



Boundary Adjustment

Steering Committee
Meeting #1: Feb. 16,
2022





AGENDA



- I. Introductions
- II. Process & Timeline
- II. Background Data
- III. Boundary Development Exercise
- IV. Next Steps



INTRODUCTIONS



COOPERATIVE STRATEGIES – National K-12 Consulting Firm

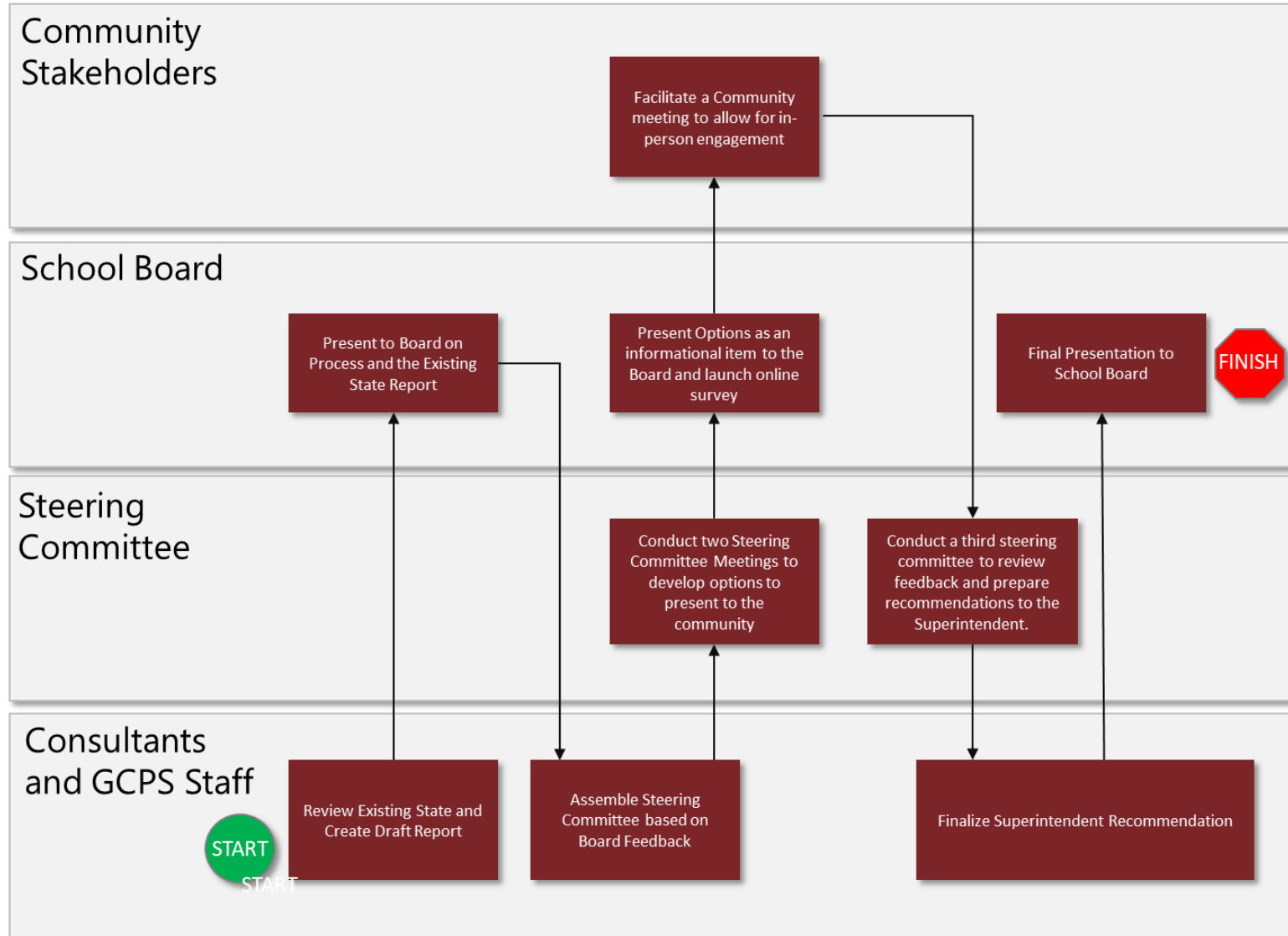
Matt Sachs – Senior Associate Director



- 10 years of redistricting experience
- Recent Clients:
 - Carmel – Clay Community Schools, IN
 - Center Grove Community Schools, IN
 - Duluth Public Schools, MN
- Goochland County Schools Facility Plan - 2017



