

Phase IV Capital Programs Master Plan Superintendent's Message



Charleston County School District's strategic plan, **VISION 2016** has four focus areas. "World Class Schools and Systems" is the focus area that drives the district's plans envisioned in the Phase IV Capital Programs Master Plan.

I am very proud how far our district has come since 1997. CCSD's schools were in very poor condition before the district embarked on its first building program. So, it is important to remember the past in planning the future. Current decision makers and parents might not know that the district's funding for annual maintenance, capital maintenance and building new schools to serve fast growing communities was drastically underfunded prior to 1997. And, the process to get capital approved to build new schools was ad hoc versus the deliberative process used today.

Dr. Ron McWhirt's leadership brought about a major change in the district's strategy for planning and funding its schools in 1998. He began with hiring a national K-12 consultant to perform a condition assessment of all of its schools. This report enabled the district to make the case to the community that the CCSD needed to sell bonds to fund the needed critical needs maintenance projects, whole school renovations and new schools as a part of its first 5-year building program in the 1998 general election.

The backlog of deferred maintenance was in excess of \$600 million in 1997. It has taken multiple building programs to clear the backlog of deferred maintenance and address the district's capital requirements. The Board of Trustees prioritized the projects in each building program to address the district's highest priority life safety, growth and programmatic support issues across the county. And, the district adopted a multi-year master planning process to gain the community and voters support to fund these projects. This deliberative process enabled the district to dramatically reduce its back log of deferred maintenance and improve the condition of our district's schools. Now, after years of hard work renovating, expanding and building new schools, we are pleased that many of our CCSD schools are now viewed as best of class.

I know our residents think that Wando, West Ashley, St Johns and Burke are new high schools. But, time has passed quickly. These great community high schools and many other schools that were built, renovated or expanded between 1997-2005 will all be over 15 years old during the Phase IV building program. So, district leadership recommends that the Board add Stewardship to the district's priorities of Life Safety, Growth and Programmatic Support in the Phase IV Master Plan. It is critical that CCSD establish a dedicated funding stream to perform the needed cyclical capital maintenance following national best practices to be proper stewards of our tax payers' investment in our schools...and to keep our schools properly maintained.

This Phase IV Capital Programs Master Plan has incorporated information from the Neighborhood Planning teams and community input to date. This document represents staff's efforts to document the

district's current needs in each Constituent District as well as the schools that will require capital maintenance in the next building program.

There will always be more projects in a master plan than there are funds available. The data and recommendations contained in this Master Plan was assembled to provide the Board with a full suite of census, enrollment, and condition assessment information needed to prioritize projects across the district. The goal of this master plan is to give decision makers the information needed to develop an Integrated Priority List (IPL) of the projects that need to be authorized and funded from the sales tax extension that will be on the November 2014 ballot. This will not be an easy task. It will take a great deal of effort to assimilate all this information and consider a full range of community input. But, it will ultimately require the Board to collaborate together to ensure that they select the highest priority projects are approved in the final IPL.

CCSD has received outstanding support from its community since 1998 to provide the funding to improve its schools. The Board of Trustees has invested these capital funds wisely and the annual financial and contracts external audits have documented that the district's capital program has been managed ethically and efficiently. I ask you for your support to take the next step in this process. And, I ask for your participation, input and support as the Board goes through this process to make the hard choices to authorize and fund the next group of projects that will continue to improve our schools in each community across Charleston County.

Very respectfully,

Dr. Nancy J. McGinley, EdD

Superintendent of Schools

Background:

The Phase IV Master Plan is staff's recommendation to the district senior leadership and the Board of Trustees. The goal of this document is to provide decision makers with a consistent set of critical information for each Constituent District before the tentatively scheduled March 2014 Board workshops and to make this information transparent by posting the Phase IV Master Plan on the CCSD website. The Phase IV Master Plan is **not a final or approved Building Program list**. Readers should not construe the proposed project lists in each section as the approved list. The projects listed are merely staff's recommendation to provide a Straw Man to start this process. Staff has rank ordered the projects to assist the Board program the final list of projects within a funding level that they will approve.

The Board of Trustees will vote to adopt the final list of approved projects to have on the 2014 General Election ballot after a conducting a series of workshops and public engagement meeting.

As in all master planning exercises, the list of projects always is larger than the projected out year funding. The Phase IV Master Plan is no different. A large enterprise like Charleston County School District will always have the need for an out-year Master Plan to deal with growth, programmatic changes and technology and to be proper stewards of the schools that have been built.

There will never be a final plan.

This Phase IV Master Plan is written ahead of knowing how long the Board will recommend the One Penny Sales Tax be extended. So, staff has tried to rank order the projects that might be considered for approval is the extension was for 6-years. A 6-year program may leave many projects below the red line drawn at the projected sales tax revenue for a 6-year period. A 6-year program may not raise enough sales tax revenue to fund all of the pressing district requirements and may not provide adequate funding for any Charter School or Stadium projects. So, staff has also identified the projects that might be included if the One Penny Sales Tax were extended to 9-Years to pick up additional district projects as well as create additional funding for Charter School and Stadium projects.

The format for each chapter covering a Constituent District is the same. The length of a chapter only differs by how many schools are in a district. Each Constituent District chapter includes:

- A map of the Constituent District showing the location of each school;
- Photos of each school;
- Demographic data gathered by the Council of Governments that compares the demographics from the 2000 and 2010 census for each Constituent District;
- Constituent District Program accomplishments since 1997 to advise community leaders and decision makers of the capital investments made to date at each school in their Constituent District;
- Enrollment projections produced by the COG;

- The enrollment trends versus school capacity. The COG has developed projected enrollments for each CCSD school through 2022 and this allows staff to compare those projections against the 2013 school capacity calculations;
- Live in/Attend Summaries for each school to identify where schools are being impacted due to transfers of students into a school or out of a school;
- Planning Issues that address a Constituent District's Life Safety, Growth and Programmatic issues.
- Comprehensive Condition Assessment of each school in a Constituent District
- Recommended Phase IV Building Program project list; and
- A list of schools either built or renovated between 1997 and 2005 that will require major capital maintenance projects to be funded during the time frame of the Phase IV Building Program.

Phase IV Master Plan Strategy:

Staff has drafted this Phase IV Master Plan based on strategic guidance provided by the Board of Trustees, the Superintendent and Senior Leadership Team. This Strategy is based on responsible stewardship and continuing to invest capital on 3-focus areas: Life Safety, Growth and Programmatic Support.

The Board of Trustees has a responsibility to the community to be good stewards of the tax payer investment in our district schools and ensure that the schools that have been constructed or renovated are well maintained so they can serve the community throughout their expected economic life. Our CCSD schools are in constant use like a busy airport or a hospital. Our CCSD schools, like other high use public facilities like hospitals and airports, must be proactively maintained to fully support their instructional mission and support the community after normal school hours. If they are not, they will deteriorate quickly because of this high use and adversely impact the school's mission.

Unfortunately, the recent recession has caused the Board to cut the annual maintenance effort for the past four years to our schools at a time the district was adding additional schools and increased space with more complex systems. This had to be done to ensure that teachers were not cut and taxes were not raised during a recession. But, now that the economy is starting to recover district leadership must advocate to the Board that it properly fund the Facilities Maintenance GOF budget to national best practices it was funded at prior to the recession and the Board must now take the next step and create a dedicated funding stream to proactively fund the capital maintenance of our schools as its highest priority in the Phase IV building program.

