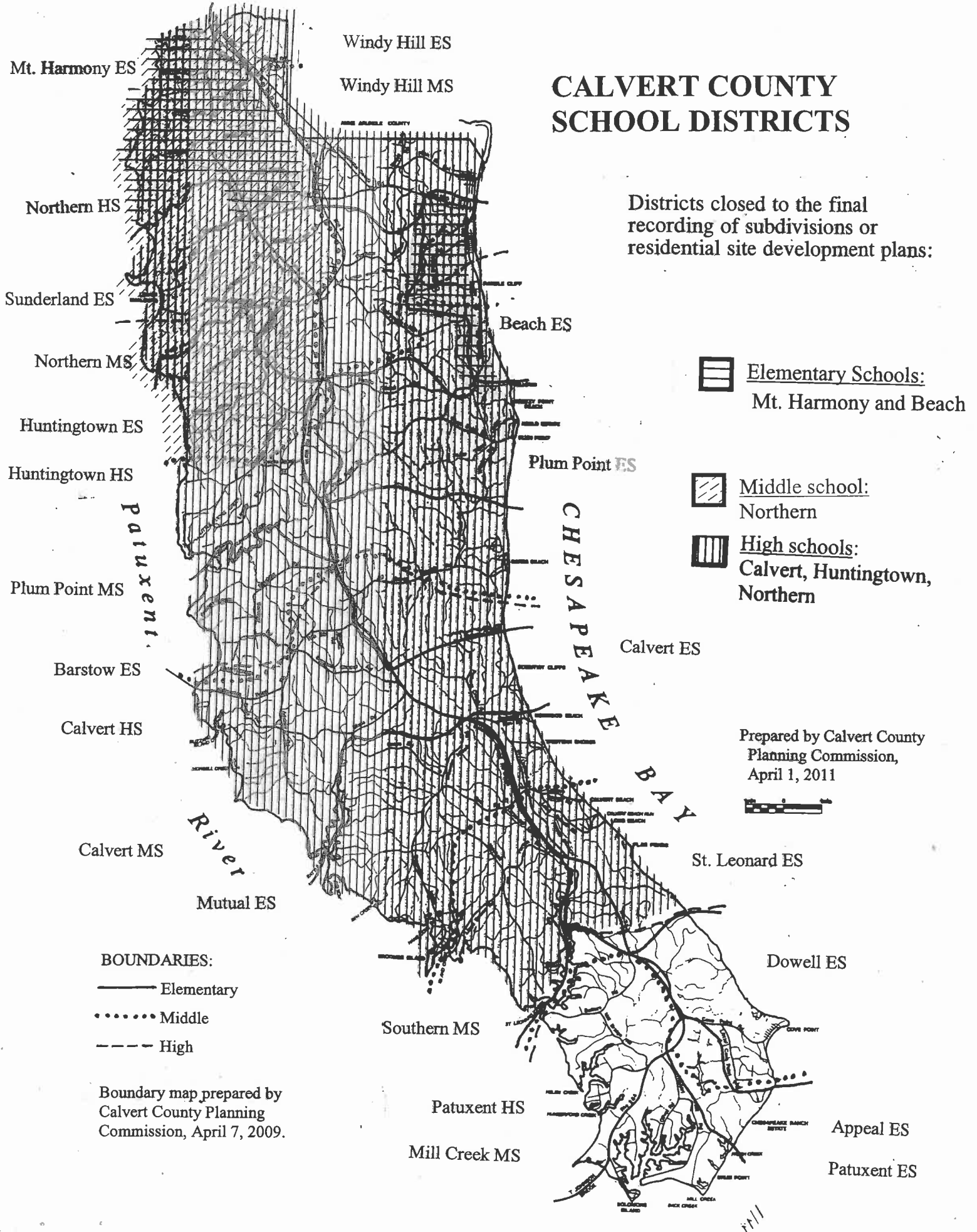
Appeal ES




Patuxent ES

Boundary map prepared by
Calvert County Planning
Commission, April 7, 2009.

CALVERT COUNTY SCHOOL DISTRICTS




Districts closed to the final recording of subdivisions or residential site development plans:



-  **Elementary Schools:**
Mt. Harmony and Beach
-  **Middle school:**
Northern
-  **High schools:**
Calvert, Huntingtown, Northern

Prepared by Calvert County Planning Commission, April 1, 2011



- BOUNDARIES:**
-  Elementary
 -  Middle
 -  High

Boundary map prepared by Calvert County Planning Commission, April 7, 2009.