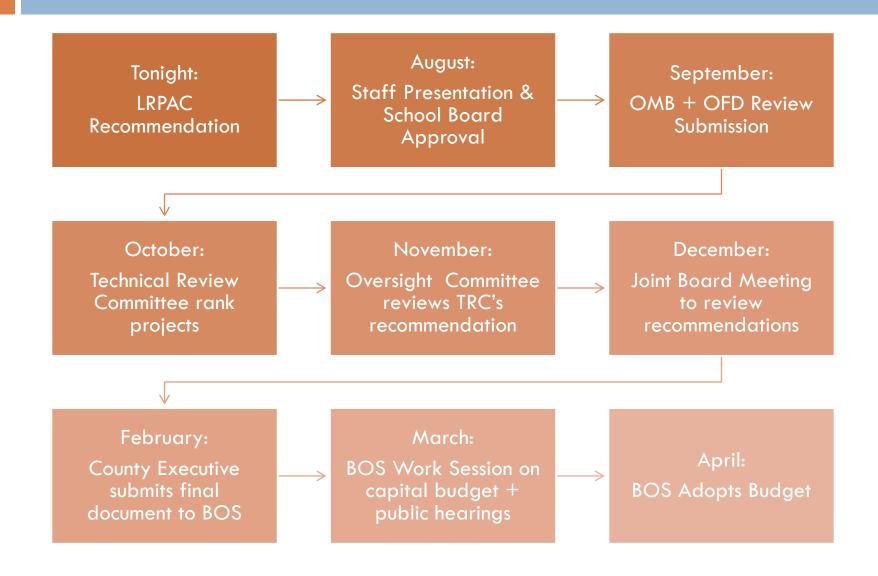
Long Range Planning Advisory Committee

FINAL RECOMMENDATION TO THE SCHOOL BOARD & SUPERINTENDENT

The Capital Improvement Program (CIP)

"The Capital Improvement Plan and the Capital Needs Assessment (CNA) - collectively referred to as the **Capital Improvement Program** - represent a statement of the County of Albemarle's policy regarding long-range physical development for the next five-year and ten-year periods respectively. The Capital Improvement Program serves as a planning and implementation tool for the acquisition, development, construction, maintenance, and renovation of public facilities, infrastructure, and capital equipment."

The CIP Review Process



Committee Introduction

Purpose

Per Policy FB: "The Long-Range Planning Advisory Committee (LRPAC) is formed to inform and advise the Superintendent and School Board in the development of comprehensive, long-term plans for facilities needs in the most effective and efficient way and in support of the School Division's Strategic Plan."

Membership

School Board Representatives

Anne Shipe, Jouett District

VACANT, Rio District

Daniel Steeper, Rivanna District

Tiffany Barber, Samuel Miller District

Dean Riddick, Scottsville District

Peter Wurzer, White Hall District

VACANT, At-Large

Superintendent Appointees

Hal Hurka

Sharon Wood

Randall Switz

Graham Paige

Jon Stokes

Recommendation Highlights

- New Projects
 - Learning Space Modernization
 - Woodbrook Elementary Addition & Renovation
 - Western Albemarle High School Environmental Science Academy
- Projects Reassigned/Redirected to Other Projects
 - Western Albemarle Kitchen Upgrades
 - Yancey Elementary Modernization
 - Western Albemarle Modernization
 - Contemporary Learning Spaces
- Eliminated Projects
 - Storage Lease
 - Henley Large Group Meeting Space
 - Crozet Addition Phase 2

			FI:	SCAL YEA	R		5 Voor
RANK	PROJECT	1	2	3	4	5	5 Year Total
		15/16	16/17	17/18	18/19	19/20	Total
1	Maintenance	5,820	7,307	6,340	6,936	6,280	32,683
2	State Technology Grant	752	752	752	752	752	3,760
3	Instructional Technology	575	650	650	650	650	3,175
4	Administrative Technology	261	261	263	263	263	1,311
5	Telecommunications Network Upgrade		900	500	500		1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7	Security Improvements	561	704	715			1,980
8	Red Hill Modernization	441	5,473				5,914
9	Stony Point Addition + Modernization	337	4,357				4,694
10	Learning Space Modernization	744	6,064	7,437	9,108	9,636	32,989
11	Woodbrook Addition + Modernization		1,076	<i>7</i> ,911	5,274		14,262
12	WAHS Environmental Science Academy	500			200	2,000	2,700
13	Yancey Addition			244	2,688		2,932
14	Scottsville Addition				334	3,544	3,877
	Total	11,491	29,045	26,312	28,205	25,113	120,165