The 3-strategic focus areas: Life Safety, Growth and Programmatic Support are continuity from the Phase III Master Plan. These focus areas will enable the Board to rate and rank prospective projects by these priorities to ensure that any project that is included in the Phase IV Building Program supports these priorities.

Stewardship:

The District has over 8 million square feet of facilities at its school campuses and administrative facilities across Charleston County. Deferred maintenance has been the cancer that has negatively affected the condition of schools in many large public school districts. School districts have asked their citizens to build new schools, but their leaders have not asked its taxpayers to fund the cyclical capital maintenance needed to keep the schools properly maintained.

That is exactly what happened to the schools in Charleston County School District. In 1997, Charleston County School District was in such disrepair that it needed to hire an outside consultant to perform a facilities condition assessment on all of its schools. That report documented that due to the district's underfunding the annual maintenance effort and lack of

funding the cyclical capital maintenance since the district was established in 1968 that the district had over \$610 million of deferred maintenance at a time when the current plant replacement value (CPRV) of the district's schools was estimated at \$850 million. Bottom Line: The CCSD schools were run into the ground through systematic neglect.

That cannot happen again.

Charleston County School District has worked strategically to reduce the district's backlog of deferred maintenance by demolishing 28-older schools that were beyond their economic life, completing 38- whole school renovations to bring the building systems up to national standards and adopting rigorous design standard for the 40- new schools is has built to improve the maintainability of the new schools. This has been a great accomplishment and the public's confidence in Charleston County School District improved each year as this deferred maintenance backlog was reduced and our schools were being kept well maintained to national best practices.

But, the cohort of schools that were built or renovated from 1997-2005 will now need to have the cyclical capital maintenance (roofs, high use door hardware and HVAC systems replaced, bathrooms , cafeterias and IT infrastructure reset and carpets replaced) funded during the next building program. These kinds of projects are too large to be funded from the district's GOF budget for the Facilities Maintenance and Information Technology Departments. So, the Board must establish a dedicated capital maintenance funding stream to address them in a timely manner before they adversely impact instruction or cause health or life safety concerns.

Staff's recommendation is that the Board support funding the cyclical capital maintenance as the district's highest facilities priority to ensure the schools the district has just built and renovated are properly maintained before it replaces or builds any new schools. **This capital maintenance must be funded as the Phase IV Building Program's highest priority.**

The CPRV of the district's schools now represents a taxpayer investment of over \$1.6 billion based on a \$200/sf replacement cost. The Board of Trustees and District administration have a responsibility to the tax payers to proactively maintain and periodically upgrade these facilities to support each school's academic mission and its community. National organizations such as Council of Greater City Schools representing K-12, APPA representing higher education and BOMA representing the private sector all agree that in order to properly perform the cyclical capital maintenance on its facilities that owners must invest 2% CPRV/year to properly fund a large organization's cyclical capital maintenance requirements. That represents an annual capital maintenance funding stream of \$32 million/year.

Strategic Focus Areas:

The district's Board of Trustees and academic leaders adopted 3- strategic focus areas for its future capital projects in the Phase III Master Plan and will continue to support them in the Phase IV Master Plan. Those strategic focus areas are:

- Life Safety
- Growth
- Programmatic Support

Life Safety:

The highest priority of any organization must be to ensure that its students and staff are located in safe and secure facilities. Charleston County is located in not only an area that is periodically subjected to hurricanes, floods and high winds, but it is in a seismically active area. The United States Geological Survey (USGS) has placed Charleston in its highest hazard rating, Seismic Zone 4.

The last major event occurred in 1886 with a 8.6R event that was 100 times more powerful than the 6.8R Loma Prieta earthquake that hit San Francisco in 1986. However, the state of South Carolina did not have a building code that required designers to address the seismic forces until 2002 when the State of South Carolina adopted the International Building Code (IBC).

The majority of the district's schools were built prior to the adoption of the IBC. The highest risk schools in the event of another earthquake of the magnitude of the 1886 earthquake were the multi-story unreinforced masonry schools in areas that could experience major liquefaction of soils in the event of an earthquake. All of these buildings were replaced in Wave I of the current Phase III Building Program.

But, the district still has other 2-story reinforced masonry schools in other parts of the county that must also be addressed in a programmatic manner as a part of the Phase IV Building Program. Staff recommends that these campuses be addressed as follows to ensure scarce resources are invested in the 2-story reinforced masonry schools that will continue to serve the district. And, just as importantly not to spend capital funds at schools that are scheduled for demolition or mothballing pending transfer or sale.

- Two of these campuses (James Island Charter High School and Garrett Academy of Technology) are recommended for renovation and expansion in the Phase IV building program. The work to seismically retrofit these schools will be included in the scope of work to be performed at these schools.
- Three other 2-story campuses (Mary Ford Elementary School, Northwoods Middle School, and West Ashley Middle School) are recommended to have detailed seismic engineering investigations performed following the FEMA/ASCE protocols in Wave 6 of the 2011-2016 building program. This will

provide the district with the scope of work to be performed at these campuses that will be funded from the capital maintenance funds.

- Four campuses are unoccupied (Archer Elementary School, Fraser Elementary School, McClellanville Middle School and former Academic Magnet High School).
- The Chicora campus was transferred to the City of North Charleston.
- Three other 2-story campuses (St Andrews MS, CE Williams MS and McNair ES) are recommended to be demolished to build other schools on these campuses.

Growth:

Charleston County experienced major demographic changes since it was consolidated in 1968. Some constituent districts experienced major growth while others have experienced a major loss of population. That has resulted in the district having excess school capacity in some areas and requiring the district to close or consolidate schools. At the same time, the district has had to temporarily move mobiles onto new campuses and build new schools in other areas to address the growth.

The district has hired the Council of Governments to review the growth in each Constituent District based on the 2010 Census and compare the most current census data with the 2000 Census. The COG staff also prepared demographic projections for each constituent district and the enrollment projections for the schools in that district. The Master Plan incorporates charts for each Constituent District that shows historic enrollment, projects the future enrollment of each school in that area against the current school's capacity followed by a commentary.

The cost to provide mobile classrooms to address growth is now almost as expensive as building a permanent classroom. So, the Board must be focused on the growth areas in the county and ensure that the district is well positioned to "build seats" to accommodate that growth in a timely manner.

The COG census and enrollment data will demonstrate there is an urgent need to address growth in:

- District 2-Carolina Park ES and Second East Cooper HS;
- District 4- expand Pinehurst, Ladson, Corcoran and Pepperhill elementary schools;
- District 9- Haut Gap Elementary School
- District 10-Carolina Bay Elementary School

Programmatic Support:

The district's strategic plan, VISION 2016 sets the strategic focus for the entire district. The goals in the strategic plan are clear.

1. Elevate the achievement for all students.
2. Close the achievement gap between groups of students.
3. Increase the high school graduation rate.

The district has developed a sophisticated set of strategies at each instructional level to achieve these goals. The Operations Division's task is to be strategically aligned to support these strategic goals and to provide the needed support in a timely, cost effective, client focused manner.

The district leadership has prioritized a number of major strategic initiatives that require support in the Phase IV building program. The Board of Trustees has approved a Regional Plan for the district as a cost effective strategy to provide equity and access to these highly successful programs across the district while partnering with the strategic stake holders.

