

Table of Contents

Handouts

Options Statistics	1-25
Enrollment Trends	26-31
Live-Attend Matrix	32-34
Options C and D Adherence to Goals and Procedural Guidelines	35-36
Options C and D Scores	37
Options C and D Small Feeder Splits	38-46

Tables

Elementary School Option Enrollment Statistics	2
Elementary School Option Utilization Statistics	3
Elementary School Enrollment by Grade	4
Elementary School Option C: Estimated Enrollment by Grade	5
Elementary School to Middle School Feeder Patterns	6
Elementary School Option Impacts	8
Elementary School Economic Disadvantage	9
Elementary School Option Transportation Distance	10
Middle School Option Enrollment Statistics	11
Middle School Option Utilization Statistics	11
Middle School Enrollment by Grade	12
Middle School Option C: Estimated Enrollment by Grade	12
Middle School to High School Feeder Patterns	13
Middle School Option Impacts	16
Middle School Economic Disadvantage	17
Middle School Option Transportation Distance	18
High School Option Enrollment Statistics	19
High School Option Utilization Statistics	19
High School Option Enrollment by Grade	20
High School Option C: Estimated Enrollment by Grade	20
High School Option D: Estimated Enrollment by Grade	21
High School Option Impacts	22
High School Economic Disadvantage	23
High School Option Transportation Distance	24
Elementary School Option Trends	28
Elementary School Expected Students from Developments	29
Middle School Option Enrollment Trends	30
Middle School Expected Students from Developments	30
High School Option Enrollment Trends	31
High School Option Expected Students from Developments	31
K-5 Live-Attend Matrix	33
6-8 Live-Attend Matrix	34

9-12 Live-Attend Matrix

34

Map Series

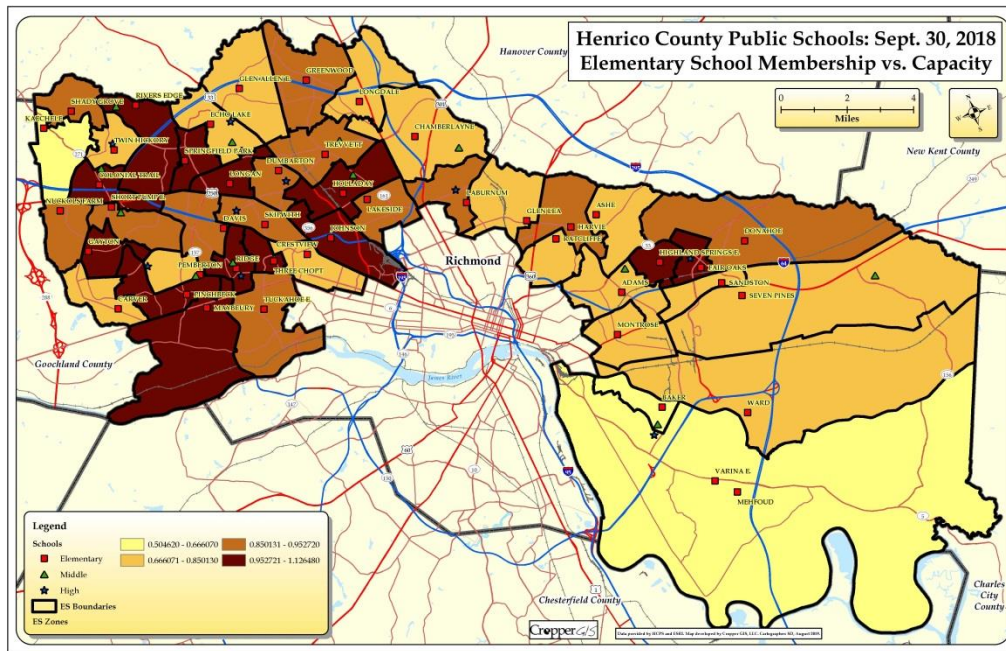
Options C and D

47-50

Henrico County Public Schools, VA Redistricting Project for 2021:

Options Statistics

Revised: 01/06/2020



Project Goals

1. Efficiently using all available space and planning for future county growth.
2. Determining attendance boundaries for the expanded Holladay Elementary School (7300 Galaxie Road), which will double in size when an addition opens for the 2021-22 school year.
3. Accounting for the increased building capacity available when replacements for Highland Springs (15 S. Oak Ave.) and J. R. Tucker (2910 Parham Rd.) high schools open on their current sites for the 2021-22 school year.
4. Reducing concentrations of poverty while balancing a community or neighborhood school concept.



Cropper GIS

Revised: 01/06/2020

Enrollment Statistics Assumptions

The following document contains a series of tables and maps that depict statistics for current schools and boundaries, as well as redistricting options that are being evaluated internally and publicly. This information will help inform all stakeholders on how schools could be potentially impacted as a result of potential redistricting adjustments, along with a comparison to current school information.

When estimating enrollment for the redistricting options, a series of assumptions were made. These assumptions help to ensure that actual enrollments will materialize as close to the estimates as possible. The following assumptions were made:

1. The only students that are moved in the estimates are those that live and attend their zoned school.
2. Any student attending a school other than their zoned school will continue to attend that school.
3. The capacity of Holladay ES will increase from 506 to 1,100 students.
4. The capacity of Highland Springs HS will increase from 1,788 to 2,006 students.
5. The capacity of Tucker HS will increase from 1,958 to 1990 students.
6. A new elementary school is being designed for 650 students. However, the target zoned student enrollment is approximately 350 in anticipation of seats filled through special programs and future students from new residential developments. The new elementary school is expected to impact only the Greenwood and Longdale ES areas. If funded, the new school is anticipated to be open in the fall of 2022.
7. A middle school expansion is being planned for Hungary Creek MS. The expansion is expected to include 164 new seats. If funded, the middle school expansion is anticipated to begin in the fall of 2022.

All Student counts are based off of the 09/30/2019 HCPS Student Database.

Elementary School Option Enrollment Statistics

Elementary School	2019-20 Capacity	Option Capacity	Total Enrolled	Option C Estimated Enrollment
ADAMS ES	494	494	436	436
ASHE ES	580	580	411	450
BAKER ES	560	560	370	370
CARVER ES	582	582	466	566
CHAMBERLAYNE ES	440	440	324	324
COLONIAL TRAIL ES	690	690	705	544
CRESTVIEW ES	418	418	341	341
DAVIS ES	570	570	532	532
DONAHOE ES	506	506	478	485
DUMBARTON ES	660	660	626	531
ECHO LAKE ES	624	624	481	573
FAIR OAKS ES	394	394	397	374
GAYTON ES	582	582	587	587
GLEN ALLEN ES	754	754	644	644
GLEN LEA ES	484	484	435	435
GREENWOOD ES	638	638	579	428
HARVIE ES	624	624	567	567
HIGHLAND SPRINGS ES	558	558	536	498
HOLLADAY ES	506	1100	601	913
JOHNSON ES	528	528	495	345
KAECHELE ES	658	658	453	608
LABURNUM ES	550	550	519	519
LAKESIDE ES	524	524	483	483
LONGAN ES	460	460	450	433
LONGDALE ES	546	546	436	335
MAYBEURY ES	638	638	606	574
MEHFOUD ES	514	514	266	266
VARINA ES	680	680	305	305
MONTROSE ES	428	428	350	350
NEW SCHOOL	658	350		252
NUCKOLS FARM ES	656	656	626	626
PEMBERTON ES	350	350	308	308
PINCHBECK ES	570	570	580	512
RATCLIFFE ES	490	490	386	386
RIDGE ES	528	528	503	503
RIVERS EDGE ES	724	724	780	683
SANDSTON ES	220	220	178	178
SEVEN PINES ES	528	528	380	405
SHADY GROVE ES	746	746	668	668
SHORT PUMP ES	660	660	587	587
SKIPWITH ES	550	550	518	518
SPRINGFIELD PARK ES	670	670	619	641
THREE CHOPT ES	284	284	271	271
TREVVEIT ES	548	548	517	450
TUCKAHOE ES	736	736	644	644
TWIN HICKORY ES	682	682	583	589
WARD ES	602	602	469	459
Total	26392	26678	22496	22496

Note: Capacity for the new school is estimated based on guidelines. Actual capacity will depend on the design of the facility. Target enrollment for the new school is 350, as it is expected to gain more students from future development as well as division-wide programs.

Elementary School Option Utilization Statistics

Elementary School	2019-20 Capacity	Option Capacity	Enrolled Utilization	Option C Utilization
ADAMS ES	494	494	88%	88%
ASHE ES	580	580	71%	78%
BAKER ES	560	560	66%	66%
CARVER ES	582	582	80%	97%
CHAMBERLAYNE ES	440	440	74%	74%
COLONIAL TRAIL ES	690	690	102%	79%
CRESTVIEW ES	418	418	82%	82%
DAVIS ES	570	570	93%	93%
DONAHOE ES	506	506	94%	96%
DUMBARTON ES	660	660	95%	80%
ECHO LAKE ES	624	624	77%	92%
FAIR OAKS ES	394	394	101%	95%
GAYTON ES	582	582	101%	101%
GLEN ALLEN ES	754	754	85%	85%
GLEN LEA ES	484	484	90%	90%
GREENWOOD ES	638	638	91%	67%
HARVIE ES	624	624	91%	91%
HIGHLAND SPRINGS ES	558	558	96%	89%
HOLLADAY ES	506	1100	119%	83%
JOHNSON ES	528	528	94%	65%
KAECHER ES	658	658	69%	92%
LABURNUM ES	550	550	94%	94%
LAKESIDE ES	524	524	92%	92%
LONGAN ES	460	460	98%	94%
LONGDALE ES	546	546	80%	61%
MAYBEURY ES	638	638	95%	90%
MEHFOUD ES	514	514	52%	52%
VARINA ES	680	680	45%	45%
MONTROSE ES	428	428	82%	82%
NEW SCHOOL	658	350		72%
NUCKOLS FARM ES	656	656	95%	95%
PEMBERTON ES	350	350	88%	88%
PINCHBECK ES	570	570	102%	90%
RATCLIFFE ES	490	490	79%	79%
RIDGE ES	528	528	95%	95%
RIVERS EDGE ES	724	724	108%	94%
SANDSTON ES	220	220	81%	81%
SEVEN PINES ES	528	528	72%	77%
SHADY GROVE ES	746	746	90%	90%
SHORT PUMP ES	660	660	89%	89%
SKIPWITH ES	550	550	94%	94%
SPRINGFIELD PARK ES	670	670	92%	96%
THREE CHOPT ES	284	284	95%	95%
TREVVETT ES	548	548	94%	82%
TUCKAHOE ES	736	736	88%	88%
TWIN HICKORY ES	682	682	85%	86%
WARD ES	602	602	78%	76%
Total	26392	26678	85%	84%

Elementary School Enrollment by Grade

Elementary School	Option Capacity	2019-20 Total Enrolled						
		K	1	2	3	4	5	Total Enrolled
ADAMS ES	494	81	76	71	73	57	78	436
ASHE ES	580	66	68	69	76	59	73	411
BAKER ES	560	63	63	61	57	54	72	370
CARVER ES	582	92	69	89	70	71	75	466
CHAMBERLAYNE ES	440	44	52	64	50	65	49	324
COLONIAL TRAIL ES	690	108	125	125	117	115	115	705
CRESTVIEW ES	418	65	53	54	49	51	69	341
DAVIS ES	570	98	99	92	72	79	92	532
DONAHOE ES	506	69	92	76	78	81	82	478
DUMBARTON ES	660	142	108	105	93	75	103	626
ECHO LAKE ES	624	64	85	78	89	90	75	481
FAIR OAKS ES	394	59	62	70	77	62	67	397
GAYTON ES	582	82	111	81	110	89	114	587
GLEN ALLEN ES	754	108	102	99	115	116	104	644
GLEN LEA ES	484	84	74	62	75	74	66	435
GREENWOOD ES	638	84	88	105	106	92	104	579
HARVIE ES	624	93	92	77	110	91	104	567
HIGHLAND SPRINGS ES	558	94	89	96	87	88	82	536
HOLLADAY ES	1100	103	93	117	103	94	91	601
JOHNSON ES	528	73	89	89	84	69	91	495
KAECHELE ES	658	65	79	61	80	87	81	453
LABURNUM ES	550	91	88	95	79	61	105	519
LAKESIDE ES	524	72	81	75	82	81	92	483
LONGAN ES	460	80	88	71	68	68	75	450
LONGDALE ES	546	83	69	68	71	74	71	436
MAYBEURY ES	638	96	98	109	93	107	103	606
MEHFOUD ES	514	99	79	88	0	0	0	266
VARINA ES	680	0	0	0	83	120	102	305
MONTROSE ES	428	49	54	47	59	65	76	350
NEW SCHOOL	350							
NUCKOLS FARM ES	656	109	96	120	99	103	99	626
PEMBERTON ES	350	56	53	49	54	45	51	308
PINCHBECK ES	570	97	87	92	101	96	107	580
RATCLIFFE ES	490	58	63	75	59	70	61	386
RIDGE ES	528	91	79	89	78	86	80	503
RIVERS EDGE ES	724	118	138	137	127	145	115	780
SANDSTON ES	220	37	28	28	31	23	31	178
SEVEN PINES ES	528	69	76	52	64	62	57	380
SHADY GROVE ES	746	87	96	108	119	123	135	668
SHORT PUMP ES	660	90	102	111	90	113	81	587
SKIPWITH ES	550	98	71	87	106	85	71	518
SPRINGFIELD PARK ES	670	96	110	85	98	118	112	619
THREE CHOPT ES	284	39	31	40	40	54	67	271
TREVETT ES	548	103	91	86	69	84	84	517
TUCKAHOE ES	736	113	96	122	103	92	118	644
TWIN HICKORY ES	682	95	88	93	96	108	103	583
WARD ES	602	77	71	71	63	80	107	469
Total	26678	3740	3702	3739	3703	3722	3890	22496