^{*}Years 5-10: Crozet Addition, High School Addition, Additional Auxiliary Space

			FIS	SCAL YEA	R		E Vanu
RANK	PROJECT	1	2	3	4	5	5 Year
		15/16	16/17	17/18	18/19	19/20	Total
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6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7							1,980
8	Red Hill Modernization	441	5,473				5,914
9							4,694
10	Learning Space Modernization	744		7,437	9,108	9,636	32,989
11 /	Nulti-year projects previously app	proved b	y the Bo	oard of	Supervi	isors (Bo	OS) 1,262
12	WAHS Environmental Science Academy					2,000	2,700
13							2,932
14	Scottsville Addition				334	3,544	3,877
							120,165

	PROJECT			E Venu			
RANK		1	2	3	4	5	5 Year
		15/16	16/17	17/18	18/19	19/20	Total
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5	Telecommunications Network Upgrade		900	500	500		1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500

KEY CHANGESization

The maintenance program has been expanded to include some key projects:

- Western Albemarle High School Kitchen Upgrades *
- Portions of previous Yancey Modernization project *
- Additional Roof Projects
- Exterior Improvements (window replacement, masonry repairs, etc.)

^{*}Separate projects in previous recommendation

			FIS	CAL YEA	R		F V
RANK	PROJECT	1	2	3	4	5	5 Year
		15/16	16/17	17/18	18/19	19/20	Total
1							32,683
2		752	752	752	752	752	3,760
3 p	emaining Projects:						3,175
4	Administrative Technology	261	261	263		263	1,311
5							1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7	Security Improvements	561	704	715			1,980
8	Red Hill Modernization	441	5,473				5,914
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	Total	11,491	29,045	26,312	28,205	25,113	120,165

Security Improvements

 Purpose: Create controlled entrance at the front entrance of all schools

- 3 schools currently have a controlled entrance
- Work this summer will create controlled entrances at 13 schools

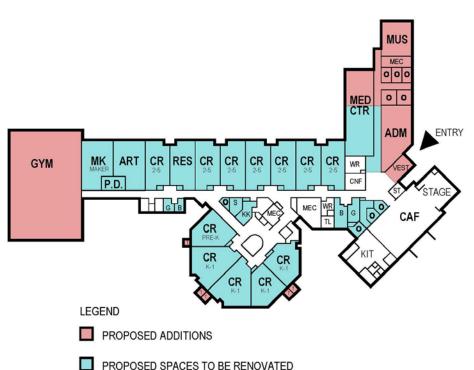
Funding request was increased by \$1 mil to ensure all schools could be addressed.

Security Improvements

Elementary School	Summer 2014	Summer 2015	Summer 2016	Summer 201 <i>7</i>
Broadus Wood	X			
Brownsville	Χ			
Crozet	X			
Meri. Lewis	X			
Murray ES	Χ			
Stone Robinson	Χ			
Stony Point	Χ			
Woodbrook	Χ			
Yancey	X			
Cale		Χ		
Baker-Butler			X	
Scottsville			Χ	

Secondary School	Summer 2014	Summer 2015	Summer 2016	Summer 2017
Burley	Χ			
Sutherland	Χ			
Walton	Χ			
Monticello	Χ			
Murray HS		X		
WAHS		Χ		
Henley				Χ
Jouett				Χ

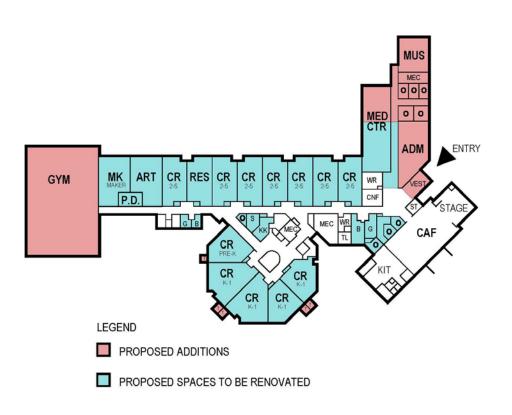
- Controlled Entrance currently exists at Albemarle HS, Hollymead & Greer
- Larger projects at Agnor-Hurt & Red Hill will include improvements to the front entrance