Early Childhood Development/Early Head Start: There is a preparation gap for students living in high poverty families and in communities with multiple generation illiteracy. The Board has approved a strategy of offering high quality literacy based early childhood classes and Headstart classes to close this preparation gap. The Board approved the district's elementary school Ed Spec programming a cohort of CD classes equal to 100% of the Kindergarten cohort to provide enough early childhood classroom seats to support this program. This has resulted in the district funding over 114-CD classes across the district for 2230-students and winning the Headstart grant to provide 65- Headstart classes to support 1,001- students across Charleston County. The district will continue to incrementally add CD4 classes each time it builds a new elementary school. But, the district has an unique opportunity to ramp up these Early Childhood offerings by repurposing 2-campus in Phase IV to be renovated as Early Childhood Centers to dramatically increase the number of Early Childhood seats in two of the district's highest need areas: Fraser, and Dunston.

Montessori Programs: The Board supported offering Montessori programs in each region as a key strategy to improve Choice options for parents. The Board approved starting Montessori in the North Region (Hursey) in Phase II and offering Montessori in the Central Region (Community Montessori and James Simons) and the Southwest Region (Murray LaSaine) in the Phase III Master Plan. The Board will need to consider projects to renovate Hursey (North Region) to become a full Montessori school and build a Montessori school to support the East Region (East Cooper Montessori School) in the Phase IV building program to complete the roll out of a Montessori program in each Region.

Arts Infused Elementary/Middle Schools: The Board supported building arts infused elementary schools in the Central Region (Sanders Clyde and Ashley River Creative Arts) and Southwest Region (E.B. Ellington) in the Phase II Master Plan. And, the Board supported arts infused elementary schools in the North Region (North Charleston Creative Arts) and East Region (Jennie Moore) in the Phase III Master Plan.

Additionally, the Board supported a district wide arts magnet in the Phase II Master Plan (School of the Arts). But, if a student does not get selected to attend the School of the Arts middle school parents do not have any other arts options for their students. So, now parents are asking that these arts programs also be rolled out to the middle school level. Therefore, staff will propose that Ashley River Creative Arts be expanded in Phase IV to provide expanded arts infused opportunities at the middle school level. In the future, Neighborhood Planning Teams may recommend that existing middle schools adopt this focus.

STEM Elementary/Middle Schools: The Board also supported partial magnet elementary schools having a STEM focus. The Board supported implementing the STEM program in the Central Region in Phase III (Mitchell Elementary School and St Andrews Math and Science) as well East Region (Sullivans Island Elementary School) in Phase II. The Neighborhood Planning Teams in the Southwest and North Regions have not yet requested a school in their region adopt this program at the elementary school level as of this date. The Board has also supported STEM focused middle schools. The Board supported CE Williams MS (Central Region) having a STEM focus in Phase I, Zucker MS (North Region) in Phase II and Laing MS (East Region) in Phase III.

Advanced Studies Elementary School: Buist Academy is a district wide magnet that has successfully implemented an Advanced Studies focus. The District 2 Neighborhood Planning team has proposed that the former Whitesides become a District 2 Advanced Studies partial magnet starting in SY2014/15. Staff recommends that the Board consider repurposing James Island Middle School and CC Blaney Elementary School (Southwest Region) and Morningside Middle School to become K-8 schools with an Advance Study focus in Phase IV to provide Advanced Studies schools in each region to expand choice to parents for this very popular program.

Career and Technology Education (CTE): The District's CTE Master Plan sets forth a comprehensive plan to provide quality CTE programs in each of the four regions of the county. The Board changed to a regional CTE vision because a large district like CCSD cannot afford to offer the same number of programs at each high school and cannot serve all of its students at one central magnet high school.

The district is not divided into four Regions. This plan will enable the district to locate Centers of Advanced Studies at its largest comprehensive high schools that are accessible to all students in that region. These Centers of Advanced Studies offer the students the benefits of the partnership of CCSD with Trident Tech and businesses to be able to take dual credit courses on campus as well as be able to take follow on higher level technical courses at one of Trident Tech's campuses. Moreover, the District has strategically selected CTE programs to be offered at specific community high schools where there is a strong business concentration and the potential to establish a sustaining partnership with businesses in that area to provide support and intern/summer job opportunities.

The Board did not approve CTE programs to be located at West Ashley High School when it was built because Board policy located all district CTE programs at Garrett Academy of Technology as a district wide magnet school. After West Ashley High School opened, the Board revised its CTE vision. So, all high schools that were built or renovated after West Ashley High School opened were programmed with CTE spaces in the schools to support a limited number of CTE courses at those schools.

The Board later revised its CTE policy to provide increased CTE opportunities on a Regional basis. The Board approved the Wando Center of Advanced Studies and Lowcountry Tech Academy at the Rivers campus in the Phase III building program based on this new regional CTE vision.

Staff recommends that a Center of Advanced Studies be built at the West Ashley High School campus to support the Central Region and Garrett Academy of Technology be renovated to become the Center of Advanced Studies for the North Region in the Phase IV building program. The Southwest Region is so geographically spread out it is not feasible to support the students in this region at a central location. Therefore, staff recommends that both James Island Charter High School and Baptist Hill High School have a dedicated CTE addition constructed in the Phase IV building program.

Stadiums: Staff provided the Board with the cost to upgrade all of the district's high school stadiums, fields and field houses to a similar standard found at other high schools around the state. The cost of doing that exceeded \$100 million. That was far too expensive.

So, the Board also endorsed a regional approach to funding stadium upgrades in the future. It is a best business practice across the nation for communities with multiple high schools to have one central high school stadium versus funding stadiums at each campus. This regional approach is best suited for the East and North Regions.

The district has partnered with the City of North Charleston on the vision of having a regional stadium to support the high schools located in North Charleston: North Charleston HS, Stall HS, Military Magnet Academy, Garrett Academy of Technology and Academic Magnet High School. And, the City is planning to build a new park at the former Chicora Tank Farm. The district has committed to provide funding to relocate the Military Magnet Academy sports fields to this new park so that Chicora Elementary School could be built next to MMA.

The district has also partnered with the Town of Mt Pleasant to provide a regional stadium for Wando High School and the second East Cooper High School at the Wando North Campus. This will enable both schools to play at this new regional stadium and enable the second East Cooper High School to be built at the Wando South campus.

The district has already built a new stadium at West Ashley High School and committed to a cost sharing agreement with the City of Charleston for the City to build a new stadium at Stoney Field to support Burke HS as well as other users in the City of Charleston.

The Southwest Region is too geographically spread out to have a regional stadium. So, the district will have to continue to program upgrades to these stadiums in the future.

Partnerships

The District has leveraged the tax payers' investment in our schools by working collaboratively with all of the communities where our CCSD schools are located. This has enabled communities to actively use (> 3 million hours/year) our campuses after hours for a wide range of activities. The building program has transformed CCSD schools into points of pride in each community. The District has been recognized not only by the SC/NC Recreation Professionals but the Southeast Region of the Council of Educational Facility Planners, International for the outstanding efforts partnering with communities and other public agencies to better serve the county's students and residents.

Here are some examples of noteworthy partnering efforts:

- Charleston County Park and Recreation Commission: CCPRC has a rural recreation mission.
 - CCPRC has built recreation facilities to serve the McClellanville community on St James Santee campus.
 - CCPRC built athletic fields on the Schroder/Blaney campus and uses the Schroder gym and tennis courts at the Baptist Hill campus to serve the Hollywood community.
 - CCPRC has built athletic fields on the Haut Gap campus to serve the Johns Island community.
 - CCSD has master planned the new E.B. Ellington campus to have the potential for CCPRC to build athletic fields to serve the Ravenel community in the future.