Elementary School Option C: Estimated Enrollment by Grade

Elementary School	Option Capacity	Option C Estimated Enrollment						
		K	1	2	3	4	5	Option C Estimated Enrollment
ADAMS ES	494	81	76	71	73	57	78	436
ASHE ES	580	69	78	73	80	71	79	450
BAKER ES	560	63	63	61	57	54	72	370
CARVER ES	582	113	85	110	81	86	91	566
CHAMBERLAYNE ES	440	44	52	64	50	65	49	324
COLONIAL TRAIL ES	690	91	101	103	96	75	78	544
CRESTVIEW ES	418	65	53	54	49	51	69	341
DAVIS ES	570	98	99	92	72	79	92	532
DONAHOE ES	506	73	91	78	87	77	79	485
DUMBARTON ES	660	121	92	89	78	59	92	531
ECHO LAKE ES	624	76	105	97	99	107	89	573
FAIR OAKS ES	394	57	58	70	65	57	67	374
GAYTON ES	582	82	111	81	110	89	114	587
GLEN ALLEN ES	754	108	102	99	115	116	104	644
GLEN LEA ES	484	84	74	62	75	74	66	435
GREENWOOD ES	638	64	62	74	81	69	78	428
HARVIE ES	624	93	92	77	110	91	104	567
HIGHLAND SPRINGS ES	558	85	82	88	85	84	74	498
HOLLADAY ES	1100	158	149	168	157	142	139	913
JOHNSON ES	528	51	58	65	58	50	63	345
KAECHELE ES	658	86	100	86	110	117	109	608
LABURNUM ES	550	91	88	95	79	61	105	519
LAKESIDE ES	524	72	81	75	82	81	92	483
LONGAN ES	460	78	83	69	70	63	70	433
LONGDALE ES	546	63	58	53	53	52	56	335
MAYBEURY ES	638	89	91	106	86	102	100	574
MEHFOUD ES	514	99	79	88				266
VARINA ES	680				83	120	102	305
MONTROSE ES	428	49	54	47	59	65	76	350
NEW SCHOOL	350	40	37	46	43	45	41	252
NUCKOLS FARM ES	656	109	96	120	99	103	99	626
PEMBERTON ES	350	56	53	49	54	45	51	308
PINCHBECK ES	570	83	78	74	97	86	94	512
RATCLIFFE ES	490	58	63	75	59	70	61	386
RIDGE ES	528	91	79	89	78	86	80	503
RIVERS EDGE ES	724	102	118	122	110	131	100	683
SANDSTON ES	220	37	28	28	31	23	31	178
SEVEN PINES ES	528	75	80	54	66	65	65	405
SHADY GROVE ES	746	87	96	108	119	123	135	668
SHORT PUMP ES	660	90	102	111	90	113	81	587
SKIPWITH ES	550	98	71	87	106	85	71	518
SPRINGFIELD PARK ES	670	102	115	83	103	120	118	641
THREE CHOPT ES	284	39	31	40	40	54	67	271
TREVVEIT ES	548	91	82	75	56	71	75	450
TUCKAHOE ES	736	113	96	122	103	92	118	644
TWIN HICKORY ES	682	91	91	90	87	118	112	589
WARD ES	602	75	69	71	62	78	104	459
Total	26678	3740	3702	3739	3703	3722	3890	22496

Elementary School to Middle School Feeder Patterns

2019-20 ES Zone	2019-20 MS Zone	Total K-5th Live-In	ES Attendance
ADAMS	FAIRFIELD	221	50%
ADAMS	ROLFE	221	50%
ASHE	FAIRFIELD	395	100%
BAKER	ROLFE	373	100%
CARVER	POCAHONTAS	333	69%
CARVER	QUIOCCASIN	150	31%
CHAMBERLAYNE	BROOKLAND	290	84%
CHAMBERLAYNE	L. DOUGLAS WILDER	55	16%
COLONIAL TRAIL	QUIOCCASIN	186	27%
COLONIAL TRAIL	SHORT PUMP M.	511	73%
CRESTVIEW	TUCKAHOE M.	332	100%
DAVIS	QUIOCCASIN	537	100%
DONAHOE	ELKO	513	100%
DUMBARTON	BROOKLAND	650	100%
ECHO LAKE	HOLMAN	193	41%
ECHO LAKE	HUNGARY CREEK	280	59%
FAIR OAKS	ELKO	355	100%
GAYTON	POCAHONTAS	588	100%
GLEN ALLEN	HUNGARY CREEK	635	100%
GLEN LEA	L. DOUGLAS WILDER	448	100%
GREENWOOD	HUNGARY CREEK	587	100%
HARVIE	FAIRFIELD	468	86%
HARVIE	L. DOUGLAS WILDER	74	14%
HIGHLAND SPRINGS	FAIRFIELD	551	100%
HOLLADAY	BROOKLAND	319	52%
HOLLADAY	MOODY	294	48%
JOHNSON	BROOKLAND	379	75%
JOHNSON	TUCKAHOE M.	125	25%
KAECHLE	SHORT PUMP M.	430	100%
LABURNUM	L. DOUGLAS WILDER	320	62%
LABURNUM	MOODY	200	38%
LAKESIDE	MOODY	478	100%
LONGAN	HOLMAN	263	58%
LONGAN	HUNGARY CREEK	188	42%
LONGDALE	BROOKLAND	419	100%
MAYBEURY	TUCKAHOE M.	613	100%
MEHFOUD&VARINA	ELKO	50	9%
MEHFOUD&VARINA	ROLFE	526	91%
MONTROSE	ROLFE	369	100%
NUCKOLS FARM	POCAHONTAS	348	57%
NUCKOLS FARM	SHORT PUMP M.	263	43%
PEMBERTON	QUIOCCASIN	300	100%
PINCHBECK	QUIOCCASIN	594	100%
RATCLIFFE	FAIRFIELD	117	30%
RATCLIFFE	L. DOUGLAS WILDER	270	70%
RIDGE	QUIOCCASIN	312	61%
RIDGE	TUCKAHOE M.	196	39%
RIVERS EDGE	HOLMAN	774	100%
SANDSTON	ELKO	176	100%
SEVEN PINES	ELKO	408	100%
SHADY GROVE	SHORT PUMP M.	659	100%
SHORT PUMP	POCAHONTAS	607	100%
SKIPWITH	QUIOCCASIN	541	100%
SPRINGFIELD PARK	HOLMAN	617	100%
THREE CHOPT	TUCKAHOE M.	210	100%
TREVETT	BROOKLAND	499	100%
TUCKAHOE	TUCKAHOE M.	621	100%
TWIN HICKORY	SHORT PUMP M.	593	100%
WARD	ELKO	110	28%
WARD	ROLFE	289	72%

Elementary School to Middle School Feeder Patterns (Continued)

ES Option C Zone	MS Option C Zone	Total K-5th Live-In	ES Attendance
Adams	Fairfield	221	50%
Adams	Rolfe	221	50%
Ashe	Elko	42	10%
Ashe	Fairfield	395	90%
Baker	Rolfe	373	100%
Carver	Pocahontas	78	13%
Carver	Quioccasin	513	87%
Chamberlayne	Brookland	30	9%
Chamberlayne	L. Douglas Wilder	315	91%
Colonial Trail	Pocahontas	257	48%
Colonial Trail	Short Pump M.	278	52%
Crestview	Tuckahoe M.	332	100%
Davis	Quioccasin	537	100%
Donahoe	Elko	531	100%
Dumbarton	Brookland	552	100%
Echo Lake	Holman	225	39%
Echo Lake	Hungary Creek	347	61%
Fair Oaks	Elko	328	100%
Gayton	Pocahontas	517	88%
Gayton	Quioccasin	71	12%
Glen Allen	Hungary Creek	635	100%
Glen Lea	L. Douglas Wilder	448	100%
Greenwood	Brookland	167	39%
Greenwood	Hungary Creek	260	61%
Harvie	Fairfield	468	86%
Harvie	L. Douglas Wilder	74	14%
Highland Springs	Fairfield	500	100%
Holladay	Brookland	622	66%
Holladay	Moody	317	34%
Johnson	Tuckahoe M.	347	100%
Kaechele	Short Pump M.	596	100%
Laburnum	L. Douglas Wilder	520	100%
Lakeside	Moody	478	100%
Longan	Holman	307	72%
Longan	Hungary Creek	121	28%
Longdale	Brookland	309	100%
Maybeury	Tuckahoe M.	577	100%
Mehfoud&Varina	Rolfe	576	100%
Montrose	Rolfe	369	100%
New School	Brookland	270	100%
Nuckols Farm	Pocahontas	611	100%
Pemberton	Quioccasin	300	100%
Pinchbeck	Quioccasin	486	93%
Pinchbeck	Tuckahoe M.	36	7%
Ratcliffe	Fairfield	387	100%
Ridge	Quioccasin	312	61%
Ridge	Tuckahoe M.	196	39%
Rivers Edge	Holman	411	61%
Rivers Edge	Short Pump M.	266	39%
Sandston	Elko	176	100%
Seven Pines	Elko	436	100%
Shady Grove	Short Pump M.	659	100%
Short Pump	Pocahontas	380	63%
Short Pump	Quioccasin	227	37%
Skipwith	Quioccasin	250	46%
Skipwith	Tuckahoe M.	291	54%
Springfield Park	Holman	580	91%
Springfield Park	Short Pump M.	58	9%
Three Chopt	Tuckahoe M.	210	100%
Trevvett	Brookland	428	100%
Tuckahoe	Tuckahoe M.	621	100%
Twin Hickory	Short Pump M.	589	100%
Ward	Rolfe	389	100%

Elementary School Option Impacts

The cells colored in green reflect live-in students who are not moved, and the cells colored in tan show the number of live-in students that are moved, where they are currently zoned, and where they will be zoned per the option. The first table shows a sum of all students impacted per the option.

Student Impact Estimates	
Option	Total K-5th Live and Attend-In Students Impacted
ES Option C	1,545

2018-19 ES Zone	ES Option C Zone	K-5th Study Area Live and Attend-In Students
ADAMS	Adams	415
ASHE	Ashe	379
BAKER	Baker	358
CARVER	Carver	459
CHAMBERLAYNE	Chamberlayne	319
COLONIAL TRAIL	Colonial Trail	475
COLONIAL TRAIL	Twin Hickory	207
CRESTVIEW	Crestview	319
DAVIS	Davis	518
DONAHOE	Ashe	39
DONAHOE	Donahoe	421
DONAHOE	Seven Pines	15
DUMBARTON	Dumbarton	524
DUMBARTON	Holladay	95
ECHO LAKE	Echo Lake	467
FAIR OAKS	Donahoe	61
FAIR OAKS	Fair Oaks	213
GAYTON	Gayton	576
GLEN ALLEN	Glen Allen	625
GLEN LEA	Glen Lea	421
GREENWOOD	Greenwood	409
GREENWOOD	New School	151
HARVIE	Harvie	524
HIGHLAND SPRINGS	Fair Oaks	38
HIGHLAND SPRINGS	Highland Springs	388
HOLLADAY	Holladay	591
JOHNSON	Holladay	150
JOHNSON	Johnson	330
KAECELE	Colonial Trail	46
KAECELE	Kaechele	378
LABURNUM	Laburnum	498
LAKESIDE	Lakeside	457
LONGAN	Echo Lake	60
LONGAN	Longan	365
LONGDALE	Longdale	296
LONGDALE	New School	101
MAYBEURY	Maybeury	562
MAYBEURY	Pinchbeck	32
MEHFOUD&VARINA	Mehfoud&Varina	540
MONTROSE	Montrose	338
NUCKOLS FARM	Nuckols Farm	610
PEMBERTON	Pemberton	289
PINCHBECK	Carver	100
PINCHBECK	Pinchbeck	466
RATCLIFFE	Ratcliffe	361
RIDGE	Ridge	491
RIVERS EDGE	Rivers Edge	660
RIVERS EDGE	Springfield Park	97
SANDSTON	Sandston	161
SEVEN PINES	Seven Pines	377
SHADY GROVE	Shady Grove	650
SHORT PUMP	Short Pump	582
SKIPWITH	Skipwith	513
SPRINGFIELD PARK	Echo Lake	32
SPRINGFIELD PARK	Longan	43
SPRINGFIELD PARK	Springfield Park	524
THREE CHOPT	Three Chopt	203
TREVETT	Holladay	67
TREVETT	Trevett	412
TUCKAHOE	Tuckahoe	620
TWIN HICKORY	Kaechele	201
TWIN HICKORY	Twin Hickory	370
WARD	Seven Pines	10
WARD	Ward	379

Elementary School Economic Disadvantage

Below is a table that represents the percentages of students who are Economically Disadvantaged. The calculations are based on the estimated enrollment of the schools, which includes students enrolling in/out of zone. The values have been provided by HCPS.

There are schools noted with an asterisk in the table that are categorized as 'CEP' (Community Eligibility Provision) Schools. CEP schools are those where all students attending the school are eligible for free lunch. For schools that are not categorized as 'CEP', students are either direct certified for lunch or are approved via application process.

For schools that are categorized as 'CEP', any student is eligible for free lunch and therefore there is not an application process for these schools. Because of this, percentages for schools coded as 'CEP' only reflect students that are direct certified into the lunch program, and may not include all students who participate in the free lunch program.