Timing: Open for 2017/18 School Year

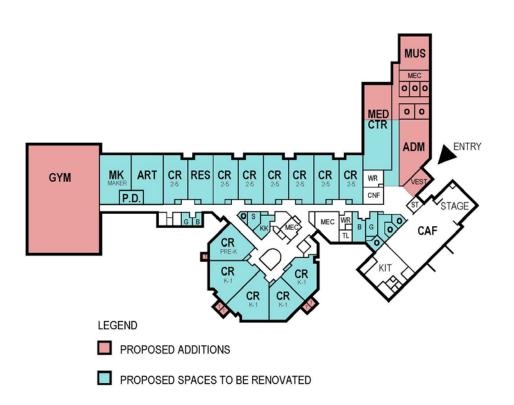
Total Budget: \$5,914,000

Purpose: PARITY



SCOPE

- Additions (9,000 sf)
 - An expanded Media Center
 - A new Administration area
 - Offices for Staff Specialists
 - A new Entry Vestibule and canopy
 - New music classroom
 - A new Gymnasium and support spaces.
- The current gym will be repurposed into an art room & maker space.
- Multiple small additions will provide toilets for the existing Grade K-1 classrooms.

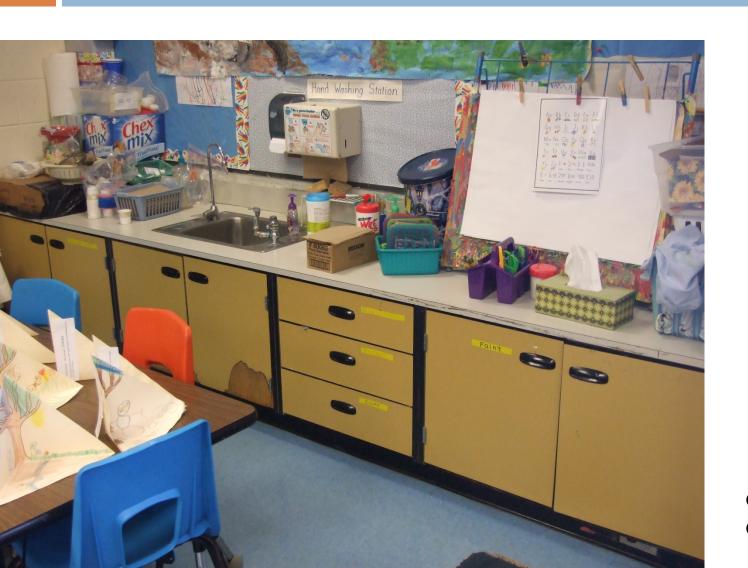


SCOPE (cont.)

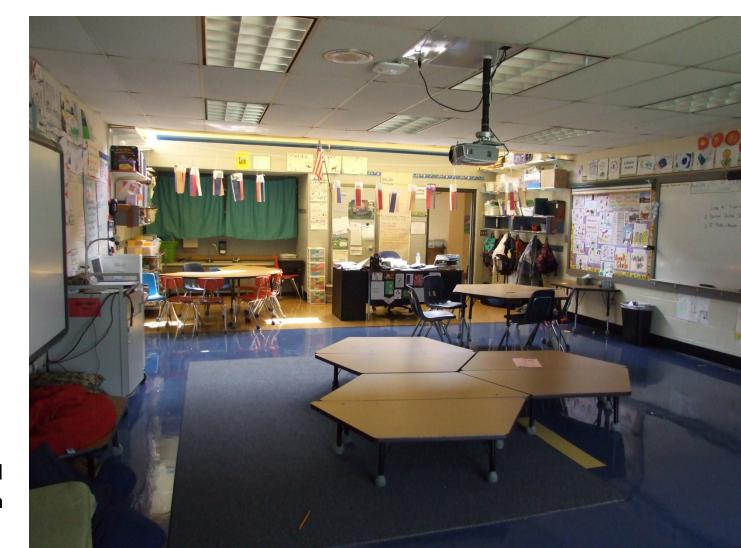
- Existing spaces to be modernized include: classrooms, the admin area, toilets, and the various support spaces.
- Site work will include additional parking, site improvements and outdoor learning areas.