- Charleston County Library Commission
 - CCSD provided 2-acres of land to build the Johns Island Public Library on the Haut Gap campus.
 - CCSD has offered the Library Commission the opportunity to build future public libraries on district campuses where there is available land like Berkeley County did at Daniel Island to minimize the land taken off the tax records and save the Library Commission support costs (land, tap and impact, parking, etc).

- City of Charleston:

- The City has a wide range of parks built on or adjacent to schools located in the city.
- Burke High School plays the majority of its sports on City owned parks (Harmon Field, Stoney Field).
- Elementary school children learn to swim at city pools that serve each part of the city.
- The City has developed a plan to upgrade and renovate Stoney Field and the District will be an investor along with the City, Citadel and College of Charleston in this major capital upgrade.
- City of North Charleston:
 - The District incorporated a community facility in the new Daniel Jenkins facility and the city built and maintains a recreation complex on the campus.
 - The District set aside over 10-acres at the new Zucker Middle School campus that will later be developed into an athletic complex by the City similar to the one the City of North Charleston invested at one a new Dorchester 2 middle school.
 - The District renovated the gym at Pinehurst Elementary School that the City uses to support after hour recreation programs.
 - The City has purchased 16-acres of land adjacent to the Military Magnet campus to build the new Chicora Elementary School and the Board approved the transfer of the former Chicora campus to the City in exchange for this property.
 - The District and the Carolina Youth Development Center negotiated an agreement to build the new Liberty Hill Academy on the CYDC campus to serve the District's most fragile students.
 - The Board approved the exchange of the Bethune campus for a new larger campus to build Dunston Elementary School in the Phase IV building program.
- Town of Mt Pleasant:
 - The Town invested \$600,000 in Wando High School to upgrade the auditorium to a performing arts center.
 - The Town has constructed Little League ball fields adjacent to elementary schools as well as major recreation complexes adjacent to the District's Belle Hall and Park West campuses.
 - The Town has required developers to proffer land for community schools as a part of major PUD agreements for Belle Hall, Park West and Carolina Park.
 - The Town built a new Farmers Market and built a pocket park on the Moultrie Middle School campus. The District upgraded Simons Street and the Town signalized the Simons/Coleman Intersection.
 - The Town uses the middle school gyms and Wando South gym for recreation basketball programs and Wando teams use the new Town gym and swimming pool.
 - The District constructed teacher and visitor parking on Town property for Mount Pleasant Academy. This parking is used after hours by community members using the ball fields.
 - The District partnered with the Town and Mt. Pleasant Water Works to build the new Whitesides Elementary School.

- The Town will construct Sweet Grass Blvd from Hamlin Road to Porcher Bluff Road to provide access to the new 2-school Sweet Grass campus for Jennie Moore Elementary School and Laing Middle School.
- The Developer has constructed the extension of Park West Blvd from Carolina Park Blvd to Darrell Creek Train to provide a third entrance into the Wando High School campus.

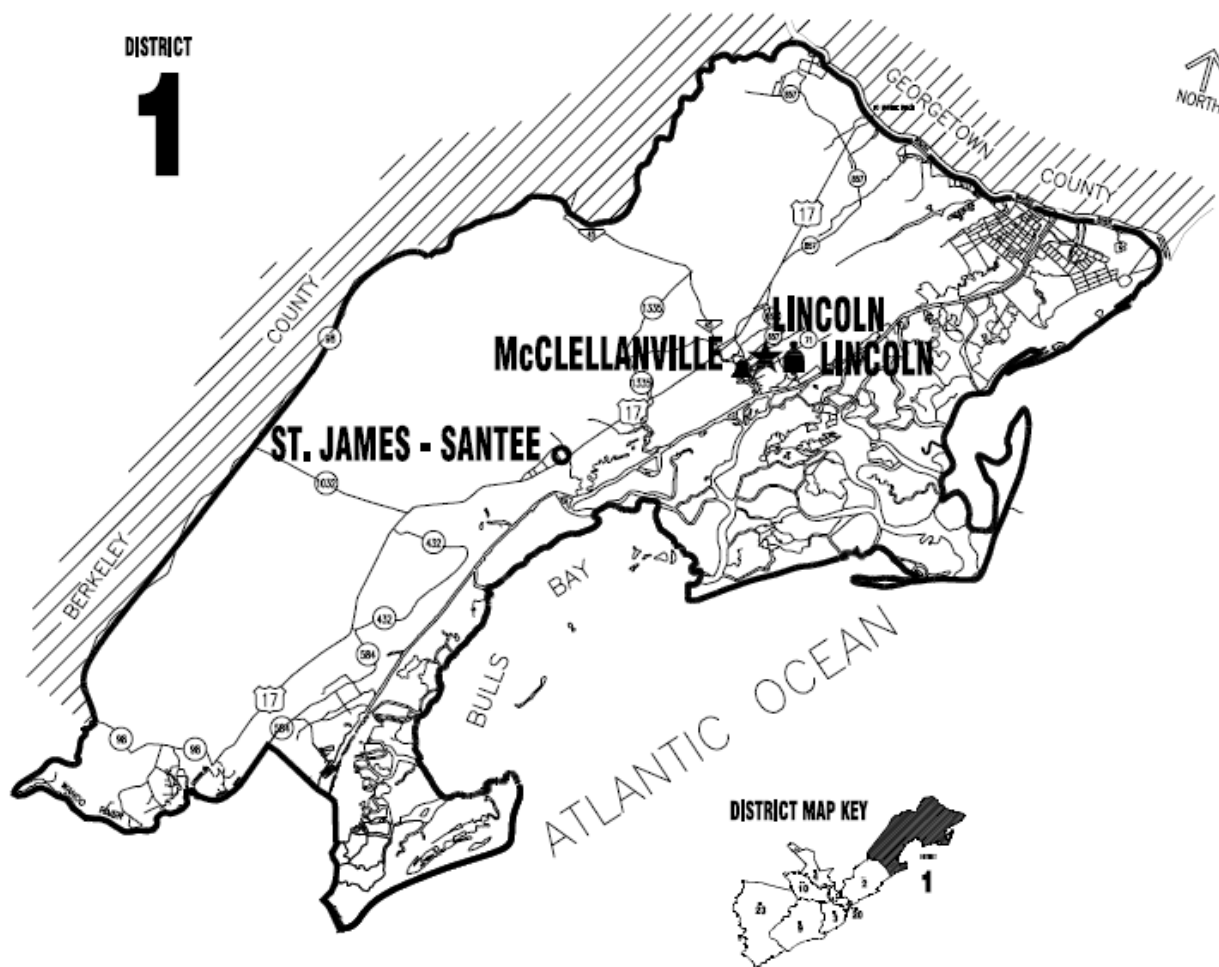
Amount of Monetary Investment in Capital Improvement								
	D1	D2	D3	D4	D9	D10	D20	D23
2000-2004	\$4,494,713	\$99,154,901	\$34,205,912	\$125,757,354	\$17,570,323	\$82,297,210	\$50,617,405	\$19,392,810
2005-2009	\$0	\$123,769,250	\$24,327,852	\$248,104,557	\$18,056,622	\$68,750,882	\$57,262,398	\$15,156,475
2009-2013	\$262,115	\$1,941,260	\$1,466,974	\$6,046,565	\$0	\$13,290,468	\$0	\$4,807,749
2010-2016	\$0	\$123,200,000	\$64,800,000	\$87,175,000	\$9,300,000	\$103,200,000	\$109,750,000	\$0
Totals	\$4,756,828	\$348,065,411	\$124,800,738	\$467,083,476	\$44,926,945	\$267,538,560	\$217,629,803	\$39,357,034
Grand Total	\$1,514,158,795							
% of Grand Total	0.31%	22.99%	8.24%	30.85%	2.97%	17.67%	14.37%	2.60%