Elementary School	Enrolled	Option C
	Percent Economically Disadvantaged	Percent Economically Disadvantaged
ADAMS ES*	53%	53%
ASHE ES	75%	64%
BAKER ES	70%	70%
CARVER ES	45%	46%
CHAMBERLAYNE ES	64%	64%
COLONIAL TRAIL ES	11%	12%
CRESTVIEW ES	45%	45%
DAVIS ES	35%	35%
DONAHOE ES*	45%	47%
DUMBARTON ES	82%	75%
ECHO LAKE ES	18%	17%
FAIR OAKS ES*	64%	63%
GAYTON ES	11%	11%
GLEN ALLEN ES	15%	15%
GLEN LEA ES*	66%	66%
GREENWOOD ES	41%	41%
HARVIE ES*	51%	51%
HIGHLAND SPRINGS ES*	64%	66%
HOLLADAY ES*	50%	56%
JOHNSON ES*	56%	57%
KAECHELE ES	4%	8%
LABURNUM ES*	62%	62%
LAKESIDE ES	71%	71%
LONGAN ES	54%	57%
LONGDALE ES*	58%	58%
MAYBEURY ES	34%	33%
MEHFOUD ES	50%	50%
VARINA ES	50%	50%
MONTROSE ES*	53%	53%
New School		37%
NUCKOLS FARM ES	8%	8%
PEMBERTON ES	17%	15%
PINCHBECK ES	44%	45%
RATCLIFFE ES*	52%	52%
RIDGE ES*	47%	53%
RIVERS EDGE ES	4%	4%
SANDSTON ES*	46%	45%
SEVEN PINES ES	58%	59%
SHADY GROVE ES	5%	5%
SHORT PUMP ES	11%	14%
SKIPWITH ES	58%	57%
SPRINGFIELD PARK ES	28%	25%
THREE CHOPT ES	37%	37%
TREVETT ES	55%	54%
TUCKAHOE ES	6%	6%
TWIN HICKORY ES	12%	7%
WARD ES*	52%	52%
Total	39%	39%

Elementary School Option Transportation Distance

Name	Average Distance Calculations	
	Current Avg. Distance	Opt C Avg. Distance
Adams	1.37	1.38
Ashe	1.83	1.95
Baker	1.69	1.69
Carver	1.23	1.39
Chamberlayne	1.25	1.25
Colonial Trail	1.32	1.71
Crestview	0.90	0.90
Davis	1.56	1.56
Donahoe	1.92	1.76
Dumbarton	0.87	0.78
Echo Lake	1.33	1.52
Fair Oaks	1.05	1.04
Gayton	0.98	0.98
Glen Allen	1.85	1.85
Glen Lea	1.39	1.39
Greenwood	1.87	1.72
Harvie Elementary	1.40	1.44
Highland Springs	0.64	0.64
Holladay	1.28	1.66
Johnson	1.18	1.08
Kaechele	2.02	2.18
Laburnum	1.30	1.30
Lakeside	1.01	1.01
Longan	0.99	0.93
Longdale	1.13	0.88
Mayebeury	1.20	1.21
Mehfoud	3.86	3.86
Montrose	0.88	0.88
New School		2.02
Nuckols Farm	1.62	1.62
Pemberton	1.50	1.50
Pinchbeck	1.28	1.00
Ratcliffe	1.03	1.03
Ridge	0.93	0.93
River's Edge	1.82	1.70
Sandston	0.98	0.98
Seven Pines	2.61	2.82
Shady Grove	0.99	0.99
Short Pump	1.41	1.41
Skipwith	1.18	1.18
Springfield Park	1.19	1.19
Three Chopt	0.81	0.81
Trevvet	1.37	1.31
Tuckahoe	1.04	1.04
Twin Hickory	0.99	1.13
Varina	3.19	3.19
Ward	3.99	3.87
Total	1.462	1.482

Note: Distances are calculated based on the average road network distance from a student's home to their assigned school.

Middle School Option Enrollment Statistics

Middle School	2019-20 Capacity	Option Capacity	Total Enrolled	Option C Estimated Enrollment
BROOKLAND MS	1354	1354	1214	1137
ELKO MS	1058	1058	762	729
FAIRFIELD MS	1348	1348	1092	1205
HOLMAN MS	1058	1058	937	819
HUNGARY CREEK MS	986	1150	989	830
L. DOUGLAS WILDER MS	982	982	832	873
MOODY MS	1206	1206	1129	1090
POCAHONTAS MS	982	982	911	771
QUIOCCASIN MS	1356	1356	1113	1268
ROLFE MS	1358	1358	851	917
SHORT PUMP MS	1238	1238	1070	1014
TUCKAHOE MS	1348	1348	1103	1350
Total	14274	14438	12003	12003

Middle School Option Utilization Statistics

Middle School	2019-20 Capacity	Option Capacity	Enrolled Utilization	Option C Utilization
BROOKLAND MS	1354	1354	90%	84%
ELKO MS	1058	1058	72%	69%
FAIRFIELD MS	1348	1348	81%	89%
HOLMAN MS	1058	1058	89%	77%
HUNGARY CREEK MS	986	1150	100%	72%
L. DOUGLAS WILDER MS	982	982	85%	89%
MOODY MS	1206	1206	94%	90%
POCAHONTAS MS	982	982	93%	79%
QUIOCCASIN MS	1356	1356	82%	94%
ROLFE MS	1358	1358	63%	68%
SHORT PUMP MS	1238	1238	86%	82%
TUCKAHOE MS	1348	1348	82%	100%
Total	14274	14438	84%	83%

Note: The 164-student increase in capacity at Hungary Creek is estimated based on guidelines. Actual capacity will depend on the design of the facility.

Middle School Enrollment by Grade

Middle School	Option Capacity	2019-20 Total Enrolled			
		6	7	8	Total Enrolled
BROOKLAND MS	1354	427	380	407	1214
ELKO MS	1058	245	274	243	762
FAIRFIELD MS	1348	390	357	345	1092
HOLMAN MS	1058	293	277	367	937
HUNGARY CREEK MS	1150	314	332	343	989
L. DOUGLAS WILDER MS	982	277	269	286	832
MOODY MS	1206	383	379	367	1129
POCAHONTAS MS	982	288	303	320	911
QUIOCCASIN MS	1356	353	406	354	1113
ROLFE MS	1358	263	283	305	851
SHORT PUMP MS	1238	358	395	317	1070
TUCKAHOE MS	1348	359	381	363	1103
Total	14438	3950	4036	4017	12003

Middle School Option C: Estimated Enrollment by Grade

Middle School	Option Capacity	Option C Estimated Enrollment			
		6	7	8	Option C Estimated Enrollment
BROOKLAND MS	1354	396	356	385	1137
ELKO MS	1058	237	260	232	729
FAIRFIELD MS	1348	423	393	389	1205
HOLMAN MS	1058	252	243	324	819
HUNGARY CREEK MS	1150	261	280	289	830
L. DOUGLAS WILDER MS	982	313	289	271	873
MOODY MS	1206	358	364	368	1090
POCAHONTAS MS	982	236	267	268	771
QUIOCCASIN MS	1356	410	445	413	1268
ROLFE MS	1358	280	305	332	917
SHORT PUMP MS	1238	344	373	297	1014
TUCKAHOE MS	1348	440	461	449	1350
Total	14438	3950	4036	4017	12003

Middle School to High School Feeder Patterns

2019-20 MS Zone	2019-20 HS Zone	Total 6-8th Live-In	MS Attendance
BROOKLAND	HENRICO	35	3%
BROOKLAND	HERMITAGE	881	70%
BROOKLAND	TUCKER	342	27%
ELKO	HIGHLAND SPRINGS	532	64%
ELKO	VARINA	304	36%
FAIRFIELD	HENRICO	43	5%
FAIRFIELD	HIGHLAND SPRINGS	868	95%
HOLMAN	DEEP RUN	223	22%
HOLMAN	GLEN ALLEN	545	55%
HOLMAN	TUCKER	226	23%
HUNGARY CREEK	GLEN ALLEN	971	92%
HUNGARY CREEK	TUCKER	79	8%
L. DOUGLAS WILDER	HENRICO	644	100%
MOODY	HENRICO	99	18%
MOODY	HERMITAGE	437	82%
POCAHONTAS	GODWIN	986	100%
QUIOCCASIN	FREEMAN	425	35%
QUIOCCASIN	GODWIN	331	27%
QUIOCCASIN	TUCKER	459	38%
ROLFE	HIGHLAND SPRINGS	51	5%
ROLFE	VARINA	907	95%
SHORT PUMP M.	DEEP RUN	1468	100%
TUCKAHOE M.	FREEMAN	959	87%
TUCKAHOE M.	TUCKER	146	13%

Middle School to High School Feeder Patterns (Continued)

MS Option C Zone	HS Option C Zone	Total 6-8th Live-In	MS Attendance
Brookland	Henrico	73	6%
Brookland	Hermitage	880	76%
Brookland	Tucker	203	18%
Elko	Highland Springs	565	72%
Elko	Varina	224	28%
Fairfield	Henrico	200	19%
Fairfield	Highland Springs	844	81%
Holman	Deep Run	223	27%
Holman	Glen Allen	469	56%
Holman	Tucker	145	17%
Hungary Creek	Glen Allen	640	72%
Hungary Creek	Hermitage	165	19%
Hungary Creek	Tucker	79	9%
L. Douglas Wilder	Henrico	731	100%
Moody	Henrico	126	28%
Moody	Hermitage	327	72%
Pocahontas	Deep Run	198	23%
Pocahontas	Godwin	647	77%
Quioccasin	Freeman	347	25%
Quioccasin	Godwin	687	50%
Quioccasin	Tucker	353	25%
Rolfe	Varina	1038	100%
Short Pump M.	Deep Run	1270	89%
Short Pump M.	Glen Allen	157	11%
Tuckahoe M.	Freeman	939	69%
Tuckahoe M.	Tucker	431	31%

Middle School to High School Feeder Patterns (Continued)

MS Option C Zone	HS Option D Zone	Total 6-8th Live-In	MS Attendance
Brookland	Henrico	73	6%
Brookland	Hermitage	882	76%
Brookland	Tucker	201	17%
Elko	Highland Springs	565	72%
Elko	Varina	224	28%
Fairfield	Henrico	200	19%
Fairfield	Highland Springs	844	81%
Holman	Deep Run	223	27%
Holman	Glen Allen	388	46%
Holman	Tucker	226	27%
Hungary Creek	Glen Allen	767	87%
Hungary Creek	Hermitage	38	4%
Hungary Creek	Tucker	79	9%
L. Douglas Wilder	Henrico	731	100%
Moody	Hermitage	453	100%
Pocahontas	Deep Run	198	23%
Pocahontas	Godwin	647	77%
Quioccasin	Freeman	425	31%
Quioccasin	Godwin	695	50%
Quioccasin	Tucker	267	19%
Rolfe	Varina	1038	100%
Short Pump M.	Deep Run	1270	89%
Short Pump M.	Glen Allen	157	11%
Tuckahoe M.	Freeman	801	58%
Tuckahoe M.	Tucker	569	42%

Middle School Option Impacts

Student Impact Estimates	
Option	Total 6-8th Live and Attend-In Students Impacted
MS Option C	1,502

2018-19 MS Zone	MS Option C Zone	K-5th Study Area Live and Attend-In Students
BROOKLAND	Brookland	936
BROOKLAND	L. Douglas Wilder	132
BROOKLAND	Moody	16
BROOKLAND	Tuckahoe M.	88
ELKO	Elko	671
ELKO	Rolfe	66
FAIRFIELD	Elko	33
FAIRFIELD	Fairfield	835
HOLMAN	Holman	702
HOLMAN	Short Pump M.	118
HUNGARY CREEK	Brookland	159
HUNGARY CREEK	Hungary Creek	787
L. DOUGLAS WILDER	Fairfield	146
L. DOUGLAS WILDER	L. Douglas Wilder	442
MOODY	L. Douglas Wilder	55
MOODY	Moody	412
POCAHONTAS	Pocahontas	566
POCAHONTAS	Quioccasin	335
QUIOCCASIN	Pocahontas	21
QUIOCCASIN	Quioccasin	918
QUIOCCASIN	Tuckahoe M.	159
ROLFE	Rolfe	841
SHORT PUMP M.	Pocahontas	174
SHORT PUMP M.	Short Pump M.	878
TUCKAHOE M.	Tuckahoe M.	1085

Middle School Economic Disadvantage

Below is a table that represents the percentages of students who are Economically Disadvantaged. The calculations are based on the estimated enrollment of the schools, which includes students enrolling in/out of zone. The values have been provided by HCPS.

There are schools noted with an asterisk in the table that are categorized as 'CEP' (Community Eligibility Provision) Schools. CEP schools are those where all students attending the school are eligible for free lunch. For schools that are not categorized as 'CEP', students are either direct certified for lunch or are approved via application process.

For schools that are categorized as 'CEP', any student is eligible for free lunch and therefore there is not an application process for these schools. Because of this, percentages for schools coded as 'CEP' only reflect students that are direct certified into the lunch program, and may not include all students who participate in the free lunch program.