PROCESS OVERVIEW





TIMELINE



Boundary Adjustment Timeline Goochland County Public Schools	Week of:																		
	3-Jan	10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	14-Feb	21-Feb	28-Feb	7-Mar	14-Mar	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	25-Apr	2-May	9-May
Perform Background Data Collection & Analysis	█	█	█	█	█	█													
Perform Enrollment Projections & Housing Analysis	█	█	█	█	█	█													
Create/Support a Project Website	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Boundary Adjustment Committee #1							16-Feb												
Boundary Adjustment Committee #2										2-Mar									
Boundary Survey										March 9 - March 23									
Community Meeting											16-Mar								
Boundary Adjustment Committee #3																13-Apr			
Boundary Adjustment Committee #4 (if needed)																	20-Apr		
Present Recommendation to School Board																			10-May

- Steering Committee #1: February 16 - Goochland HS Room 143
- Steering Committee #2: March 2 - Goochland HS Room 143
- **Community Dialogue:** March 16 – Goochland HS Auditorium
- Steering Committee #3: April 13- Goochland HS Room 143
- Steering Committee #4 (if needed): April 20 - Goochland HS Room 143
- **Board Meeting to Present Recommendations: May 10 – Board Room**



PROJECT WEBSITE



<https://coopstratprojects.com/gcps/>

- Presentations
- Questionnaires
- School Locator
- Background Information
- Schedule



HOME

Home

Process & Timeline

Resources

Home

Welcome to the Goochland County Public Schools Boundary Adjustment Website. This space will serve as the resource for all information related to the process. This site will be updated regularly throughout the process. Please check back often for new information.



BOUNDARY ADVISORY COMMITTEE



Why are we here:

- Goochland ES is being replaced to provide a better learning environment
- Replaced at a larger size to better balance utilization across the Division
- Current total elementary utilization is 98%
- Additional capacity will reduce total utilization to 74%

Current Boundary	Current Student Live-In	Current Capacity	Current Live-In Utilization
Byrd ES	283	313	90.4%
Goochland ES	297	316	94.0%
Randolph ES	437	409	106.8%
Total	1,017	1,038	98.0%



BOUNDARY ADVISORY COMMITTEE



Role of the Committee

- Keep an objective view and consider the needs of ALL STUDENTS.
- Develop boundary options and recommendations in coordination with consultants and Division Staff
- Inform the community about the process
- Attend 3-4 two-hour meetings

Role of the Community

- Provide feedback on concepts and options presented by the Division and committee
- Not a vote



BOUNDARY CONSIDERATIONS



Boundary Considerations (all to the greatest degree possible):