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT 1: ST. JAMES-SANTEE CONSTITUENT DISTRICT

FEEDER SYSTEM



1

Phase IV - BUILDING PROGRAM
SECTION 1-ST. JAMES-SANTEE CONSTITUENT DISTRICT
DRAFT for Board Workshop February 19, 2014

DISTRICT 1 SCHOOL

HIGH SCHOOL (1)



Lincoln High School (7-12)

Middle Schools = (1)



McClellanville Middle School (inactive)

ELEMENTARY SCHOOLS = (1)



St. James-Santee Elementary (CD-6)

TOTAL ACTIVE SCHOOLS: 2

DEMOGRAPHICS:

District 1 is CCSD’s smallest Constituent District in terms of enrollment. It serves the northeast part of the county from Awendaw to the McClellanville area. This is a rural area and growth is constrained by the Francis Marion National Forest. The population decreased 5.3% between 2000 and 2010 with the largest decrease being in the school age part of the population. The elementary school age children decreased 48%, the middle school age children dropped 54% and the high school age population dropped 32%.

DISTRICT 1			
Age Group	Population 2000	Population 2010	% Change
Under 5	221	218	-1.36
5 to 9	285	148	-48.07
10 to 14	370	169	-54.32
15 to 19	358	297	-17.04
20 to 24	207	230	11.11
25 to 29	197	201	2.03
30 to 34	179	160	-10.61
35 to 39	302	180	-40.40
40 to 44	334	207	-38.02
45 to 49	345	293	-15.07
50 to 54	323	374	15.79
55 to 59	249	378	51.81
60 to 64	178	328	84.27
65 to 69	155	237	52.90
70 to 74	156	144	-7.69
75 to 79	95	116	22.11
80 to 84	74	98	32.43
Over 84	42	75	78.57
Total	4070	3853	-5.33

District 1, Population Change by age group (COG School Enrollment Analysis Draft)

DISTRICT 1			
Age Group	Population 2000	Population 2010	% Change
Under 5	221	218	-1.36
5 to 9	285	148	-48.07
10 to 14	370	169	-54.32
15 to 17	248	169	-31.85
18 and 19	110	128	16.36

District 1, Under 20 Population Change (COG Report School Enrollment Analysis Draft)

DISTRICT 1 BUILDING PROGRAM ACCOMPLISHMENTS

PROJECTS PRIOR TO 2000

97-1: **McClellanville Middle School-** A whole school renovation of the historic school with a raised classroom addition to serve as a middle School.

2000-2004 BUILDING PROGRAM PROJECTS:

01-1: **Lincoln High School-** Critical needs work that renovated the instructional building and vocational buildings, new fire alarm systems, and air-conditioned the gym.

01-2: **McClellanville Middle School-**Critical needs work that included restroom additions at gymnasium, new covered walks, exterior painting, and upgraded exterior lighting.

01-3: **St. James-Santee Elementary School-** Critical needs upgrade of the HVAC equipment, new fire alarm system, and roof replacement. Additionally, this project included the construction of a new Child Development Center that will open SY 2003/2004.

01-4: **Sewer System-** This project extended a sewer line to provide an “off-site” sewer disposal field to meet SCDHEC mandated upgrades and to get McClellanville MS off of septic tanks, installed a new liner and spray system at the sewage lagoon on the Lincoln HS

2005-2010 BUILDING PROGRAM PROJECTS:

None required

2011-2016 BUILDING PROGRAM PROJECTS:

01-1: **Lincoln High School (FCO)** – Bathroom and CTE renovations.

Year (Fall Semester)	Capacity	Actual enrollment numbers				Projected enrollment numbers						
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
SCHOOL												
ST JAMES-SANTEE ES	377	205	221	284	194	184	189	182	185	183	183	177
MCCLELLANVILLE MS	258	0	0	0	0	0	0	0	0	0	0	0
LINCOLN HIGH SCHOOL	452	153	122	130	138	144	143	136	137	131	129	128
SUM	829	358	343	414	332	328	332	318	322	314	312	305

The future is a forecast number based on enrollment history and census data.
 In 2009, McClellanville Middle closed and 6th grade went to the elementary school, 7 & 8th went to Lincoln HS.
 Capacity figures are for the building(s) only, not for mobile classrooms if any. Lincoln capacity with mobiles is 578.
 Capacity is the Program Capacity, not the maximum capacity.

LEGEND

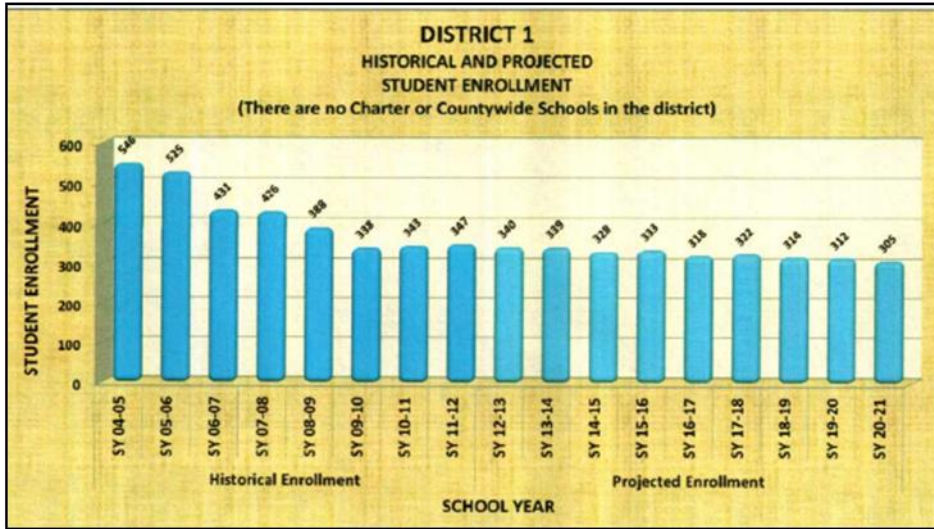
Under 90% Capacity
90% to 100% Capacity
101% to 110% Capacity
111% and above Capacity
This represents a closed school

Prepared for the Capital Programs Department

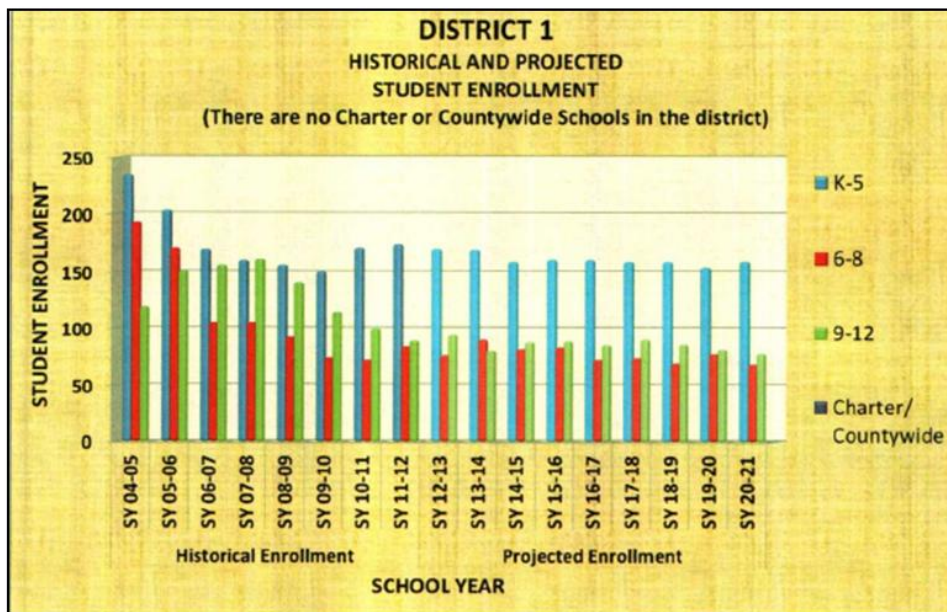
January 2014

ENROLLMENT COMMENTS:

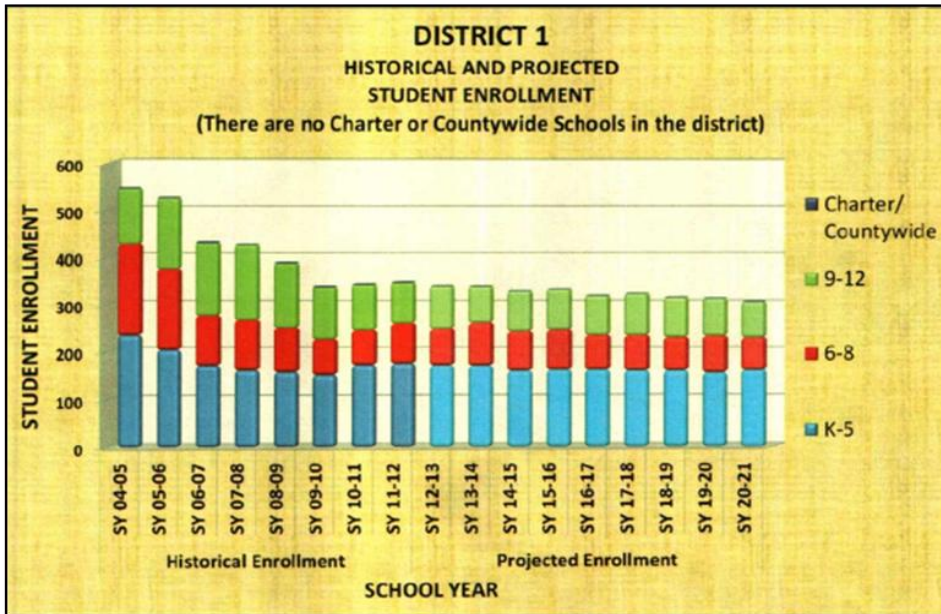
Enrollment is less than school capacity at both the elementary and MS/HS levels. The Census data shows the major loss of population in this rural area.



District 1, Historical and Projected Enrollment (COG School Enrollment Analysis Draft)



District 1, Total Historic and Projected Enrollment by Grade Grouping (COG School Enrollment Analysis Draft)



District 1, Total Historic and Projected Enrollment by Grade (COG School Enrollment Analysis Draft)

District 1 Live In/Attend Summary

SCHOOL	Grade Config	Total Enrollment	Constituent District	Matched	Unmatched	Out of Count	Total Live-In (Grade)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
St. James-Santee Elementary School	PK-6	256	1	255	1	2	326	244	12	82
Lincoln Middle-High School	7-12	154	1	154			231	151	3	80

PLANNING ISSUES:

Life Safety:

Lincoln High School is built at ground level. The school is not raised above the flood plain in McClellanville. This makes this school very vulnerable in the event of another major hurricane. The McClellanville Middle School campus is raised, but when it was renovated in 1994 it was not seismically retrofitted.

Growth:

The area continues to experience a decline in school age children. The decrease in enrollment has required the district to close McClellanville Middle School as a part of the school redesign process. The decrease in enrollment is also due to many families requesting to transfer out of District 1 schools to other larger district schools where there are more options available to their students. One fourth of the students who live in District 1 request voluntary transfers out of St James Santee and one third of the students who live in District 1 requests voluntary transfers out of Lincoln MS/HS. This out of district transfer is expected to increase in the future with new families moving into the Awendaw area.

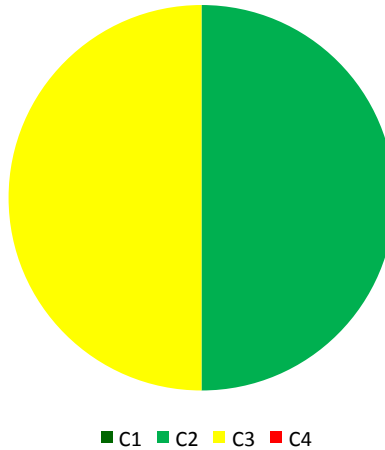
Programmatic:

The enrollment at Lincoln MS/HS has dropped below the critical mass and is far below the district's recommended 500-student minimum size. This causes the average per pupil operating cost to be 3x the district per pupil spending and above private school tuition. The enrollment will probably drop lower once the new Wando Center of Advance Studies opens in summer 2014 and Laing Middle School opens summer 2015.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 1 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
Lincoln Middle/High School	1	HS	C3	C2	C3	C2	C3	Partial Demo
McClellanville MS (closed)	1							Renovated & Expand
St. James Santee ES	1	ES	C3	C2	C2	C2	C2	Capital Maintenance

DISTRICT 1 SUMMARY



OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

1-1 Lincoln Middle High School – (Options Ranked Lowest Cost to Highest Cost)

Option 1 - Selectively renovate and modernize Lincoln campus as an interim solution. The future of Lincoln MS/HS needs to be tied to growth in District 2 (a fourth Middle School and a second High School) to provide better and more cost effective options for District 1 students. There would be space for additional high school students that would provide District 1 high schools students with a much greater range of instructional opportunities when the second East Cooper High School is opened. Moreover, the proposed fourth middle school is proposed to be located near Awendaw to serve the fast growing parts of North Mt Pleasant and Awendaw. That would provide improved Middle School opportunities for District 1 middle school students.

Option 2 - Make Lincoln Middle High School at two campus school by seismically retrofitting, renovating and building a 10,000 sf classroom addition onto the McClellanville Middle School to become the academic campus to support Lincoln Middle High School. And, demolish the Lincoln campus to become the CTE and athletic campus by keeping the CTE facility, gym and stadium to support Lincoln Middle High School.

Option 3 – Purchase a parcel of land adjacent to the St James Santee campus to build a new Lincoln MS/HS campus (75,000 sf). Attempt to sell off Lincoln and McClellanville campuses to offset cost of the new campus. This option would cost in excess of \$200,000/student.