Middle School	Enrolled	Option C
	Percent Economically Disadvantaged	Percent Economically Disadvantaged
BROOKLAND MS	73%	69%
ELKO MS	63%	66%
FAIRFIELD MS*	55%	54%
HOLMAN MS	24%	26%
HUNGARY CREEK MS	30%	26%
L. DOUGLAS WILDER MS*	50%	54%
MOODY MS	31%	29%
POCAHONTAS MS	21%	13%
QUIOCCASIN MS	49%	43%
ROLFE MS*	57%	56%
SHORT PUMP MS	9%	9%
TUCKAHOE MS	30%	37%
Total	41%	41%

Middle School Option Transportation Distance*

Name	Average Distance Calculations	
	Current Avg. Distance	Opt C Avg. Distance
Brookland	2.66	2.51
Elko	5.73	5.75
Fairfield	1.89	2.13
Holman	3.10	3.09
Hungary Creek	3.22	2.93
Moody	1.72	1.50
Pocahontas	2.04	1.81
Quioccasin	2.04	2.16
Rolfe	3.38	3.71
Short Pump	2.53	2.58
Tuckahoe	2.32	2.51
Wilder	3.36	2.63
Total	2.833	2.775

Note: Distances are calculated based on the average road network distance from a student's home to their assigned school.

*Distance calculations were updated on 1/6/2019.

High School Option Enrollment Statistics

High School	2019-20 Capacity	Option Capacity	Total Enrolled	Option C Estimated Enrollment	Option D Estimated Enrollment
DEEP RUN HS	1850	1850	1765	1765	1765
FREEMAN HS	1760	1760	1823	1665	1648
GLEN ALLEN HS	1850	1850	1904	1593	1661
GODWIN HS	1904	1904	1807	1817	1825
HENRICO HS	1884	1884	1511	1806	1714
HERMITAGE HS	1976	1976	1594	1714	1652
HIGHLAND SPRINGS HS	1788	2006	1826	1779	1779
TUCKER HS	1958	1990	1672	1696	1791
VARINA HS	1980	1980	1453	1520	1520
Total	16950	17200	15355	15355	15355

High School Option Utilization Statistics

High School	2019-20 Capacity	Option Capacity	Enrolled Utilization	Option C Utilization	Option D Utilization
DEEP RUN HS	1850	1850	95%	95%	95%
FREEMAN HS	1760	1760	104%	95%	94%
GLEN ALLEN HS	1850	1850	103%	86%	90%
GODWIN HS	1904	1904	95%	95%	96%
HENRICO HS	1884	1884	80%	96%	91%
HERMITAGE HS	1976	1976	81%	87%	84%
HIGHLAND SPRINGS HS	1788	2006	102%	89%	89%
TUCKER HS	1958	1990	85%	85%	90%
VARINA HS	1980	1980	73%	77%	77%
Total	16950	17200	91%	89%	89%

High School Enrollment by Grade

High School	Option Capacity	2019-20 Total Enrolled				
		9	10	11	12	Total Enrolled
DEEP RUN HS	1850	472	448	433	412	1765
FREEMAN HS	1760	509	490	414	410	1823
GLEN ALLEN HS	1850	503	516	455	430	1904
GODWIN HS	1904	477	468	408	454	1807
HENRICO HS	1884	421	390	325	375	1511
HERMITAGE HS	1976	426	374	410	384	1594
HIGHLAND SPRINGS HS	2006	551	454	439	382	1826
TUCKER HS	1990	447	429	412	384	1672
VARINA HS	1980	362	386	359	346	1453
Total	17200	4168	3955	3655	3577	15355

High School Option C: Estimated Enrollment by Grade

High School	Option Capacity	Option C Estimated Enrollment				
		9	10	11	12	Option C Estimated Enrollment
DEEP RUN HS	1850	506	496	478	446	1926
FREEMAN HS	1760	470	445	372	378	1665
GLEN ALLEN HS	1850	383	378	327	344	1432
GODWIN HS	1904	481	471	409	456	1817
HENRICO HS	1884	555	510	433	497	1995
HERMITAGE HS	1976	412	365	408	340	1525
HIGHLAND SPRINGS HS	2006	530	448	422	379	1779
TUCKER HS	1990	447	441	427	381	1696
VARINA HS	1980	384	401	379	356	1520
Total	17200	4168	3955	3655	3577	15355

High School Option D: Estimated Enrollment by Grade

High School	Option Capacity	Option D Estimated Enrollment				Option D Estimated Enrollment
		9	10	11	12	
DEEP RUN HS	1850	472	448	433	412	1765
FREEMAN HS	1760	460	443	378	367	1648
GLEN ALLEN HS	1850	437	447	393	384	1661
GODWIN HS	1904	484	473	409	459	1825
HENRICO HS	1884	480	432	368	434	1714
HERMITAGE HS	1976	443	407	431	371	1652
HIGHLAND SPRINGS HS	2006	530	448	422	379	1779
TUCKER HS	1990	478	456	442	415	1791
VARINA HS	1980	384	401	379	356	1520
Total	17200	4168	3955	3655	3577	15355

High School Option Impacts

The cells colored in green reflect live-in students who are not moved, and the cells colored in tan show the number of live-in students that are moved, where they are currently zoned, and where they will be zoned per the option. The first table shows a sum of all students impacted per the option.

Student Impact Estimates	
Option	Total 9-12th Live and Attend-In Students Impacted
HS Option C	1,092
HS Option D	784

2019-20 HS Zone	HS Option C Zone	9-12th Study Area Live and Attend-In Students
DEEP RUN	Deep Run	1617
FREEMAN	Freeman	1523
FREEMAN	Tucker	158
GLEN ALLEN	Glen Allen	1311
GLEN ALLEN	Hermitage	398
GODWIN	Godwin	1612
HENRICO	Henrico	961
HENRICO	Highland Springs	20
HERMITAGE	Henrico	315
HERMITAGE	Hermitage	1100
HIGHLAND SPRINGS	Highland Springs	1509
HIGHLAND SPRINGS	Varina	67
TUCKER	Glen Allen	87
TUCKER	Godwin	10
TUCKER	Hermitage	37
TUCKER	Tucker	1118
VARINA	Varina	1371

2018-19 HS Zone	HS Option D Zone	9-12th Study Area Live and Attend-In Students
DEEP RUN	Deep Run	1617
FREEMAN	Freeman	1506
FREEMAN	Tucker	175
GLEN ALLEN	Glen Allen	1466
GLEN ALLEN	Hermitage	243
GODWIN	Godwin	1612
HENRICO	Henrico	961
HENRICO	Highland Springs	20
HERMITAGE	Henrico	223
HERMITAGE	Hermitage	1192
HIGHLAND SPRINGS	Highland Springs	1509
HIGHLAND SPRINGS	Varina	67
TUCKER	Godwin	18
TUCKER	Hermitage	38
TUCKER	Tucker	1196
VARINA	Varina	1371

High School Economic Disadvantage

Below is a table that represents the percentages of students who are Economically Disadvantaged. The calculations are based on the estimated enrollment of the schools, which includes students enrolling in/out of zone. The values have been provided by HCPS.

There are schools noted with an asterisk in the table that are categorized as 'CEP' (Community Eligibility Provision) Schools. CEP schools are those where all students attending the school are eligible for free lunch. For schools that are not categorized as 'CEP', students are either direct certified for lunch or are approved via application process.

For schools that are categorized as 'CEP', any student is eligible for free lunch and therefore there is not an application process for these schools. Because of this, percentages for schools coded as 'CEP' only reflect students that are direct certified into the lunch program, and may not include all students who participate in the free lunch program.

	Enrolled	Option C	Option D
High School	Percent Economically Disadvantaged	Percent Economically Disadvantaged	Percent Economically Disadvantaged
DEEP RUN HS	7%	7%	7%
FREEMAN HS	31%	32%	30%
GLEN ALLEN HS	19%	17%	17%
GODWIN HS	16%	16%	16%
HENRICO HS	51%	53%	51%
HERMITAGE HS	54%	48%	51%
HIGHLAND SPRINGS HS	59%	58%	58%
TUCKER HS	46%	42%	45%
VARINA HS	52%	53%	53%
Total	36%	36%	36%

High School Option Transportation Distance*

Name	Average Distance Calculations		
	Current Avg. Distance	Opt C Avg. Distance	Opt D Avg. Distance
Deep Run	2.16	2.16	2.16
Freeman	1.92	1.94	1.84
Glen Allen	2.80	2.44	2.55
Godwin	2.04	2.05	2.05
Henrico	2.65	2.84	2.89
Hermitage	3.15	3.00	2.97
Highland Springs	2.68	2.73	2.73
Tucker	2.10	2.11	2.30
Varina	4.59	4.60	4.60
Total	2.677	2.651	2.677

Note: Distances are calculated based on the average road network distance from a student's home to their assigned school.

*Distance calculations were updated on 1/6/2019.

Glossary of Terms

Capacity -the number of students that an individual school has the physical capacity to enroll and can be reasonably accommodated in a facility.

Utilization - Utilization is the enrollment divided by the capacity, described as a percentage.

Live-in students – Students residing inside of a school attendance boundary, regardless of where that student attends school.

Live and Attend-in students – Students that live inside a school attendance boundary, and attends that school.

Live-out Attend-in students – Students that live outside of the 2018-19 attendance boundaries for the school that they attend, but attend that school.

Out of District students – Students that live outside of the Henrico County Public Schools boundary.

Unmatched students – Students whose address was not able to be located by the GIS.

Estimated Enrollment – Estimated Enrollment is calculated by adding the Live and Attend-in students plus the Live-Out Attend-In, Out of District, and Unmatched students.

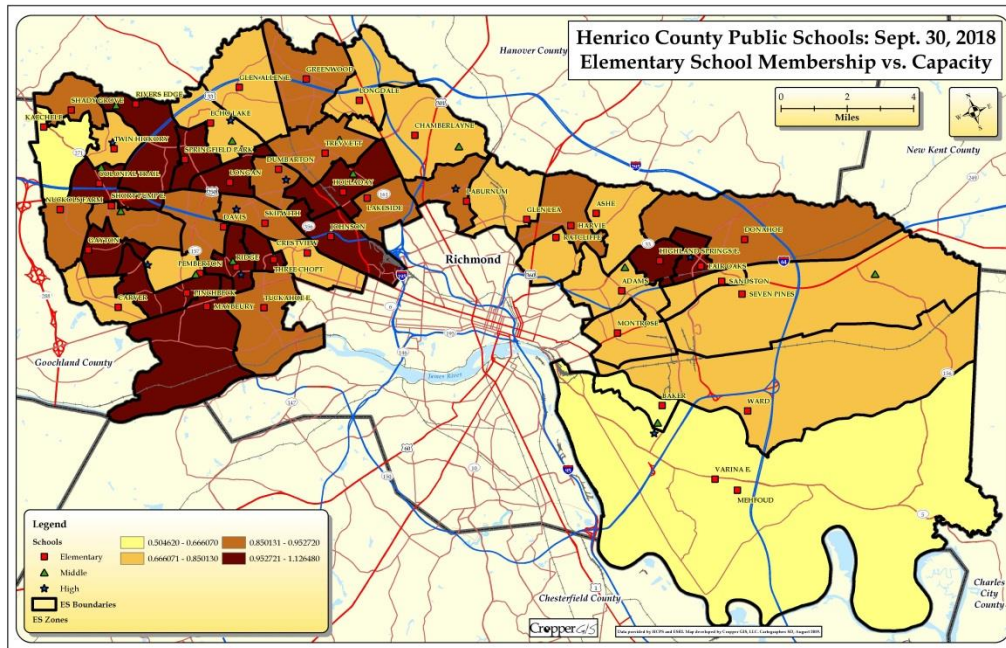
Option Impact – The number of Live and Attend-In students that change attendance boundaries from the 2018-19 attendance boundaries given each option. In other words, an estimate of the total number of students that could be impacted per any of the options.

Feeder Pattern – The number of students living within the attendance boundary of both a lower grade cohort (ex. Elementary schools) and a higher grade cohort (i.e. Middle School). This is given as both the number of Live-in students, and described as a percentage.

Henrico County Public Schools, VA Redistricting Project for 2021:

Options Enrollment Trends and Subdivision Developments

Revised: 12/19/2019



Project Goals

1. Efficiently using all available space and planning for future county growth.
2. Determining attendance boundaries for the expanded Holladay Elementary School (7300 Galaxie Road), which will double in size when an addition opens for the 2021-22 school year.
3. Accounting for the increased building capacity available when replacements for Highland Springs (15 S. Oak Ave.) and J. R. Tucker (2910 Parham Rd.) high schools open on their current sites for the 2021-22 school year.
4. Reducing concentrations of poverty while balancing a community or neighborhood school concept.






CropperGIS

Enrollment Trends Assumptions

The following document contains a series of tables that depict the trends for current school enrollment and statistics for expected student yields from developments, as well as redistricting options that are being evaluated internally and publicly.

If there are more students in lower grade levels than the higher grade levels this shows enrollment growth since the lower, larger grade levels will move up through the school, while the higher, smaller grade levels will move on to the next school. Enrollment growth is symbolized by a green arrow pointing up. If there are fewer students in lower grade levels than the higher grade levels this shows enrollment decline since the lower, smaller grade levels will move up through the school, while the higher, larger grade levels will move on to the next school. A negative trend is symbolized by a red arrow pointing down. If the all of the grade levels are approximately the same size, then there is enrollment stability, this is symbolized by a yellow line. See the reference below for each of the symbols. All Student counts are based off of the 09/30/2019 HCPS Student Database.

The trend data helps to understand how enrollment will change with the absence of in-migration (i.e. future residential construction). In addition to the trend data, we have provided the number of students expected from future residential development. This will help understand the number of students that can be expected from future approved residential development (per the County Planning Office as of Aug. 1, 2019). It is important to not only look at future students from new housing, but also understand if a school area is expected to have enrollment growth, stability, or decline.