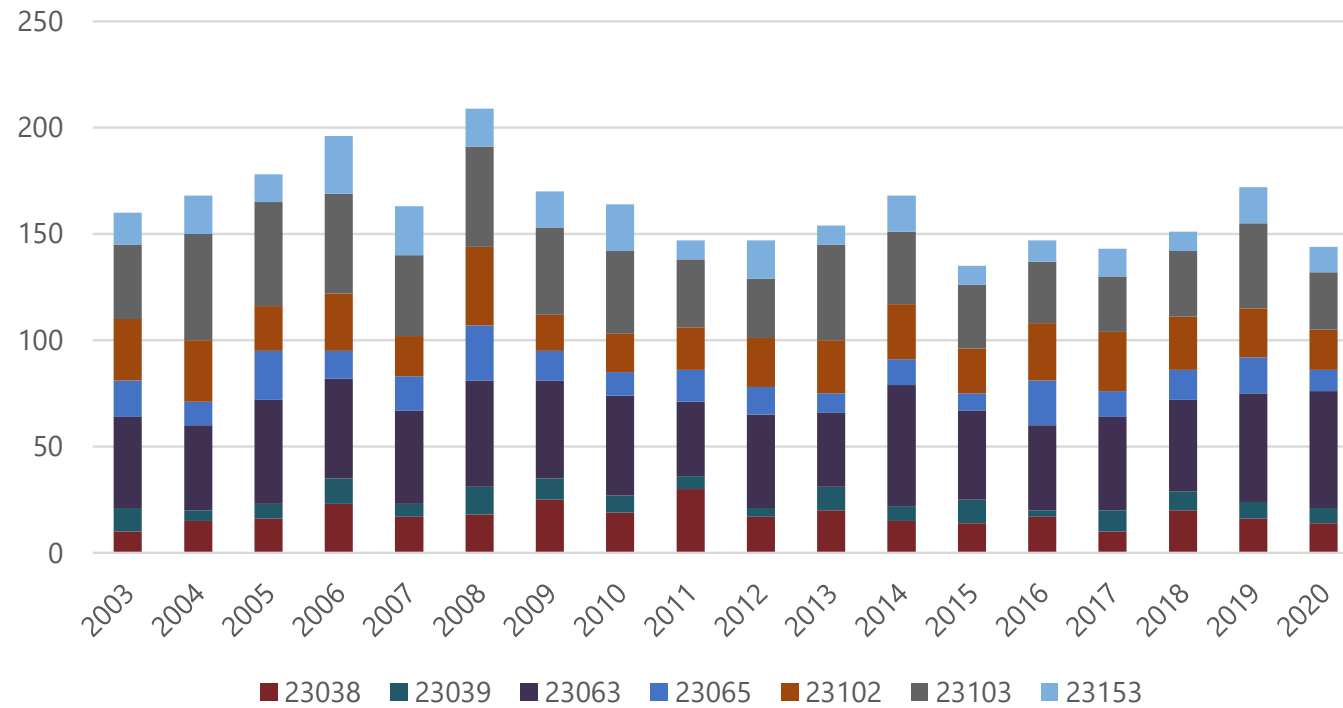
- Keep neighborhoods intact
- Balanced demographics
- Balance facility utilization relative to projected enrollment
- Proximity to school
- Create lasting boundaries (attempt to avoid repeat redistricting)
- Transportation



BIRTH DATA



GOOCHLAND COUNTY PUBLIC SCHOOLS ZIP CODES RESIDENT LIVE BIRTH COUNTS





DIVISION-WIDE ENROLLMENT



Historical Enrollment - District-wide

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
PK	21	19	18	45	80	88	91	88	79	94
K	159	188	141	184	150	189	173	163	142	149
1	152	165	195	160	187	158	192	171	170	153
2	165	169	171	203	163	184	169	185	162	172
3	159	176	173	185	219	173	183	176	193	173
4	177	171	181	187	191	210	176	188	178	203
5	182	187	169	196	189	200	207	176	188	178
6	207	192	195	179	203	206	203	221	181	187
7	180	203	200	195	182	207	216	202	235	189
8	196	180	202	201	207	193	212	217	197	233
9	227	211	191	233	217	211	215	221	225	221
10	184	201	196	188	227	219	213	208	212	218
11	165	174	199	184	185	217	203	200	207	207
12	169	182	187	216	197	200	223	203	212	218
K - 12 Total	2,322	2,399	2,400	2,511	2,517	2,567	2,585	2,531	2,502	2,501
Grand Total	2,343	2,418	2,418	2,556	2,597	2,655	2,676	2,619	2,581	2,595