Typical Pod Classroom



Classroom Casework



Typical Classroom



Undersized Media Center



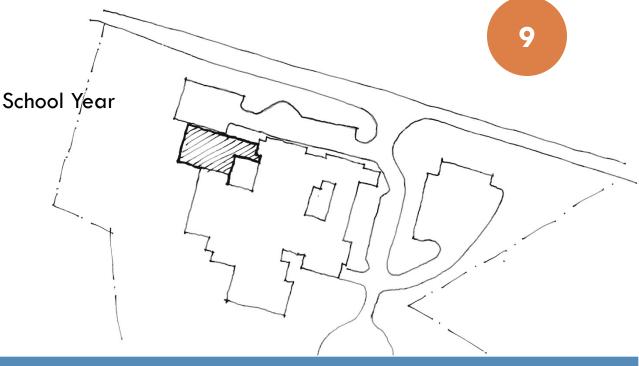


Stony Point Addition + Renovations

Timing: Open for 2017/18 School Year

Total Budget: \$4,696,000

Purpose: CAPACITY



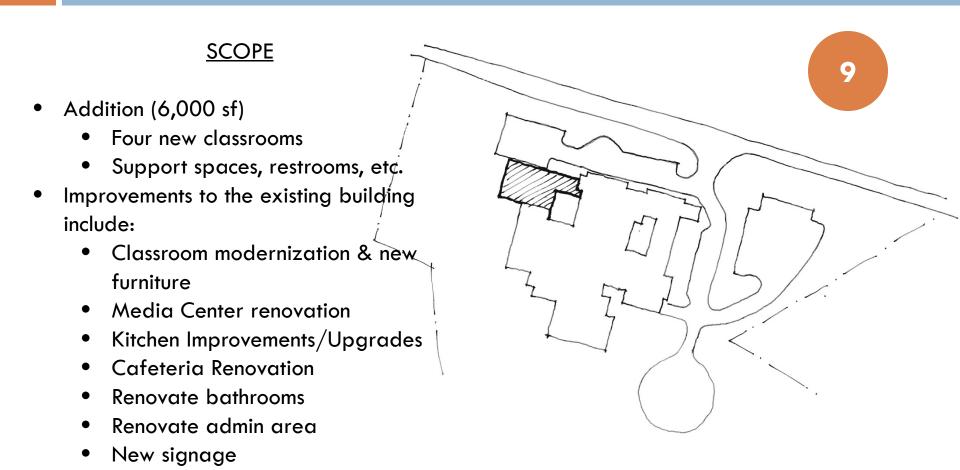
Building		Projected Enrollment										
Capacity	13/14	14/15	15/16	16/17	1 <i>7</i> /18	18/19	19/20	20/21	21/22	22/23	23/24	
225	209	255	250	265	259	268	261	269	264	256	252	
Difference	-46	-41	-56	-50	-59	-52	-60	-55	-47	-43	-36	
	-20.4%	-19.6%	-22.0%	-20.0%	-22.3%	-20.1%	-22.4%	-21.1%	-17.5%	-16.3%	-14.1%	

Stony Point Addition + Renovations



- Four 'Learning Cottages'
- Two used for 5th grade
- Only elementary to utilize trailers for grade level classes

Stony Point Addition + Renovations



ADA Improvements



Google search results for "1950's classroom"





Google search results for "1950's classroom"

Albemarle High School 2014

mod·ern·ize verb \'mä-dər-nīz\:
to make (something) modern and
more suited to present styles or
needs

- Design Imperatives for new spaces:
 - Transparency
 - Sustainability
 - Flexibility
 - Mobility/Interactivity
 - Multi-age
 - Making Everywhere
 - Problem/Project/Passion Based Learning
 - Choice & Comfort
 - Inside/Outside

Why are our current spaces not held to the same standards?

 Staff conducted a field survey of ALL classrooms in the division. Evaluation included:

Access to Connectivity to Lighting **Furniture** Power Storage other spaces Condition Daylighting • Doors Relationship Adequacy Adequacy to other Comfort • Lighting • Windows Accessibility Availability classrooms, Control Choice hallways, etc.

 Staff will make a full presentation in August on the process and the findings

- \square Sampling of notable findings \rightarrow
- In general, there was not a huge disparity between schools, but there is a disparity between current conditions and the needs of the 21st century student.
- Biggest deficiencies were at secondary schools

A comprehensive renovation has NEVER been funded unless an addition was being constructed.