Enrollment Growth	
Enrollment Stability	
Enrollment Decline	

Elementary School Option Trends

Elementary School	2019-20 Boundaries Enrollment Trend	Option C Enrollment Trend
ADAMS ES	▲	▲
ASHE ES	▼	▼
BAKER ES	▼	▼
CARVER ES	▲	▲
CHAMBERLAYNE ES	▼	▼
COLONIAL TRAIL ES	▬	▲
CRESTVIEW ES	▼	▼
DAVIS ES	▲	▲
DONAHOE ES	▼	▬
DUMBARTON ES	▲	▲
ECHO LAKE ES	▼	▼
FAIR OAKS ES	▬	▬
GAYTON ES	▼	▼
GLEN ALLEN ES	▼	▼
GLEN LEA ES	▲	▲
GREENWOOD ES	▼	▼
HARVIE ES	▼	▼
HIGHLAND SPRINGS ES	▲	▬
HOLLADAY ES	▲	▲
JOHNSON ES	▼	▬
KAECELE ES	▼	▼
LABURNUM ES	▬	▬
LAKESIDE ES	▼	▼
LONGAN ES	▬	▲
LONGDALE ES	▲	▲
MAYBEURY ES	▼	▼
MEHFOUD ES	▼	▼
VARINA ES	▼	▼
MONTROSE ES	▼	▼
NEW SCHOOL	▬	▼
NUCKOLS FARM ES	▲	▲
PEMBERTON ES	▲	▲
PINCHBECK ES	▼	▼
RATCLIFFE ES	▼	▼
RIDGE ES	▬	▬
RIVERS EDGE ES	▬	▬
SANDSTON ES	▬	▬
SEVEN PINES ES	▲	▲
SHADY GROVE ES	▼	▼
SHORT PUMP ES	▲	▲
SKIPWITH ES	▲	▲
SPRINGFIELD PARK ES	▼	▼
THREE CHOPT ES	▬	▬
TREVVETT ES	▲	▲
TUCKAHOE ES	▬	▬
TWIN HICKORY ES	▼	▼
WARD ES	▲	▲
Total	▼	▼

Elementary School Expected Students from Developments

Elementary School	2019-20 Boundary Expected ES Students	Option C Expected ES Students
ADAMS ES	67	67
ASHE ES	25	61
BAKER ES	33	33
CARVER ES		
CHAMBERLAYNE ES	8	8
COLONIAL TRAIL ES	182	186
CRESTVIEW ES		
DAVIS ES	8	8
DONAHOE ES	78	42
DUMBARTON ES	36	36
ECHO LAKE ES	2	2
FAIR OAKS ES	10	10
GAYTON ES	2	2
GLEN ALLEN ES	8	8
GLEN LEA ES		
GREENWOOD ES	293	8
HARVIE ES	42	42
HIGHLAND SPRINGS ES	14	14
HOLLADAY ES	32	39
JOHNSON ES	9	2
KACHELE ES	41	49
LABURNUM ES		
LAKESIDE ES	7	7
LONGAN ES	0	
LONGDALE ES	73	73
MAYBEURY ES	352	9
MEHFOUD ES & VARIAN ES	417	417
MONTROSE ES	31	31
NEW SCHOOL		284
NUCKOLS FARM ES	22	22
PEMBERTON ES		
PINCHBECK ES		343
RATCLIFFE ES	0	0
RIDGE ES	1	1
RIVERS EDGE ES	347	78
SANDSTON ES		
SEVEN PINES ES	15	15
SHADY GROVE ES	2	2
SHORT PUMP ES		
SKIPWITH ES	9	9
SPRINGFIELD PARK ES	8	277
THREE CHOPT ES		
TREVVETT ES	13	13
TUCKAHOE ES	6	6
TWIN HICKORY ES	28	17
WARD ES	161	161
Total	2381	2381

Note: Counts of individual schools may not add up to the total due to rounding.

Middle School Option Enrollment Trends

Middle School	2019-20 Boundaries Enrollment Trend	Option C Enrollment Trend
BROOKLAND MS	▲	▲
ELKO MS	▬	▼
FAIRFIELD MS	▬	▼
HOLMAN MS	▼	▲
HUNGARY CREEK MS	▼	▲
L. DOUGLAS WILDER MS	▬	▼
MOODY MS	▼	▼
POCAHONTAS MS	▬	▼
QUIOCCASIN MS	▲	▼
ROLFE MS	▼	▼
SHORT PUMP MS	▼	▲
TUCKAHOE MS	▼	▼
Total	▼	▼

Middle School Expected Students from Developments

Middle School	2019-20 Boundary Expected MS Students	Option C Expected MS Students
BROOKLAND MS	72	213
ELKO MS	150	57
FAIRFIELD MS	76	76
HOLMAN MS	159	21
HUNGARY CREEK MS	155	10
L. DOUGLAS WILDER MS	0	5
MOODY MS	19	19
POCAHONTAS MS	1	65
QUIOCCASIN MS	51	4
ROLFE MS	251	344
SHORT PUMP MS	108	224
TUCKAHOE MS	143	148
Total	1186	1186

Note: Counts of individual schools may not add up to the total due to rounding.

High School Option Enrollment Trends

High School	2019-20 Boundaries Enrollment Trend	Option C Enrollment Trend	Option D Enrollment Trend
DEEP RUN HS	▼	▼	▼
FREEMAN HS	▼	▼	▼
GLEN ALLEN HS	▼	▲	▼
GODWIN HS	▼	▼	▼
HENRICO HS	▼	▼	▼
HERMITAGE HS	▼	▼	▼
HIGHLAND SPRINGS HS	▼	▬	▬
TUCKER HS	▲	▲	▲
VARINA HS	▼	▼	▼
Total	▼	▼	▼

High School Option Expected Students from Developments

High School	2019-20 Boundary Expected HS Students	Option C Expected HS Students	Option D Expected HS Students
DEEP RUN HS	149	149	149
FREEMAN HS	168	161	168
GLEN ALLEN HS	347	163	163
GODWIN HS	2	44	2
HENRICO HS	2	65	58
HERMITAGE HS	103	244	244
HIGHLAND SPRINGS HS	160	161	161
TUCKER HS	76	20	61
VARINA HS	440	440	440
Total	1447	1447	1447

Live-Attend Matrix

The table below gives details on the schools that students attend and the school zones where they live. The schools of attendance are listed on the left while the zones where students live are listed on the top line. This student data is from September 30th, 2019 Henrico County Public Schools 2019-20 student database.

The first column of numbers to the right of the schools of attendance represents the number of students enrolled at that school. The first row of numbers below the zones where students live represents the total number of students living inside of that zone. The green-colored numbers represent the number of students who live in the zone and attend their zoned school. All other numbers represent students who attend school outside of the zone that they live in. The bottom row represents the number of students that "Live-In and Attend-Out" by school. The blue-colored cell shows the total number of students that "Live-in and Attend-Out". The farthest right column represents the number of students that "Live-Out and Attend-In" by school. The orange-colored cell shows the total number of students that "Live-Out and Attend-In".

Where K-5th Students Attend

HENRICO COUNTY PUBLIC SCHOOLS, VA
REDISTRICTING PROJECT FOR 2021: BACKGROUND REPORT, APPENDIX A: LIVE-ATTEND ANALYSIS

Where 6-8th Students Attend

		Where 6-8th Students Live												
		BROOKLAND	ELKO	FAIRFIELD	HOLMAN	HUNGARY CREEK	L. DOUGLAS WILDER	MOODY	POCAHONTAS	QUIOCCASIN	ROLFE	SHORT PUMP	TUCKAHOE	Out of District or Unmatched
		1258	836	911	994	1050	644	536	986	1215	958	1468	1105	42
Brookland Middle	1214	1172	6	3	1	5	6	13			2		2	4
Elko Middle	762		737	6			1			1	7			10
Fairfield Middle	1092	10	73	868			41	3			89		1	7
Holman Middle	937				820	4			1	2		107	1	2
Hungary Creek Middle	989	8		1	26	946	2		1	2	1		1	1
L. Douglas Wilder Middle	832	34	15	31	15	18	588	53	8	15	17	24	8	6
George H. Moody Middle	1129	24		1	127	75	4	467	67	75	1	285	1	2
Pocahontas Middle	911		1						901	8			1	
Quioccasin Middle School	1113				1	2			5	1098			2	5
John Rolfe Middle	851	1	4				2				841		1	2
Short Pump Middle	1070	1		1	3				3	5		1052	2	3
Tuckahoe Middle	1103	8			1					9			1085	
Live-In Attend Out(6-8th)	1386	86	99	43	174	104	56	69	85	117	117	416	20	

Where 9-12th Students Attend

		Where 9-12th Students Live									
		DEEP RUN	FREEMAN	GLEN ALLEN	GODWIN	HENRICO	HERMITAGE	HIGHLAND SPRINGS	TUCKER	VARINA	Out of District or Unmatched
		2140	1863	2014	1859	1069	1599	1752	1353	1652	
Deep Run High	1765	1617	18	45	53	6	5	2	10	5	4
Douglas S. Freeman High	1823	60	1681	18	32	5	8	1	8	6	4
Glen Allen High	1904	60	25	1709	41	3	27	6	13	16	4
Mills E. Godwin High	1807	120	24	28	1612	1	7	2	8	1	4
Henrico High	1511	141	18	74	38	981	64	77	25	80	13
Hermitage High	1594	29	32	14	31	16	1415	17	21	12	7
Highland Springs High	1826	14	8	13	11	37	20	1576	14	120	13
John Randolph Tucker High	1672	97	54	110	39	12	47	16	1252	41	4
Varina High	1453	2	3	3	2	8	6	55	2	1371	1
Live-In Attend Out(9-12th)	2087	523	182	305	247	88	184	176	101	281	

Assessment of Options C and D: Adherence to Guiding Principles and Redistricting Criteria (ES/MS/HS)

Goals		
	Option C	Option D
Efficiently use all available space and to plan for future growth.	<ul style="list-style-type: none"> In ES/MS/HS Option C, schools on average have less disparity among their utilization than current zones HS Option C ensures no high school is over 100% utilization 	<ul style="list-style-type: none"> HS Option D ensures no high school is over 100% utilization
Determine attendance boundaries for the expanded Holladay Elementary School.	<ul style="list-style-type: none"> Holladay is at 83% utilization (option average is 84%) 	
Account for the increased building capacity available when replacements for Highland Springs High School and J. R. Tucker High School open on their current sites for the 2021-22 school year.	<ul style="list-style-type: none"> Highland Springs is at 89% utilization and Tucker is at 85% utilization (option average is 89%) 	<ul style="list-style-type: none"> Highland Springs is at 89% utilization and Tucker is at 90% utilization (option average is 89%)
Reduce concentrations of poverty while balancing a neighborhood or community school concept.	<ul style="list-style-type: none"> On average, ES Option C does not reduce poverty concentrations as compared to current zones On average, MS and HS Option C do not change poverty concentrations as compared to current zones 	<ul style="list-style-type: none"> On average, HS Option D does not change poverty concentrations as compared to current zones
Procedural Guidelines		
	Option C	Option D
Major roads and natural boundaries will be used when feasible to define attendance zones.	<ul style="list-style-type: none"> Options better align with major roads and natural boundaries in many cases, where in other cases they don't 	<ul style="list-style-type: none"> Option better aligns with major roads and natural boundaries in many cases, where in other cases they don't
All reasonable efforts should be made to ensure contiguous geographic zones which minimize division of clearly identifiable community components (e.g. apartment units, residential subdivisions).	<ul style="list-style-type: none"> All zones are contiguous Community component splits are minimized and still under review 	<ul style="list-style-type: none"> All zones are contiguous Community component splits are minimized and still under review
All legal and judicial guidelines for the maintenance of a unitary school system will be strictly adhered to.	<ul style="list-style-type: none"> Consistent with existing legal and judicial guidelines 	<ul style="list-style-type: none"> Consistent with existing legal and judicial guidelines
Efforts will be made to establish walking schools and reasonable walking zones where feasible.	<ul style="list-style-type: none"> Non-transport zone students were not moved for ES/MS/HS Option C 	<ul style="list-style-type: none"> Non-transport zone students were not moved for HS Option D
Efforts will be made to ensure an efficient system of school bus transportation.	<ul style="list-style-type: none"> HCPS Transportation will be consulted On average, distances from home to school increased for ES Option C as compared to current zones On average, distances from home to school decreased for MS/HS Option C as compared to current zones 	<ul style="list-style-type: none"> HCPS Transportation will be consulted On average, distances from home to school stayed the same for HS Option D as compared to current zones
Provisions should be made to ensure the continuity of a child's K-12 progress. This may be accomplished by offering older students in a school the option to remain at an existing school if parents provide transportation.	<ul style="list-style-type: none"> HCPS grandfathering policy: rising 5th, 8th, 11th, and 12th graders There was an increase in small ES to MS feeder pattern splits as compared to current zones There was an increase in small MS to HS feeder pattern splits as compared to current zones 	<ul style="list-style-type: none"> HCPS grandfathering policy: rising 5th, 8th, 11th, and 12th graders There was an increase in small MS to HS feeder pattern splits as compared to current zones
Implementation of a rezoning plan over a	<ul style="list-style-type: none"> Included zone for new elementary 	

span of several years would be preferable if it has the effect of minimizing the need for additional line changes for a community in the near or immediate future.