Source: Goochland County Public Schools

Historical Enrollment - District-wide

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
PK	21	19	18	45	80	88	91	88	79	94
K - 5	994	1,056	1,030	1,115	1,099	1,114	1,100	1,059	1,033	1,028
6 - 8	583	575	597	575	592	606	631	640	613	609
9 - 12	745	768	773	821	826	847	854	832	856	864
K - 12 Total	2,322	2,399	2,400	2,511	2,517	2,567	2,585	2,531	2,502	2,501
Grand Total	2,343	2,418	2,418	2,556	2,597	2,655	2,676	2,619	2,581	2,595

Source: Goochland County Public Schools

Projected Enrollment - Recommended - District-wide

Grade	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
PK	94	94	94	94	94	94	94	94	94	94
K	155	161	184	160	168	168	168	168	168	168
1	154	162	168	190	166	174	174	174	174	174
2	152	153	159	166	188	164	172	172	172	172
3	179	157	159	165	171	196	171	180	180	180
4	177	183	161	162	169	175	201	173	183	183
5	205	178	184	162	164	171	177	202	175	185
6	183	211	183	189	167	168	176	181	207	180
7	195	191	220	191	197	174	175	183	189	216
8	189	195	191	220	192	198	175	175	184	190
9	249	202	209	204	235	204	211	186	187	196
10	214	241	196	202	198	228	198	205	181	182
11	213	210	236	192	198	194	223	194	200	177
12	217	224	220	247	201	208	203	234	204	210
K - 12 Total	2,482	2,468	2,470	2,450	2,414	2,422	2,424	2,427	2,404	2,413
Grand Total	2,576	2,562	2,564	2,544	2,508	2,516	2,518	2,521	2,498	2,507

Source: Cooperative Strategies

Projected Enrollment - Recommended - District-wide

Grade	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
PK	94	94	94	94	94	94	94	94	94	94
K - 5	1,022	994	1,015	1,005	1,026	1,048	1,063	1,069	1,052	1,062
6 - 8	567	597	594	600	556	540	526	539	580	586
9 - 12	893	877	861	845	832	834	835	819	772	765
K - 12 Total	2,482	2,468	2,470	2,450	2,414	2,422	2,424	2,427	2,404	2,413
Grand Total	2,576	2,562	2,564	2,544	2,508	2,516	2,518	2,521	2,498	2,507

Source: Cooperative Strategies



DIVISION-WIDE ENROLLMENT



Historical Enrollment - by School

School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Trend
Byrd Elementary	282	298	285	323	333	362	344	312	290	300	
Goochland Elementary	339	339	331	347	366	353	360	356	349	361	
Randolph Elementary	394	438	432	490	480	487	487	479	473	461	
Goochland Middle	583	575	597	575	592	606	631	640	613	609	
Goochland High	745	768	773	821	826	847	854	832	856	864	
Total	2,343	2,418	2,418	2,556	2,597	2,655	2,676	2,619	2,581	2,595	

Source: Goochland County Public Schools

Projected PK-12 Enrollment - Recommended - by School

School	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	Trend
Byrd Elementary	292	284	296	299	313	320	330	332	331	329	
Goochland Elementary	354	339	347	355	365	374	379	387	380	380	
Randolph Elementary	470	465	466	445	442	448	448	444	435	447	
Goochland Middle	567	597	594	600	556	540	526	539	580	586	
Goochland High	893	877	861	845	832	834	835	819	772	765	
Total	2,576	2,562	2,564	2,544	2,508	2,516	2,518	2,521	2,498	2,507	