Over 90 classrooms have NO natural light. That is almost 20% of middle & high school rooms.

40% of Albemarle High School's classrooms have attached desk/chair combinations.

No substantial furniture replacement or upgrade plan is currently funded.

CLASSROOM FURNITURE UPGRADE

- •Update furniture to create a flexible & comfortable learning environment.
- •This includes ergonomic seating choice, work surfaces that vary in height & size but are all mobile, & adequate storage.

CLASSROOM MODERNIZATION

- •Renovate classroom spaces to update all finishes, casework, & lighting.
- •Improve transparency & connection to adjacent spaces, including the outdoors if feasible.

MEDIA CENTER RENOVATION

- •Renovate media centers to be flexible hubs of congregation, collaboration, & creation.
- •This includes updating furniture, shelving, and accessory spaces.

CAFETERIA RENOVATION

•Update cafeteria finishes & furniture.

SPECIALTY CLASSROOM RENOVATION

- •Renovate existing spaces to create state-of-the-art music, art, CTE & other specialty rooms.
- •Create dedicated maker spaces.

DAYLIGHTING

- •Add day lighting to spaces with no or minimal natural light.
- •Update blinds or shades in spaces with natural light to better control the light.



Timing: 10 year project

Total Budget: ~\$70,000,000



	School	Year 1	Year 2	Year 3	Year 4	Year 5
	Α			10 rooms		10 rooms
	В			10 rooms		10 rooms
	С			10 rooms		10 rooms
	D		Media Center	10 rooms		10 rooms
<u> </u>	E			10 rooms		10 rooms
Elementary	F			10 rooms		
me	G		Media Center			10 rooms
H	Н		Media Center			
	1		Cafeteria			
	J				Media Center	
	K		Media/Center		Cafeteria	
	L				Media Center	
4	Α		10 rooms		20 rooms	
Middle	В		10 rooms		15 rooms	
Mic.	С		10 rooms		10 rooms	
	D			10 rooms		10 rooms
	Α			10 rooms		10 rooms
	В		20 rooms	Media Center	30 rooms	
High	C		10 rooms	Media Center	20 rooms	
	D					10 rooms
	E			Media Center		

Year 2



Year 5

Year 4

		Α			10 rooms		10 rooms
		В	_		10 rooms		10 rooms
		С	-		10 rooms		10 rooms
		D		Media Center	10 rgoms	سينان ما	10 rooms
	<u>></u>	E		Specific locc	ations would be ide	eninea.	10 rooms
g	nta	F	-		10 rooms		
<u> </u>	Elementary	G	•	Plan:would r	not complete a who	ole school before	10 rooms
$\overline{\cap}$	E	Н		moving onto	the next.		
		I	-	Cafeteria			
\Box		J			ger schools would	Media Center	
		K	•				
•=		L	_	year cycle to	o allow for a year	of evaluation.	
asing	4	Α		10 rooms		20 rooms	
2	Middle	В		All schools w	vould have some so	ort of work in the fi	rst
Ph	Mid	С		10 rooms	Toola Have Joille Je	10 rooms	
Δ_		D		5 years.	10 rooms		10 rooms
		Α			10 rooms		10 rooms
		В		20 rooms	Media Center	30 rooms	
	High	С		10 rooms	Media Center	20 rooms	
	_	D					10 rooms
		E			Media Center		

			FIS	SCAL YEA	R		E Voor
RANK	PROJECT	1	2	3	4	5	5 Year
		15/16	16/17	1 <i>7</i> /18	18/19	19/20	Total
1	Maintenance	5,820	7,307	6,340	6,936	6,280	32,683
2	State Technology Grant	752	752	752	752	752	3,760
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5	Telecommunications Network Upgrade		900	500	500		1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7	Security Improvements	561	704	<i>7</i> 15			1,980
8	Red Hill Modernization	441	5,473				5,914
9	Stony Point Addition + Modernization	337	4,357				4,694
10	Learning Space Modernization	744	6,064	7,437	9,108	9,636	32,989
11	Woodbrook Addition + Modernization		1,076	<i>7,</i> 911	5,274		14,262
12	WAHS Environmental Science Academy	500			200	2,000	2,700
13	Yancey Addition			244	2,688		2,932
14	Scottsville Addition				334	3,544	3,877
	Total	11,491	29,045	26,312	28,205	25,113	120,165