school that if funded would open in 2022 and populated it with 252 students

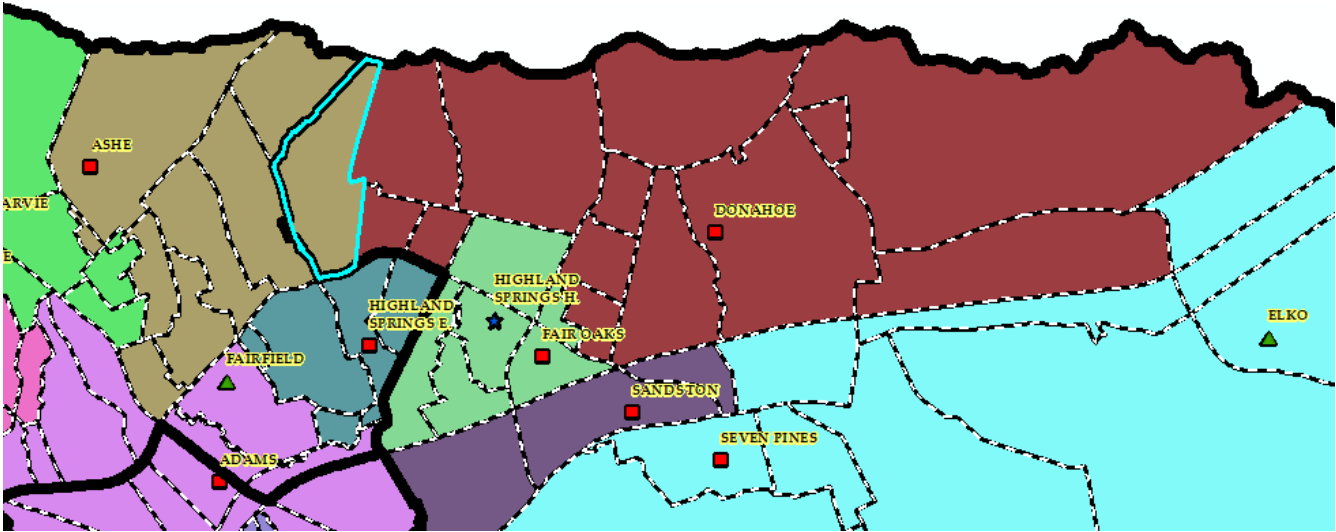
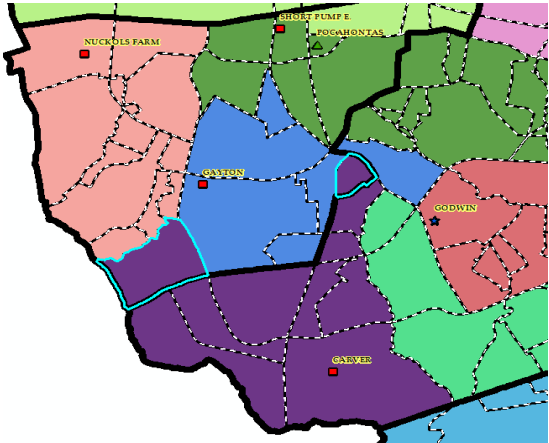
- Included Hungary Creek expansion that if funded would increase capacity by 164 students by 2022 (72% utilization)

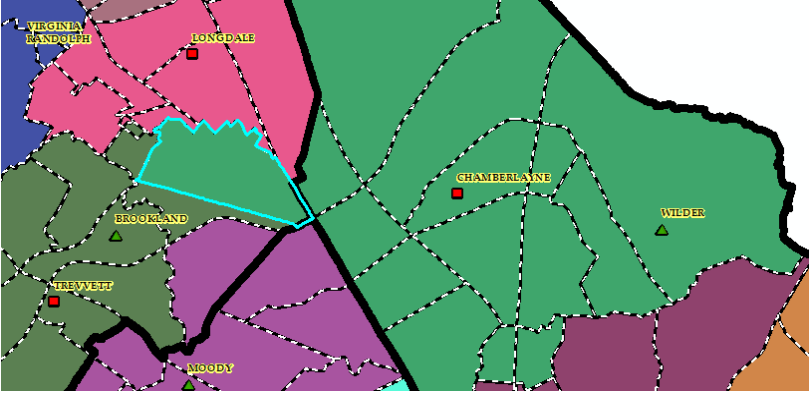
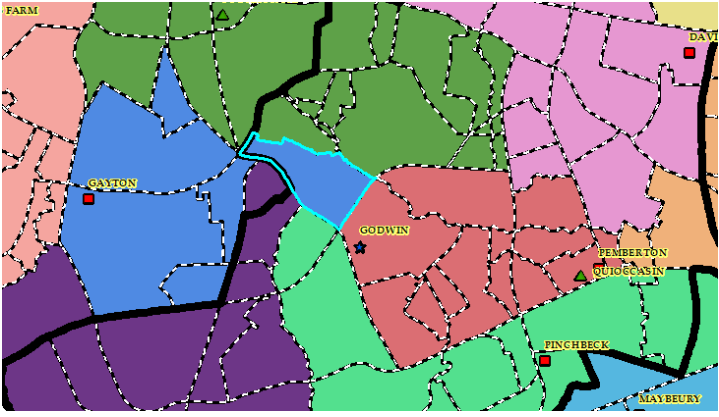
Assessment of Options C and D: Adherence to Guiding Principles and Redistricting Criteria

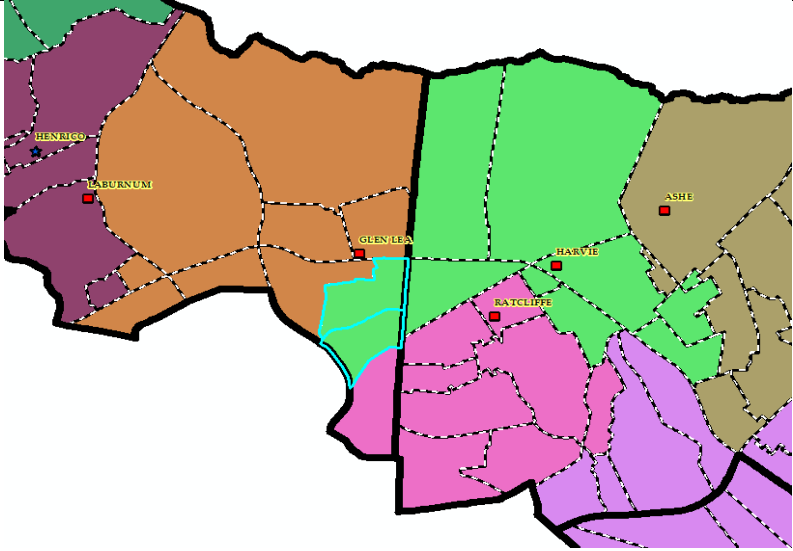
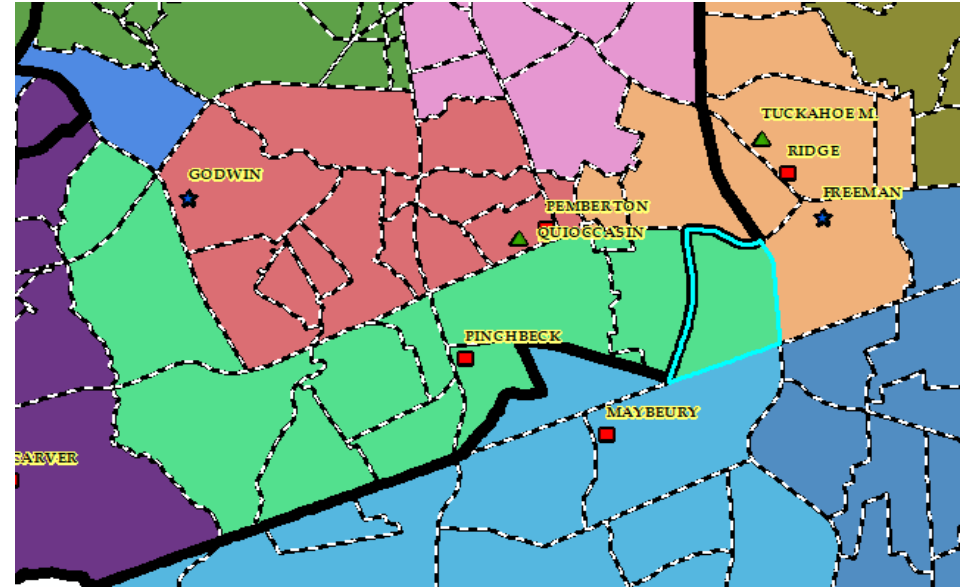
	Current Zones	Option C	Option D
Elementary			
Total students impacted	N/A	1,545	
Utilization score	67	52	
Average student transportation distance (miles)	1.462	1.482	
Economic diversity score	98	108	
ES to MS feeder score	17	23	
Middle			
Total students impacted	N/A	1,502	
Utilization score	10	14	
Average student transportation distance (miles)	2.833	2.775	
Economic diversity score	26	25	
MS to HS feeder score	21	22	22
High			
Total students impacted	N/A	1,092	784
Utilization score	18	6	4
Average student transportation distance (miles)	2.677	2.651	2.677
Economic diversity score	17	17	18

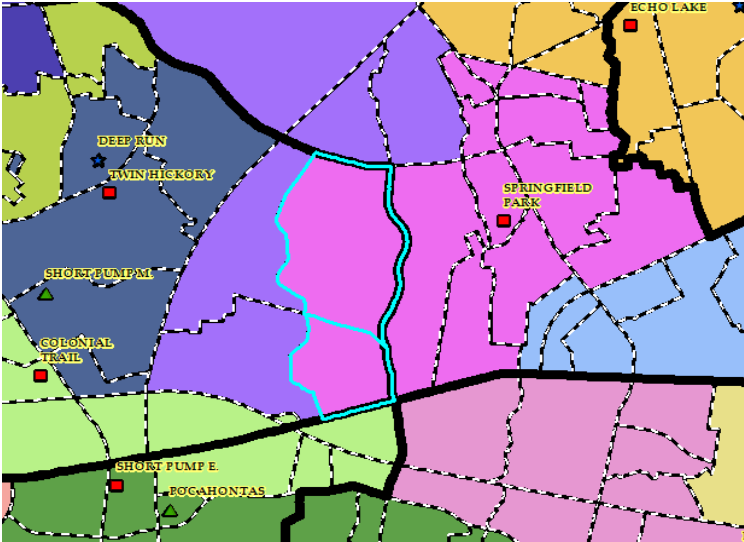
Note: For scores, lower values indicate that the option better adheres to the guidelines. Points are added based on the extent to which a school differs from the district average, and therefore lower scores indicate the school more closely reflects the district average while higher scores indicate schools diverge from the district average.

Option C: Small Feeder Pattern Splits

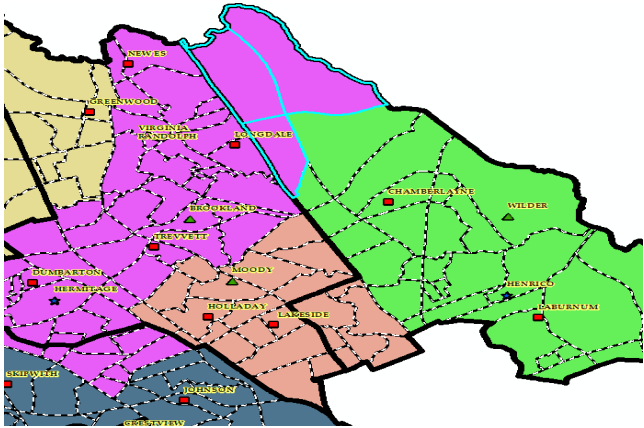
Area	Feeder Split
	ES/MS Option C: ES to MS feeder split Ashe to Elko, 10%
	ES/MS Option C: ES to MS feeder split Carver to Pocahontas, 13%

 <p>A map of Henrico County showing school district boundaries. A specific area is highlighted in green, representing the ES to MS feeder split from Chamberlayne to Brookland, accounting for 9% of the population. The map includes labels for Virginia, Longdale, Brookland, Chamberlayne, Wilder, Trevvett, and Moody.</p>	<p>ES/MS Option C: ES to MS feeder split Chamberlayne to Brookland, 9%</p>
 <p>A map of Henrico County showing school district boundaries. A specific area is highlighted in blue, representing the ES to MS feeder split from Gayton to Quioccasin, accounting for 12% of the population. The map includes labels for Farm, Gayton, Godwin, Pemberton, Quioccasin, Pinchbeck, and Mayberry.</p>	<p>ES/MS Option C: ES to MS feeder split Gayton to Quioccasin, 12%</p>

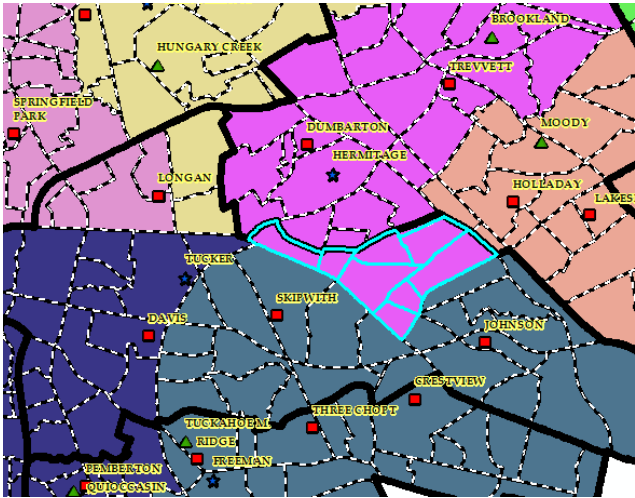
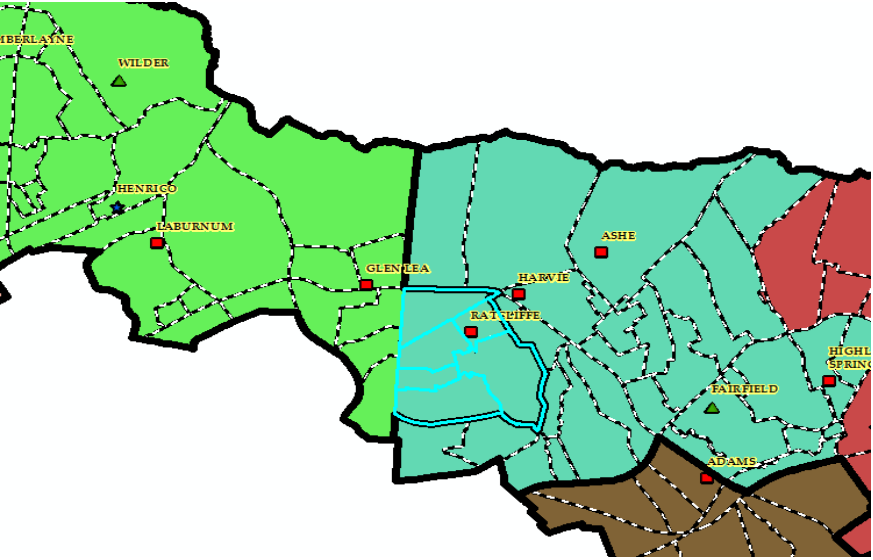
	<p>ES/MS Option C: ES to MS feeder split Harvie to Wilder, 14%</p>
	<p>ES/MS Option C: ES to MS feeder split Pinchbeck to Tuckahoe, 7%</p>