Source: Cooperative Strategies



HOUSING ANALYSIS



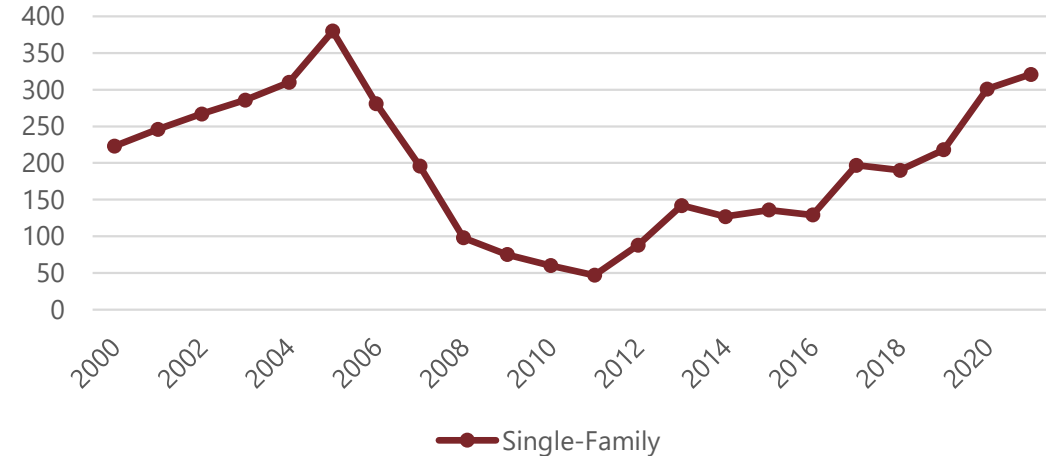
BUILDING PERMITS GOOCHLAND COUNTY

Year	Single-Family
2000	223
2001	246
2002	267
2003	286
2004	310
2005	380
2006	281
2007	196
2008	98
2009	75
2010	60
2011	47
2012	88
2013	142
2014	127
2015	136
2016	129
2017	197
2018	190
2019	218
2020	301
2021*	321

Source: SOCDs Building Permits Database

*preliminary through November 2021

GOOCHLAND COUNTY BUILDING PERMITS





HOUSING ANALYSIS



The tables below detail average single-family and multi-family yields, and number of housing units, by elementary attendance boundary

Attendance Boundary	Average Single-Family Yields				Average Multi-Family Yields			
	K-5 Yield	6-8 Yield	9-12 Yield	K-12 Yield	K-5 Yield	6-8 Yield	9-12 Yield	K-12 Yield
Byrd Elementary Zone	0.17	0.09	0.12	0.38	-	-	-	-
Goochland Elementary Zone	0.17	0.10	0.19	0.47	-	-	-	-
Randolph Elementary Zone	0.09	0.05	0.08	0.22	0.02	0.01	0.00	0.01
Division Total	0.17	0.09	0.12	0.38	0.02	0.01	0.00	0.01

Attendance Boundary	Units by Housing Type and Boundary		
	Single-Family	Multi-Family	Total
Byrd Elementary Zone	567	-	567
Goochland Elementary Zone	859	-	859
Randolph Elementary Zone	2,586	712	3,298
Division Total	4,012	712	4,724



HOUSING ANALYSIS



The tables below detail average single-family student yields by average market value of subdivisions, by elementary attendance boundary

Yields by Average Subdivision Market Value in Byrd Attendance Zone					
Market Value	Units	K-12 Yield	K-5 Yield	6-8 Yield	9-12 Yield
< 200K	116	0.46	0.24	0.09	0.13
200K - 300K	180	0.37	0.17	0.10	0.09
300K - 400K	164	0.32	0.10	0.09	0.13
400K - 500K	100	0.37	0.17	0.05	0.15
>500K	7	1.00	0.43	0.43	0.14
Byrd Total	567	0.38	0.17	0.09	0.12

Yields by Average Subdivision Market Value in Gochland Attendance Zone					
Market Value	Units	K-12 Yield	K-5 Yield	6-8 Yield	9-12 Yield
< 200K	58	0.34	0.16	0.09	0.10
200K - 300K	148	0.36	0.11	0.09	0.16
300K - 400K	339	0.45	0.19	0.07	0.18
400K - 500K	277	0.58	0.19	0.15	0.23
500K - 600K	34	0.32	0.03	0.12	0.18
>600K	3	1.33	0.00	0.33	1.00
Gochland Total	859	0.47	0.17	0.10	0.19

