

2017 Middle School Redistricting Project

HENRICO COUNTY PUBLIC SCHOOLS

JUNE 22, 2017



Study Goals

While following the common objectives and procedural guidelines used for all redistricting studies, three study goals have been identified:

1. Provide membership relief for Hungary Creek Middle School, which is currently over 100% of capacity.
2. Provide programming space for the Gifted Young Scholar Academy at Wilder Middle School.
3. Explore opportunities to reduce the concentration of poverty in the middle schools involved in the redistricting process while maintaining a community school concept.



Primary Data Sources

- Membership Capacity Ratio Forecasts
- Estimated Poverty Rates by Option
- Feeder Pattern Splits
- Number of Impacted Students
- Community Input



Membership Capacity Ratio Forecasts

School	Buildout Baseline	Option A Adjusted	Option C	Option D Adjusted	Option E
BROOKLAND	85%	90%	93%	89%	89%
FAIRFIELD	75%	75%	80%	80%	80%
HOLMAN	84%	89%	80%	85%	75%
HUNGARY CREEK	108%	84%	83%	84%	87%
L. DOUGLAS WILDER	113%	97%	92%	92%	92%
MOODY	85%	92%	97%	92%	92%
SHORT PUMP MS	63%	77%	77%	80%	87%

Percentages reflect membership capacity ratio forecasts at buildout with known new developments.

Estimated Poverty Rates

	Baseline	Option A Adjusted	Option C	Option D Adjusted	Option E
BROOKLAND	65.4%	64.9%	65.4%	66.0%	66.0%
FAIRFIELD	58.6%	58.6%	59.2%	59.2%	59.2%
HOLMAN	9.0%	18.4%	17.5%	18.4%	20.8%
HUNGARY CREEK	25.5%	25.3%	25.4%	25.1%	24.8%
L. DOUGLAS WILDER	78.8%	71.2%	68.9%	68.9%	68.9%
MOODY	23.6%	27.2%	29.3%	27.4%	27.4%
SHORT PUMP MS	5.7%	6.8%	6.8%	6.1%	6.9%

Note. The gifted program phase-in at L. Douglas Wilder Middle School is not included in the estimates.

Percentages in green denote schools that are brought closer to the district overall percentage (41%).



Feeder Pattern Splits Elementary to Middle

ES Zone	Split Count				
	Baseline	Option A Adjusted	Option C	Option D Adjusted	Option E
CHAMBERLAYNE	1	1	2	1	1
ECHO LAKE	1	1	1	1	1
GLEN ALLEN	0	1	0	1	0
GREENWOOD	0	0	1	0	0
HARVIE	1	1	1	1	1
LABURNUM	0	1	1	1	1
LONGAN	0	1	1	1	1
RIVERS EDGE	0	0	0	1	0
SHADY GROVE	1	0	0	0	0
SPRINGFIELD PARK	1	0	0	0	0
TWIN HICKORY	0	1	1	0	0
Total	5	7	8	7	5

Note: 0 splits mean all students attend the same middle school. 1 split means students are attending two different middle schools, and 2 splits mean the students are attending three different middle schools.



Feeder Pattern Splits Middle to High

MS Zone	Split Count				
	Baseline	Option A Adjusted	Option C	Option D Adjusted	Option E
BROOKLAND	1	1	1	1	1
FAIRFIELD	0	0	1	1	1
HOLMAN	1	2	2	2	2
HUNGARY CREEK	1	1	1	1	1
MOODY	0	1	1	1	1
QUIOCCASIN	2	2	2	2	2
SHORT PUMP M.	0	0	0	1	0
Total	5	7	8	9	8

Note: 0 splits mean all students attend the same high school. 1 split means students are attending two different high schools, and 2 splits mean the students are attending three different high schools.