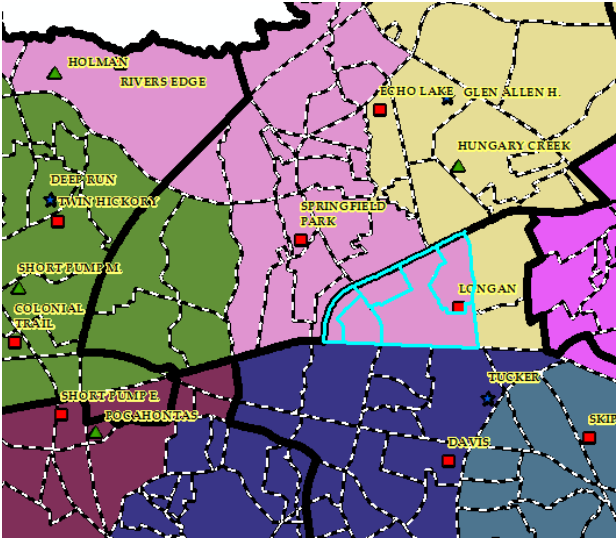
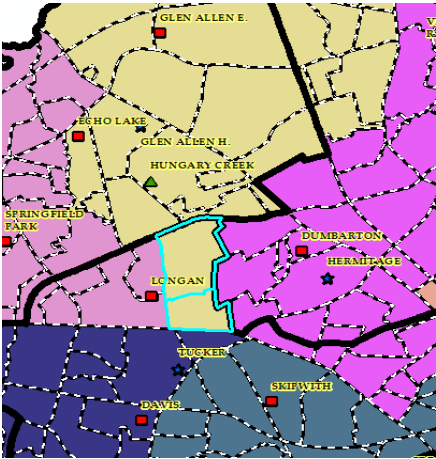


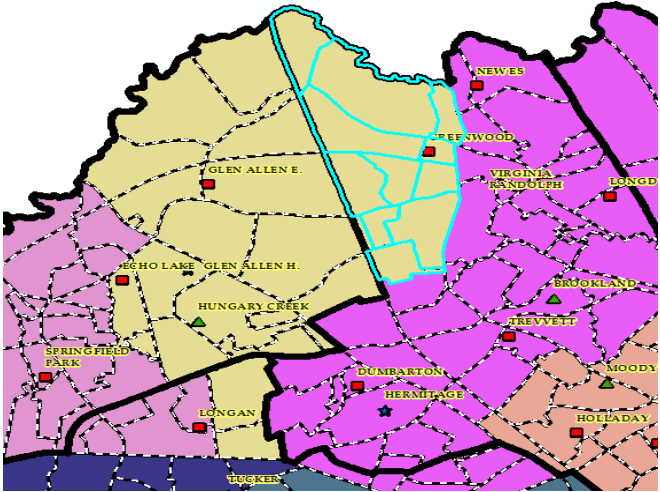
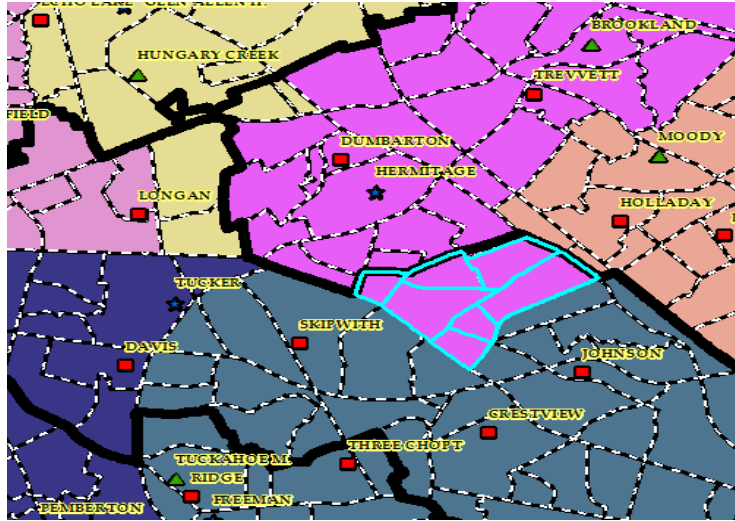
ES/MS Option C:
ES to MS feeder split
Springfield to Short
Pump, 9%

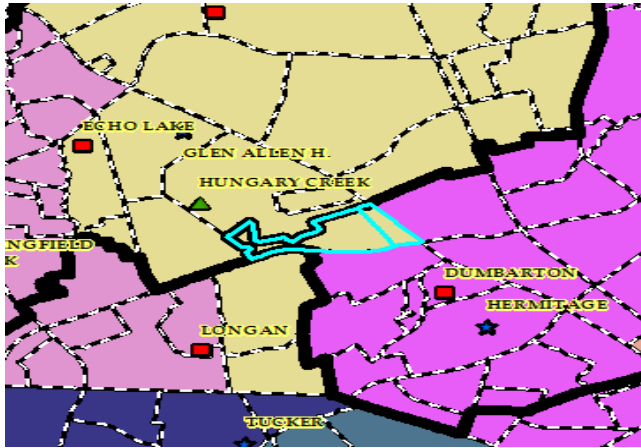


MS Option C and
HS Option C/D:
MS to HS feeder
split Brookland to
Henrico, 6%

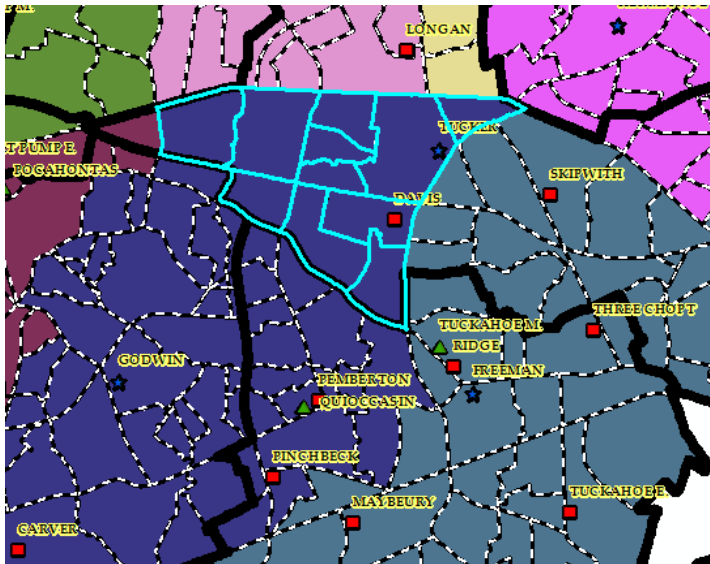
	<p>MS/HS Option C: MS to HS feeder split Brookland to Tucker, 18%</p>
	<p>MS/HS Option C and HS Option D: MS to HS feeder split Fairfield to Henrico, 19%</p>

	<p>MS/HS Option C: MS to HS feeder split Holman to Tucker, 17%</p>
	<p>MS Option C and HS Option C/D: MS to HS feeder split Hungary Creek to Tucker, 9%</p>

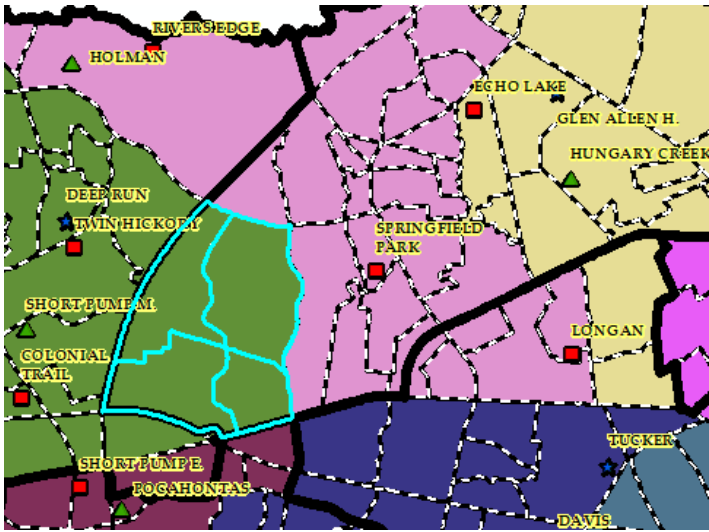
	<p>MS/HS Option C: MS to HS feeder split Hungary Creek to Hermitage, 19%</p>
	<p>MS Option C and HS Option D: MS to HS feeder split Brookland to Tucker, 17%</p>