Yields by Average Subdivision Market Value in Randolph Attendance Zone					
Market Value	Units	K-12 Yield	K-5 Yield	6-8 Yield	9-12 Yield
< 200K	0				
200K - 300K	324	0.27	0.10	0.08	0.09
300K - 400K	360	0.30	0.15	0.06	0.09
400K - 500K	420	0.28	0.10	0.07	0.11
500K - 600K	288	0.39	0.17	0.09	0.14
600K - 700K	112	0.13	0.06	0.03	0.04
700K - 800K	246	0.17	0.07	0.05	0.06
800K - 900K	342	0.12	0.04	0.03	0.04
900K - 1M	290	0.06	0.02	0.02	0.02
>1M	204	0.08	0.02	0.02	0.04
Randolph Total	2586	0.22	0.09	0.05	0.08



HOUSING ANALYSIS

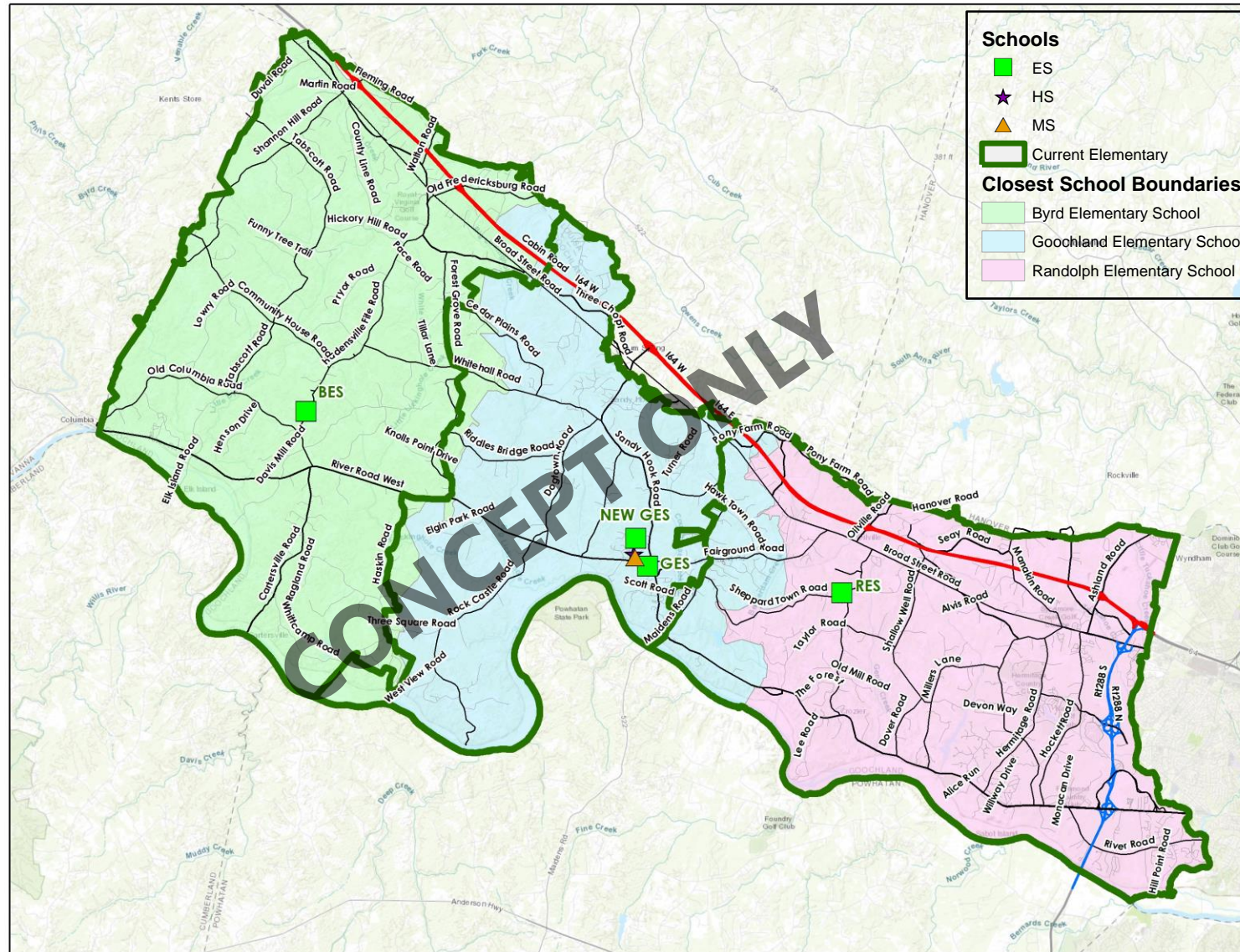


The table below details student potential for new developments, and vacant lots within current subdivisions, by grade level for all schools

Attendance Boundary	New Lots and Student Potential by Attendance Boundary				Vacant Lots in Current Subdivisions and Student Potential by Attendance Boundary				Student Potential Total
	Single-Family	Multi-Family	Total	Student Potential	Single-Family	Multi-Family	Total	Student Potential	
Byrd ES	8	-	8	1	110	-	110	18	20
Goochland ES	372	-	372	75	71	-	71	14	89
Randolph ES	537	569	1,106	54	144	-	144	13	67
ES Subtotal	917	569	1,486	131	325	0	325	45	176
Goochland MS	917	569	1,486	76	325	-	325	26	102
Goochland HS	917	569	1,486	131	325	-	325	41	171
Division Total	917	569	1,486	337	325	0	325	112	449