^{*}Years 5-10: Crozet Addition, High School Addition, Additional Auxiliary Space

Woodbrook Addition & Modernization



Timing: Open for 2018/19 School Year

Renovation Complete for

2019/20 School Year

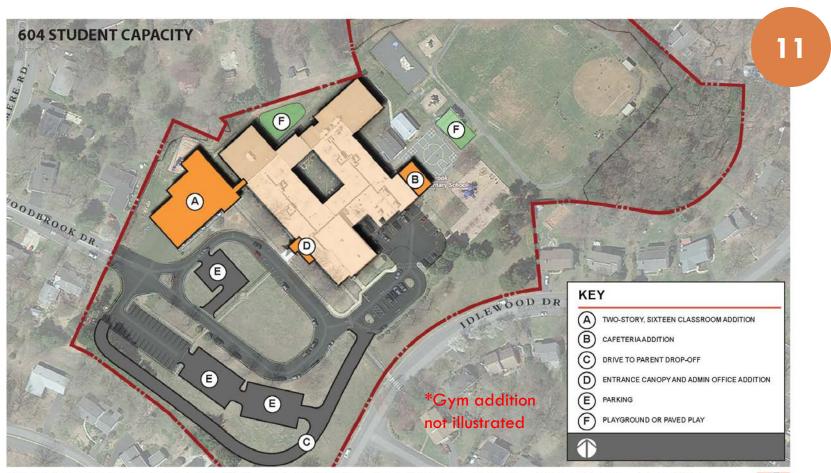


Total Budget: \$14,262,000

Purpose: CAPACITY IN URBAN RING

	Building	Projected Enrollment										
School			2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Agnor-Hurt	566	489	512	<i>517</i>	530	546	553	554	555	568	586	601
	Difference	77	54	49	36	20	13	12	11	-2	-20	-35
Greer	493	516	523	515	529	516	514	493	501	514	525	536
Greer	Difference	-23	-30	-22	-36	-23	-21	0	-8	-21	-32	-43
Hollymead	448	451	466	466	468	475	474	466	464	469	476	483
o.i / ilicaa	Difference	-3	-18	-18	-20	-27	-26	-18	-16	-21	-28	-35
Woodbrook	296	332	327	334	337	334	343	328	331	332	333	342
VVOOGBIOOK	Difference	-36	-31	-38	-41	-38	-47	-32	-35	-36	-37	-46
TOTAL	1803	1788	1828	1832	1864	1871	1884	1841	1851	1883	1920	1962
IOIAL	Difference	15	-25	-29	-61	-68	-81	-38	-48	-80	-11 <i>7</i>	-159

Woodbrook Addition & Modernization



SITE PLAN FOR POTENTIAL ADDITIONS & RENOVATIONS - OPTION 2 - FRONT

SPRING, 2014



Woodbrook Addition & Modernization





SCOPE

- Additions (40,000 sf)
 - 16 classrooms (2 story)
 - 2 SPED Rooms
 - Maker Space
 - Professional Development training space
 - Expanded Cafeteria
 - A new Gymnasium and support spaces.

Woodbrook Addition & Modernization



SCOPE (cont.)



- Improvements to the existing building include:
 - Classroom modernization
 - Media Center renovation
 - Kitchen & Serving Line Improvements/Upgrades
 - Cafeteria Renovation
 - ADA Improvements
 - Renovate bathrooms
 - Expand admin area
 - New signage
 - New electrical switch gear

WAHS Environmental Science Academy



Timing: Phase 1 Open for 2015/16 School Year

Phase 2 Open for 2020/21 School Year

Total Budget: Phase 1 \$500,000

Phase 2 \$2,200,000

Purpose: Support School Board Initiative

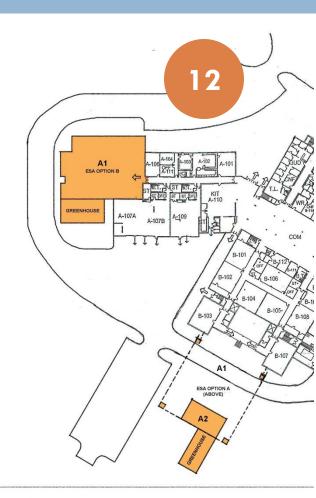




WAHS Environmental Science Academy

SCOPE

- Phase 1: Greenhouse
 - 2100 sf collegiate glass greenhouse
 - 800 sf Attached Classroom
 - 400 sf Storage
 - Furnishings & Equipment
- Phase 2: Academy Addition
 - 10,000 sf
 - Three science labs, "dark room" /
 planetarium, offices, a shared prep room
 with storage, and project spaces for
 independent, collaborative teaming.
 - Spaces will accommodate hydro / aqua activities and hydroponics.