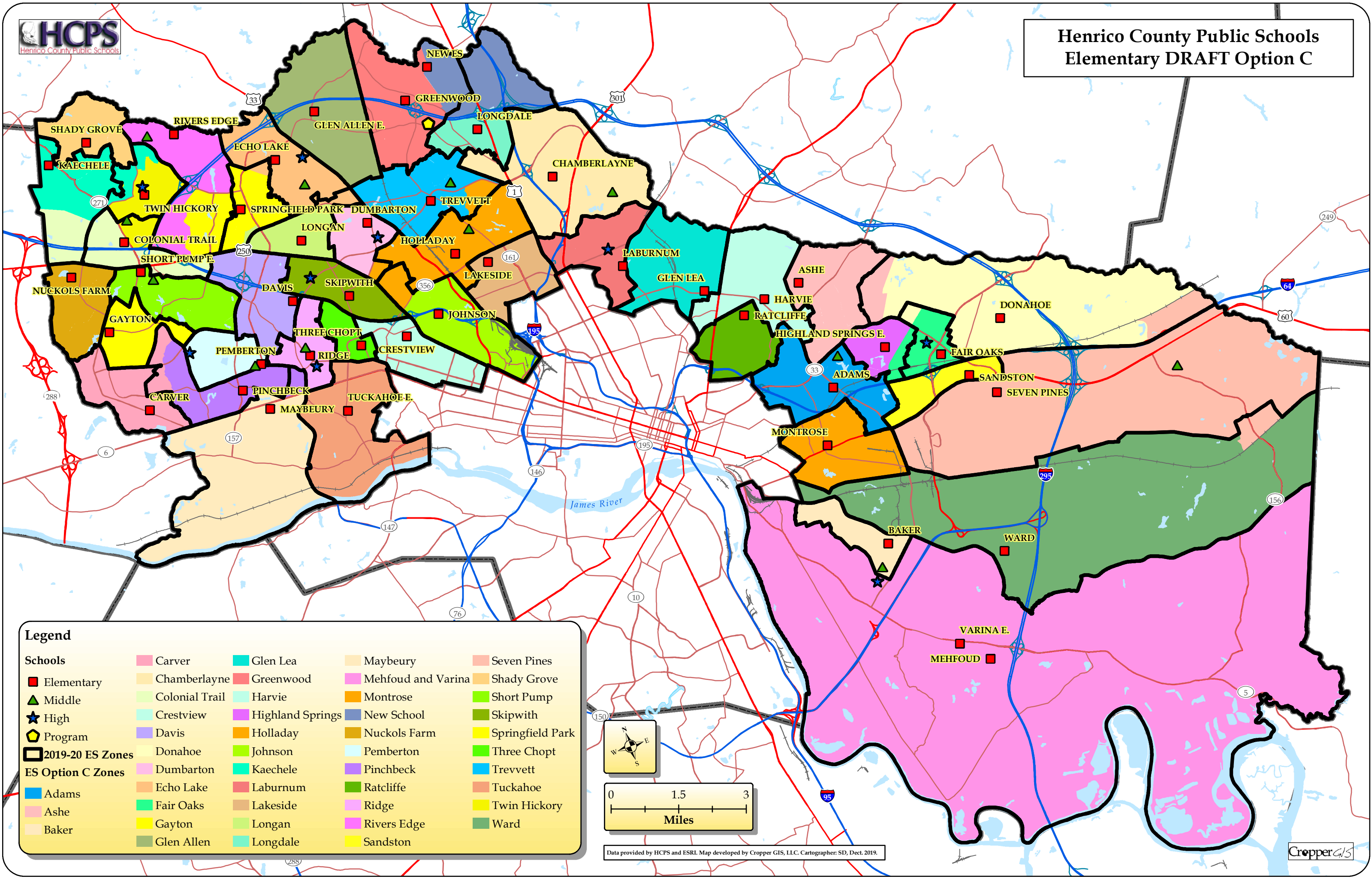


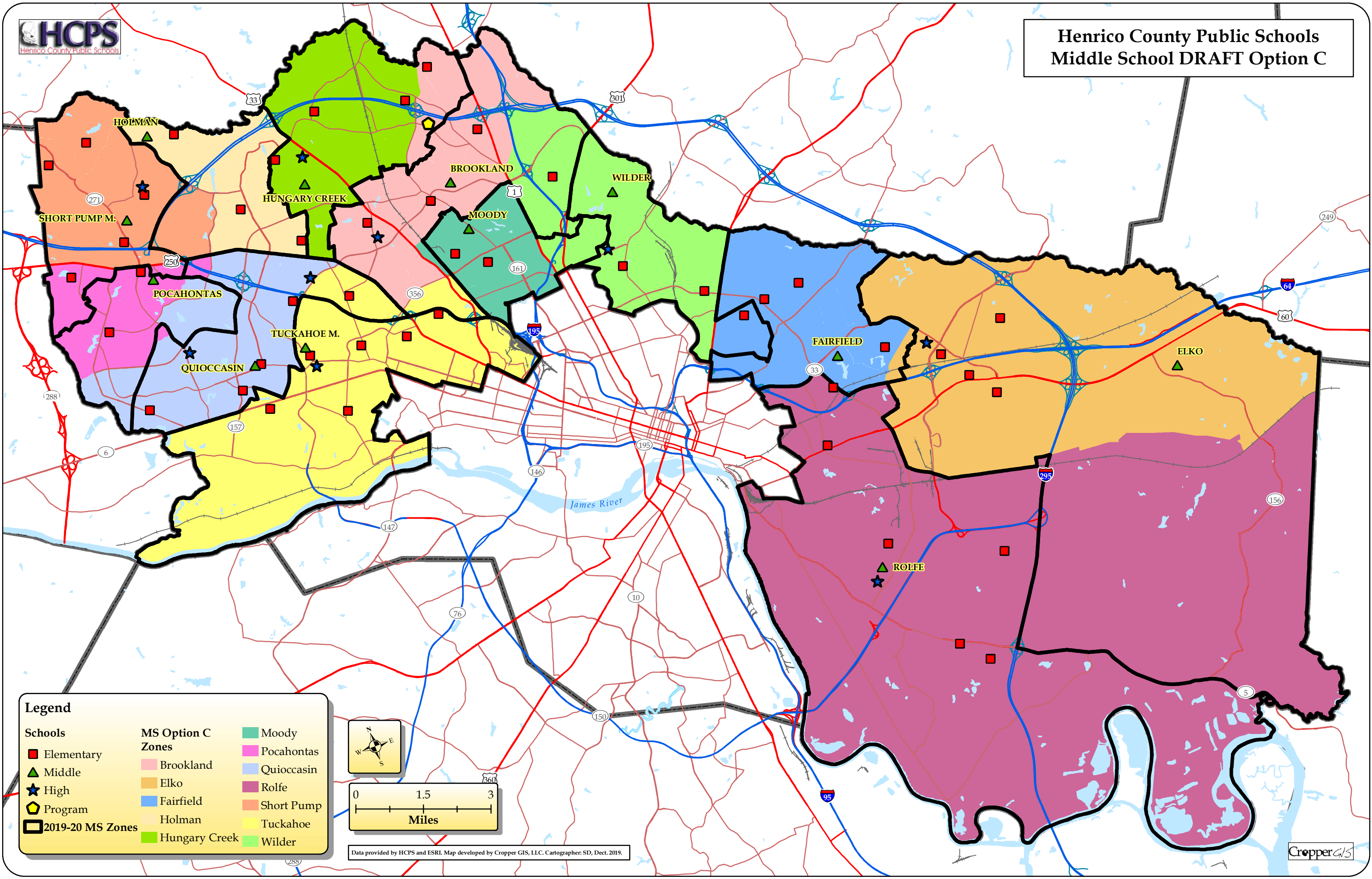
MS Option C and
 HS Option D:
 MS to HS feeder
 split Hungary Creek
 to Hermitage, 4%



MS Option C and
 HS Option D:
 MS to HS feeder
 split Quioccasin to
 Tucker, 19%

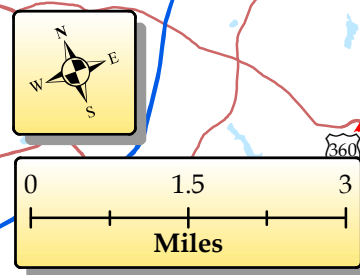
	<p>MS Option C and HS Option C/D: MS to HS feeder split Short Pump to Glen Allen, 11%</p>
---	---



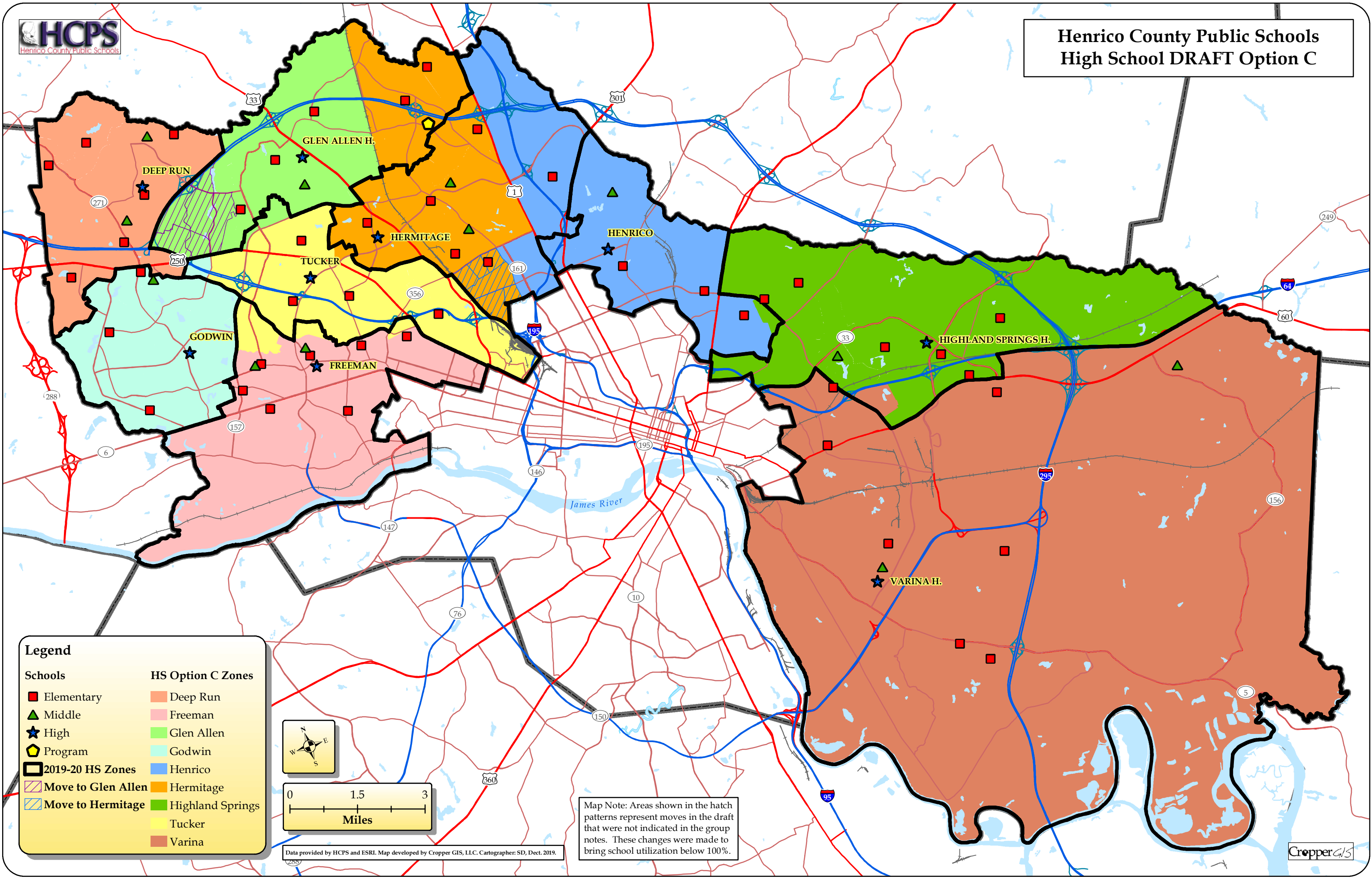


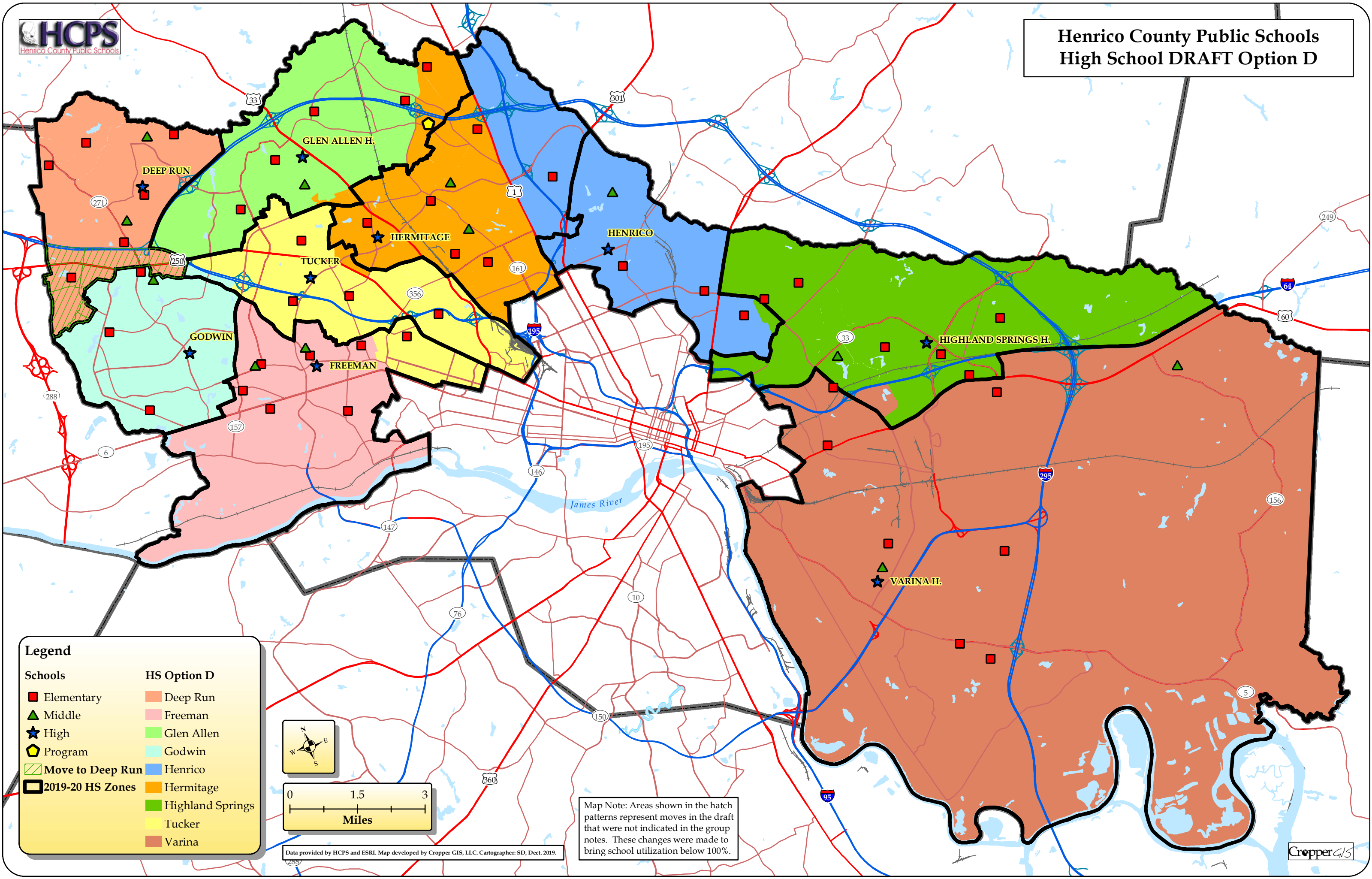
Legend

Schools	MS Option C Zones	
■ Elementary	■ Brookland	■ Moody
▲ Middle	■ Elko	■ Pocahontas
★ High	■ Fairfield	■ Quioccasin
◆ Program	■ Holman	■ Rolfe
■ 2019-20 MS Zones	■ Hungary Creek	■ Short Pump
		■ Tuckahoe
		■ Wilder



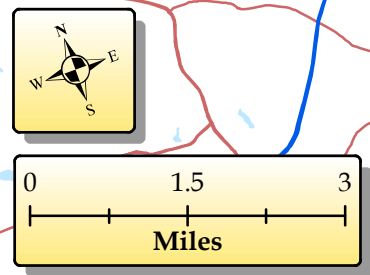
Data provided by HCPS and ESRI. Map developed by Cropper GIS, LLC. Cartographer: SD, Dec. 2019.





Legend

Schools	HS Option D
■ Elementary	Deep Run
▲ Middle	Freeman
★ High	Glen Allen
⬡ Program	Godwin
▨ Move to Deep Run	Henrico
▭ 2019-20 HS Zones	Hermitage
	Highland Springs
	Tucker
	Varina



Data provided by HCPS and ESRI. Map developed by Cropper GIS, LLC. Cartographer: SD, Dec. 2019.

Map Note: Areas shown in the hatch patterns represent moves in the draft that were not indicated in the group notes. These changes were made to bring school utilization below 100%.