CLOSEST SCHOOL ANALYSIS



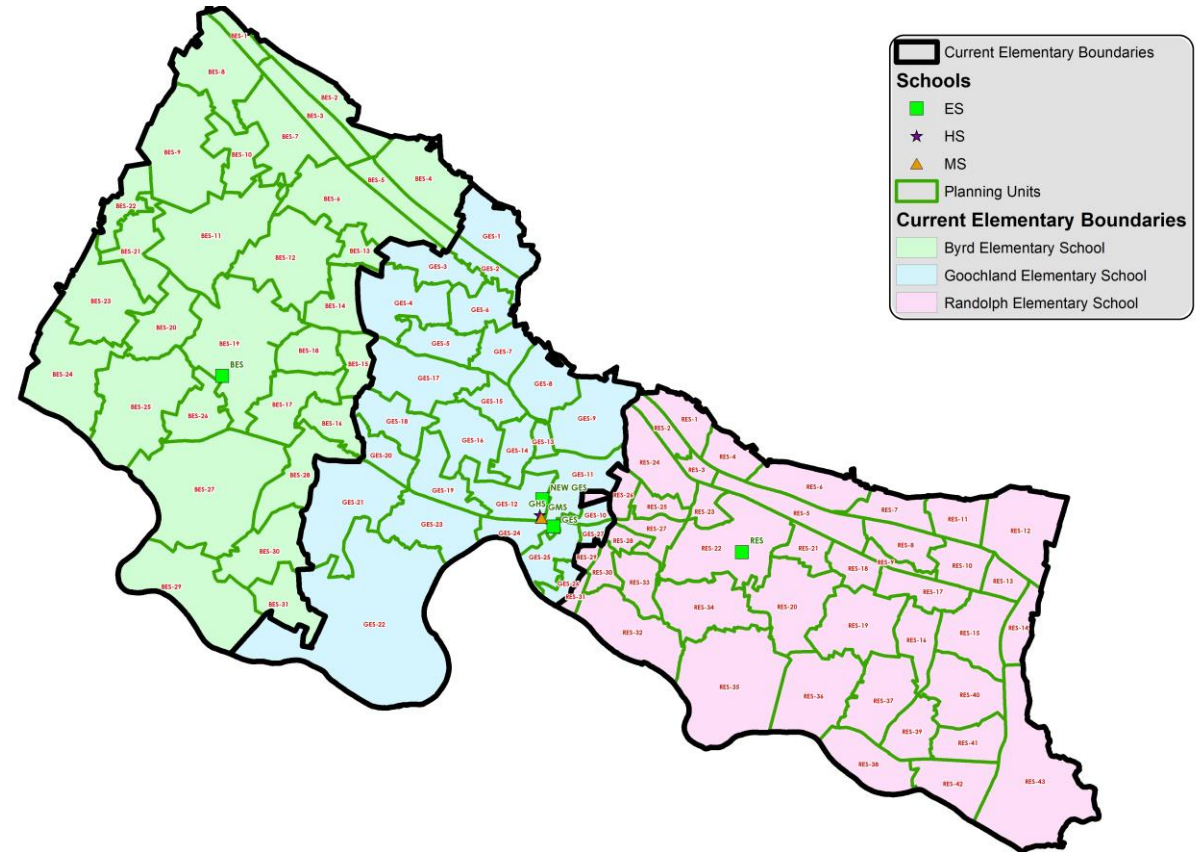


BOUNDARY DEVELOPMENT



Planning Units:

- Divided school division into 100 smaller geographical areas to make boundary adjustment process easier and more effective
- Based on current boundaries and align to subdivisions, major roads, etc.
 - Let us know if a planning unit might need adjusted





BOUNDARY DEVELOPMENT



Small Group Work:

- Begin creating boundary scenarios with tools provided (maps, excel worksheet)
- Excel worksheet allows you to reassign planning units and see impacts to enrollment, utilization, FRL%
- Blank maps provided to color in boundary options/changes

Plan Unit	Current ES	Subdivisions	K-5 Students	K-5 F/R	Proposed ES					
BES-1	Byrd ES	Deer Run, Autumn Ridge	9	3	Byrd ES	Current				
BES-10	Byrd ES	Tabscott Estates, Shannon Hill Farms	11	5	Byrd ES	School	Current K-5 Capacity	K-5 Live-In Enrollment	Utilization	F/R Lunch %
BES-11	Byrd ES	Toler Estates, Pink Dogwood	5	3	Byrd ES	Byrd ES	313	283	90.4%	38.9%
BES-12	Byrd ES	Sheltons Springs	8	3	Byrd ES	Goochland ES	316	297	94.0%	22.2%
BES-13	Byrd ES		2	0	Byrd ES	Randolph ES	409	437	106.8%	22.4%