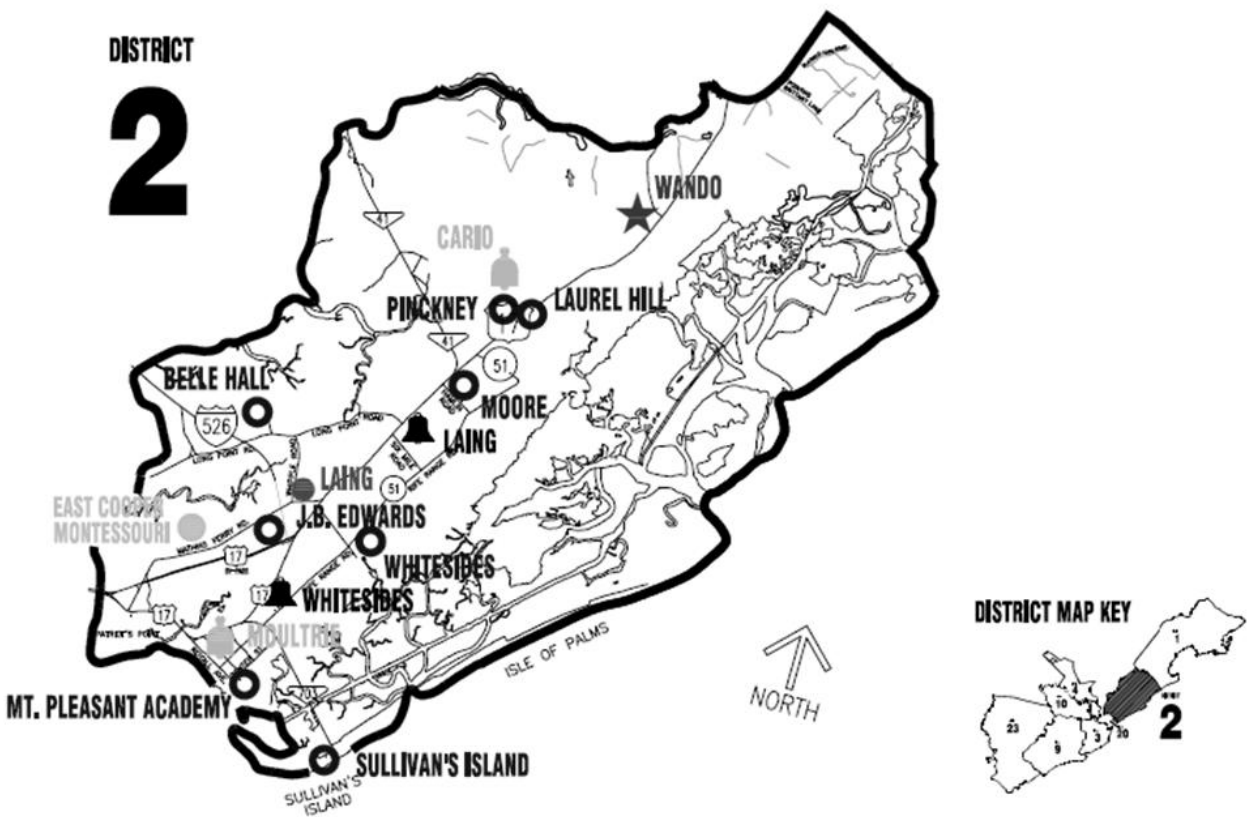
Capital Maintenance Projects -Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, Carpets, IT infrastructure, door hardware, etc) to the schools that were built or renovated in the 1997-2005 time frame, The Facility Condition Assessment will develop the detailed scopes of work to be done at these schools.

01-1: St James Santee Elementary School

01-2: Lincoln MS/HS (Option 1)

DISTRICT 2: MOULTRIE CONSTITUENT DISTRICT

FEEDER SYSTEMS



DISTRICT 2 SCHOOLS

HIGH SCHOOLS = (1)



Wando HS



Wando Center of Advance Studies

MIDDLE SCHOOLS = (3)



Moultrie MS



Laing MS



Cario MS

ELEMENTARY SCHOOLS = (8)



Sullivan's Island ES



Mt. Pleasant Academy



Whitesides ES



J.B. Edwards ES



Belle Hall ES



Pinckney ES



Laurel Hill PS



Jennie Moore ES

CHARTER SCHOOLS = (1)



DEMOGRAPHICS:

District 2 is a large and growing district covering Mt Pleasant and the smaller surrounding communities east of the Cooper. The large area includes nearly built out Old Mt Pleasant and the fast growing areas beyond Highway 41. There has been a large increase in student population and housing units mostly in the northern and eastern parts of the district. The factors most likely spurring housing growth and student population growth in District 2 is the desirability of the area as a place to live, housing options and high quality schools.

DISTRICT 2			
Age Group	Population 2000	Population 2010	% Change
Under 5	4240	4587	8.18
5 to 9	4229	5430	28.40
10 to 14	4252	5618	32.13
15 to 19	3315	4548	37.19
20 to 24	2940	3689	25.43
25 to 29	4450	5154	15.55
30 to 34	5020	5106	-.71
35 to 39	5504	5915	7.47
40 to 44	5358	6230	16.27
45 to 49	4997	6522	30.52
50 to 54	4369	5948	36.14
55 to 59	3078	5697	85.09
60 to 64	2313	5174	123.69
65 to 69	1829	3537	93.33
70 to 74	1634	2335	42.90
75 to 79	1416	1677	18.43
80 to 84	842	1374	63.18
Over 84	779	1479	89.85
Total	60575	80020	32.10

District 2 Population Change by age group (COG School Enrollment Analysis Draft)

DISTRICT 2			
Age Group	Population 2000	Population 2010	% Change
Under 5	4240	4537	8.13
5 to 9	4229	5430	28.40
10 to 14	4252	5618	32.13
15 to 17	2294	3184	38.80
18 and 19	1021	1364	33.59

District 2 Under 20 Population Change (COG Report School Enrollment Analysis Draft

CCSD BUILDING PROGRAM ACCOMPLISHMENTS:

PROJECTS PRIOR TO 2000:

- 02-1: **Pinckney Elementary School** –Constructed a new elementary school with a capacity for 800-students.
- 02-2: **Cario Middle School** – Constructed a new middle school with a capacity for 900-students that can be expanded to 1,200-students at a later date.

2000-2005 (PHASE 1) BUILDING PROGRAM PROJECTS:

- 02-1: **Wando High School** - Constructed a new 3,100-student state of the art high school to replace the former overcrowded and obsolete Wando High School. The new campus opened for SY 2004/2005.
- 02-2: **Wando South** - Critical need upgrades to the HVAC at the current school to keep it operational as a future swing space campus.
- 02-3: **Moultrie Middle School** - Critical need repairs to HVAC, roofing, fire alarm and exterior doors.
- 02-4: **Laing Middle School** -Critical need repairs to HVAC, roofing, fire alarm, plumbing, and exterior doors.
- 02-5: **Sullivan’s Island Elementary School** - Critical needs repairs to HVAC and fire alarm.
- 02-6: **Mt. Pleasant Academy** - Critical needs repairs to roofing, fire alarm, windows, and construction of a new set of bathrooms to serve the mobile classrooms on the campus.
- 02-7: **Whitesides Elementary School** - Critical needs repairs to electrical, fire alarm, plumbing, and windows
- 02-8: **J. B. Edwards Elementary School** - Critical needs repairs to HVAC, roofing, exterior doors, and fire alarm.
- 02-9: **Belle Hall Elementary School** - Critical needs repairs to exterior doors and fire alarm.