Number of Impacted Students

Option	Total 6th-8th Live-In Impacted
A Adjusted	618
C	558
D Adjusted	636
E	776

Community Input

- 2 Community Input Sessions
- 2 Public Hearings
- Over 1,300 responses received to the online surveys
- Numerous emails, phone calls, and petitions



Community Survey on Options A Adjusted, C, D Adjusted, and E (May 19 – June 16, 2017)

➤ Responses from 370 respondents provided feedback on the options:

- 45% reside in the Holman MS zone
- 36% reside in the Hungary Creek MS zone
- 11% reside in the Short Pump MS zone

Total Respondents by Live in Middle School Zone		
Live in Middle School Zone	Total Respondents	Percent of Respondents
Brookland MS	5	1%
Fairfield MS	1	0%
Holman MS	168	45%
Hungary Creek MS	133	36%
Moody MS	4	1%
Pocahontas MS	4	1%
Quioccasin MS	1	0%
Short Pump MS	42	11%
Tuckahoe MS	10	3%
Wilder MS	2	1%
Total	370	

Community Survey on Options A Adjusted, C, D Adjusted, and E (May 19 – June 16, 2017)

➤ *“What is your overall attitude toward an Option?”*

- 29% strongly support/support Option A Adjusted
- 36% strongly support/support Option C
- 30% strongly support/support Option D Adjusted
- 56% strongly support/support Option E

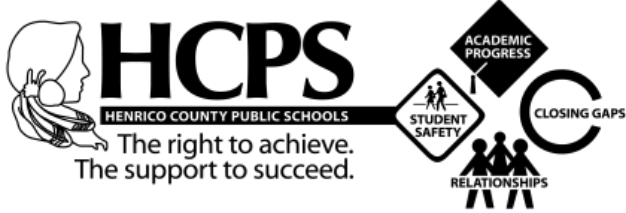
Option Attitude	Option A Adjusted		Option C		Option D Adjusted		Option E	
Strongly support	34	9%	93	25%	64	17%	184	50%
Support	73	20%	41	11%	49	13%	21	6%
Neutral	53	14%	31	8%	44	12%	18	5%
Oppose	75	20%	44	12%	44	12%	20	5%
Strongly oppose	124	34%	152	41%	155	42%	73	20%
Other	0	0%	0	0%	3	1%	2	1%
No Response	11	3%	9	2%	11	3%	52	14%
Total	370		370		370		370	

Community Survey on Options A Adjusted, C, D Adjusted, and E (May 19 – June 16, 2017)

➤ Frequently shared concerns with the options were:

- Feeder patterns
- Separation of community components
- Enrollment data

Options Primary Concern Summary								
Prominent Theme	Option A Adjusted		Option C		Option D Adjusted		Option E	
Enrollment data	21	11%	20	11%	22	12%	18	20%
Feeder patterns (i.e., elementary to middle, middle to high)	79	43%	72	40%	67	35%	28	32%
Other	15	8%	15	8%	27	14%	22	25%
School transportation and/or walk zones	6	3%	2	1%	28	15%	5	6%
School zone boundaries (i.e., use of natural boundaries, such as roadways)	11	6%	9	5%	11	6%	6	7%
Separation of community components (i.e., apartment units, residential subdivisions, etc.)	48	26%	58	32%	32	17%	8	9%
Phase-in plan for changes	3	2%	4	2%	3	2%	1	1%
Total	183		180		190		88	



Recommendation for 2018-19 Redistricting Plan

- Staff and the consultant recommend that Option E 2018-19 Redistricting Plan be considered for School Board approval.
- The plan accomplishes the redistricting project goals of:
 - ✓ Providing membership relief for Hungary Creek MS (87% at build out),
 - ✓ Providing program space for the Gifted Young Scholar Academy at Wilder Middle School (92% at build out), and
 - ✓ Reducing the concentration of poverty in the study area schools (4 of 7 schools get closer to district overall percentage).
- Additionally, the plan adds:
 - ✓ The fewest number of elementary to middle school splits (2 splits added; 2 eliminated), and
 - ✓ A comparable number of middle to high school splits as other options (3 splits added).



Variations

- Variations for 2018-19
 - 6th graders will attend the newly zoned school (bus transportation provided per policy)
 - 7th and 8th grade siblings will have a choice to receive a variance to attend the newly zoned school with the 6th grade sibling (bus transportation provided per policy)
 - Letters to affected families will be sent in September and sibling variance decisions will be requested by December 1, 2017
 - 7th and 8th grade students will continue to attend the currently zoned school, unless the variance option above is chosen (bus transportation provided per policy)

- Variations for 2017-18
 - 6th graders may apply for a variance to attend the newly zoned school and requests will be considered if capacity within current staffing permits (bus transportation per policy would NOT be provided until 2018-19)