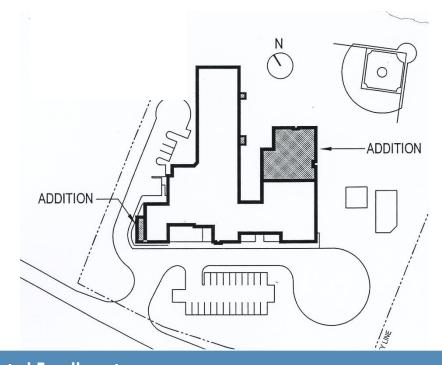


Yancey Addition

Timing: Open for 2019/20 School Year

Total Budget: \$2,932,000

Purpose: CAPACITY

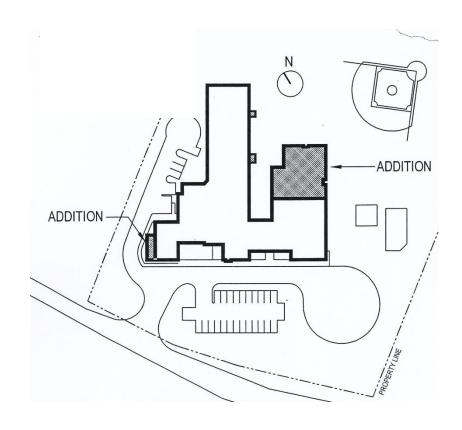


Building		Projected Enrollment									
Capacity	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24
225	133	133	130	140	138	136	135	135	132	130	130
D:tt	-14	-14	-11	-21	-19	-1 <i>7</i>	-16	-16	-13	-11	-11
Difference	-10.4%	-10.4%	-8.3%	-15.8%	-14.6%	-12.1%	-11.6%	-11.8%	-9.6%	-8.1%	-8.3%

Yancey Addition

SCOPE

- Additions (6,800 sf)
 - 2 classrooms
 - Small Resource Space
 - Staff specialist offices
 - Expanded media center



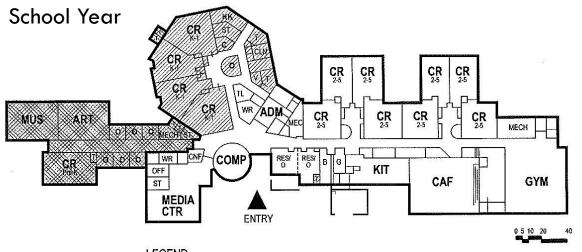
14

Scottsville Addition

Timing: Open for 2020/21 School Year

Total Budget: \$3,877,000

Purpose: CAPACITY



LEGEND

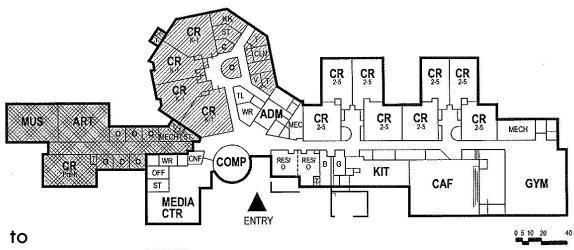
PROPOSED SPACES TO BE RENOVATED

Building Capacity		Projected Enrollment										
	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	
162	162	173	184	180	183	189	186	187	187	189	191	
Difference	0	-11	-22	-18	-21	-27	-24	-25	-25	-27	-29	
	0.0%	-6.8%	-13.6%	-10.4%	-11.4%	-15.0%	-13.1%	-13.2%	-13.4%	-14.4%	-15.5%	

Scottsville Addition

SCOPE

- Additions (6,000 sf)
 - Art Classroom
 - Music Classroom
 - Pre-K Classroom
- Miscellaneous improvements to existing building