BES-14	Byrd ES	Whitehall Creek	8	2	Byrd ES	Total	1038	1017	98.0%	26.9%
BES-15	Byrd ES		3	3	Byrd ES					
BES-16	Byrd ES	Glen on Chapel Hill, West Chapel	11	6	Byrd ES	Proposed				
BES-17	Byrd ES	George's Landing	14	6	Byrd ES	School	Updated K-5 Capacity	K-5 Live-In Enrollment	Utilization	F/R Lunch %
BES-18	Byrd ES		8	0	Byrd ES	Byrd ES	313	283	90.4%	38.9%
BES-19	Byrd ES	ove, Brylee Woods, Chimney Springs, Forest at Hade	24	13	Byrd ES	Goochland ES	650	297	45.7%	22.2%
BES-2	Byrd ES		5	0	Byrd ES	Randolph ES	409	437	106.8%	22.4%
BES-20	Byrd ES		13	11	Byrd ES	Total	1372	1017	74.1%	26.9%



BOUNDARY DEVELOPMENT



Goal for Tonight:

- Familiarize yourself with data and boundary adjustment tools
- It is ok if you don't create a finalized boundary scenario
- Meeting #2 on March 2nd:
 - Finalize small group boundary development
 - Report out and discuss as a larger group
 - Confirm boundary scenario(s) to present to community



NEXT STEPS



Next Steps:

- Steering Committee Meeting #2: March 2 - Goochland HS Room 143, 6 p.m.
- Release Online Survey – March 9th
 - Links available on project website
- Community Meeting: March 16 - Goochland HS Auditorium, 6 p.m.