LEGEND

PROPOSED SPACES TO BE RENOVATED

LRPAC CIP Recommendation

			FI:	SCAL YEA	R		0 32,683 2 3,760 0 3,175 3 1,311 1,900 0 7,500 1,980 5,914 4,694 6 32,989 14,262 0 2,700
RANK	PROJECT	1	2	3	4	5	
		15/16	16/17	17/18	18/19	19/20	Total
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	Total	11,491	29,045	26,312	28,205	25,113	120,165

^{*}Years 5-10: Crozet Addition, High School Addition, Additional Auxiliary Space

Albemarle High School



- AHS is and projected to be over capacity
- This board has given clear direction to not make the school any larger
- The LRPAC recommends the School Board to consider redistricting.
 - The redistricting evaluation should be a comprehensive study of all schools. This would allow other issues to be addressed as well (split feeder patterns, under enrollment at Walton, etc.)
 - Due to the large nature of the task the committee would work in earnest beginning next Spring with any action to take affect during the 2016/17 school year.

High School Seats

	D. Halin a		Projected Enrollment									
School	Building Capacity	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
ALBEMARLE	1812	1847	1941	1941	1965	1951	1924	1920	1920	1957	2037	2089
	Difference	-35	-129	-129	-153	-139	-112	-108	-108	-145	-225	-277
MONTICELLO	1264	1093	1084	1123	1098	1068	1063	1092	1077	1119	1132	1103
	Difference	171	180	141	166	196	201	172	187	1 45	132	161
WESTERN ALBEMARLE	1088	1019	1004	1023	1036	1076	1103	1146	1121	1182	1194	1185
	Difference	69	84	65	52	12	-15	-58	-33	-94	-106	-97
Total	4164	3959	4029	4087	4099	4095	4090	4158	4118	4258	4363	4377
Tolul	Difference	205	135	77	65	69	74	6	46	-94	-199	-213

^{*}Additional high schools seats are included in the 10 year plan in year 7. The location is TBD.

LRPAC CIP Recommendation

				F Va			
RANK	PROJECT	1	2	3	4	5	5 Year
		15/16	16/17	17/18	18/19	19/20	Total
1	Maintenance	5,820	7,307	6,340	6,936	6,280	32,683
2	State Technology Grant	752	752	752	752	752	3,760
3	Instructional Technology	575	650	650	650	650	3,175
4	Administrative Technology	261	261	263	263	263	1,311
5	Telecommunications Network Upgrade		900	500	500		1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7	Security Improvements	561	704	<i>7</i> 15			1,980
8	Red Hill Modernization	441	5,473				5,914
9	Stony Point Addition + Modernization	337	4,357				4,694
10	Learning Space Modernization	744	6,064	7,437	9,108	9,636	32,989
11	Woodbrook Addition + Modernization		1,076	<i>7,</i> 911	5,274		14,262
12	WAHS Environmental Science Academy	500			200	2,000	2,700
13	Yancey Addition			244	2,688		2,932
14	Scottsville Addition				334	3,544	3,877
	Total	11,491	29,045	26,312	28,205	25,113	120,165

Financial Reality

		FIS	SCAL YEA	R		E Va aur	
RANK	PROJECT	1	2	3	4	5	5 Year
		15/16	16/17	17/18	18/19	19/20	Total
1	Maintenance	5,820	7,307	6,340	6,936	6,280	32,683
2	State Technology Grant	752	752	752	<i>7</i> 52	752	3,760
3	Instructional Technology	575	650	650	650	650	3,175
4	Administrative Technology	261	261	263	263	263	1,311
5	Telecommunications Network Upgrade		900	500	500		1,900
6	School Bus Replacement	1,500	1,500	1,500	1,500	1,500	7,500
7	Security Improvements	561	704	<i>7</i> 1 <i>5</i>			1,980
8	Red Hill Modernization	441	5,473				5,914
9	Stony Point Addition + Modernization	337	4,357				4,694
10	Learning Space Modernization	744	6,064	7,437	9,108	9,636	32,989
11	Woodbrook Addition + Modernization		1,076	<i>7,</i> 911	5,274		14,262
12	WAHS Environmental Science Academy	500			200	2,000	2,700
13	Yancey Addition			244	2,688		2,932
14	Scottsville Addition				334	3,544	3,877
	Total	11,491	29,045	26,312	28,205	25,113	120,165
Curre	ent BOS Funding	9,145	9,513	10,171	11,611		