- 02-10: **Jennie Moore Elementary School** - Critical need repairs to HVAC, roofing, windows, exterior painting, and fire alarm.
- 02-11: **Fire Alarm Upgrades** - Replace the fire alarm systems and exterior doors to comply with South Carolina's Fire Marshall's code requirements for all schools in District 2.
- 02-12: **New Laurel Hill Primary School** - Constructed a new 900 student primary school for grades CD-2 to relieve the over-crowding at Pinckney Elementary School. This new primary school will open for SY 2005/2006 and due the continued growth will open near capacity.
- 02-13: **Expand Belle Hall Elementary School** - Constructed 2 additional pods onto the current school to provide additional classroom space to remove mobile classrooms from the campus. These new classrooms opened for the start of SY 2004/5.
- 02-14: **Expand J. B. Edwards Elementary School** - Constructed 2 additional pods onto the current school to provide additional classroom space to remove mobile classrooms from the campus. These new classrooms opened for the start of SY 2004/5.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECTS:

- 02-1: **Moultrie Middle School** – Constructed a new middle school with a capacity for 900-students that has the future ability to expand to 1,200-students.
- 02-2: **Cario Middle School** – Expanded Cario Middle School to increase capacity to 1200-students.
- 02-3: **Mt. Pleasant Academy** - Constructed a new elementary school with a capacity for 500-students.
- 02-4: **Whitesides Elementary School** – Constructed a new elementary school with a capacity for 800-students.
- 02-5: **Advance Design for a new 3-school campus:** Master planned the expanded Jennie Moore Campus for a 2-school complex for a new 1,200-student elementary school (CD-5) and a 1,200-student Laing Middle School. This project funded the design of these new schools to the DD level to be able to fast track the project in next building program.
- 02-06: **Advance Design for the Wando Middle College-** Master planned the expanded Wando High School campus to add a new facility with a capacity for 600-students to expand the career offerings for students in the eastern zone under the district's regional plan. The project funded the design of the middle college to the DD level to be able to fast track the project in the next building program.
- 02-7: **Land:** Completed the purchase of a 5-acre parcel to expand the Wand South campus, a 30-acre parcel to expand the Jennie Moore campus and a 10-acre parcel to build the new Whitesides Elementary School.

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

- 02-1: **Wando Center of Advance Studies** – Construct a new 120,000 sf advanced studies facility on the Wando campus with outlying Auto Shop and Green House. This project also added a third entrance to the campus and expanded the cafeteria and sports medicine spaces. Open summer 2014.
- 02-2: **Sullivans Island Elementary School** – Construct a new 500-student partial magnet elementary school. Open summer 2014.
- 02-3: **Jennie Moore Elementary School** – Construct a new 1,200 student arts infused elementary school. Open summer 2015.
- 02-4: **Laing Middle School** - Construct a new 1,200-student math and science partial magnet middle school. Open summer 2015.

ENROLLMENT TRENDS VS CAPACITY

School Year (Fall)	Capacity	Actual enrollment				Forecasted enrollment						
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
School												
Mt. Pleasant Academy	580	502	507	538	568	573	574	567	549	545	547	549
Whitesides	726	643	658	657	657	663	649	668	657	679	662	671
Sullivan's Is. Swing	445	341	416	414	462							
S Island (new bldg)	500					452	426	415	376	383	378	383
Belle Hall	756	813	781	758	740	733	720	688	702	680	683	672
Jenny Moore (Swg)	650	722	761	760	765	761						
Jenny Moore New	1200						746	751	718	729	755	763
Pinckney	1047	1028	1060	1147	1251	1245	1199	1131	1117	1109	1113	1133
Laurel Hill	901	1126	1127	1103	1068	1060	1021	963	951	945	948	965
J. B. Edwards	750	583	571	608	557	567	559	599	611	630	631	630
Laing MS (while at Wando Sout	581	509	604	622	666	619						
New Laing MS	1200						648	668	688	664	649	622
Moultrie MS	890	939	903	917	817	940	990	1024	1058	1018	991	945
Cario MS	1357	1275	1364	1357	1312	1336	1412	1466	1519	1458	1417	1346
Wando HS	3007	3396	3485	3565	3694							
Wando HS with Tech Ctr	3607					3807	3908	3968	4009	4155	4272	4407
Sum	13514	11877	12237	12446	12557	12756	12852	12908	12955	12995	13046	13086
East Cooper Montessori Charte	190	181	239	279	263	296	332	365	398	430	460	492
Total	13704	12058	12476	12725	12820	13052	13184	13273	13353	13425	13506	13578

Numbers are from the District 2 tenth day of school year for past and present until 2011 when 7th day became standard. The future is a projected number. Capacity figure represents the building program capacity only, and does not include mobile classroom capacity, if mobiles are present. If a school is currently under construction, the capacity of the school is listed on two lines, present & future.

LEGEND

Under 90% Capacity
90% to 100% Capacity
101% to 110% Capacity
111% and above Capacity
Moved out of swing space

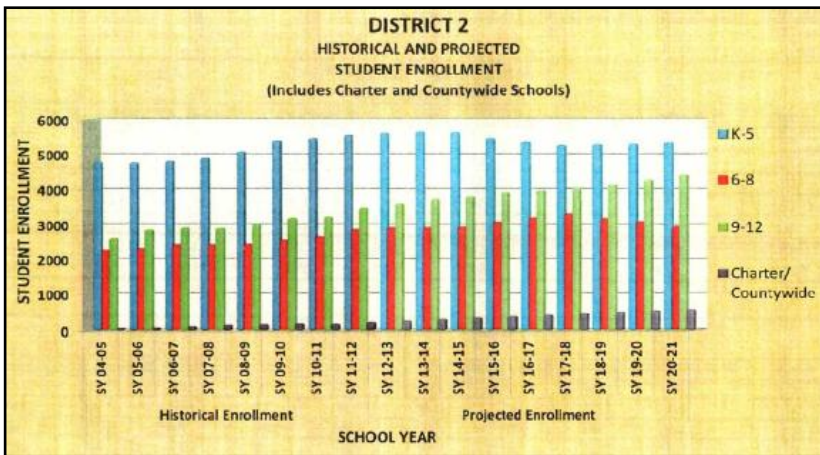
Prepared for the Capital Programs Department
January 2014

ENROLLMENT COMMENTS:

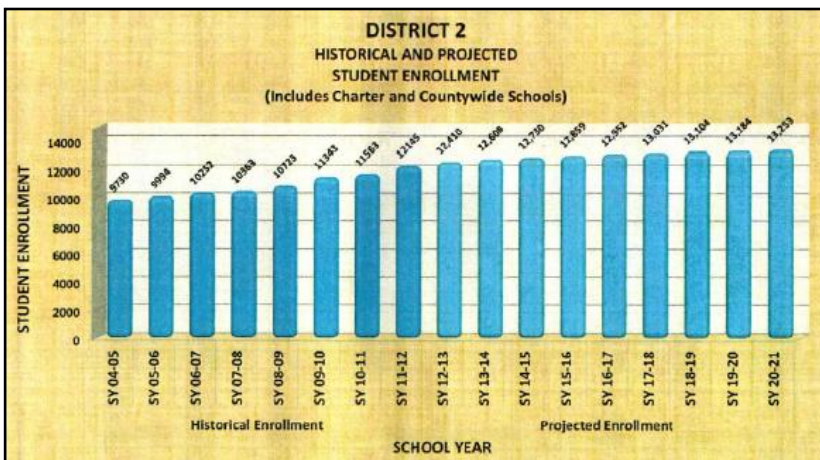
Elementary Schools: The proposed redistricting in summer 2015 when the new larger Jennie Moore Elementary School opens will provide temporary relief. But, the projected enrollment at the Park West Schools makes the case for a new Carolina Park Elementary School.

Middle Schools: The proposed redistricting in summer 2015 when the new larger Laing MS opens will relieve the MS overcrowding but require the Constituent District to manage voluntary transfers wisely.

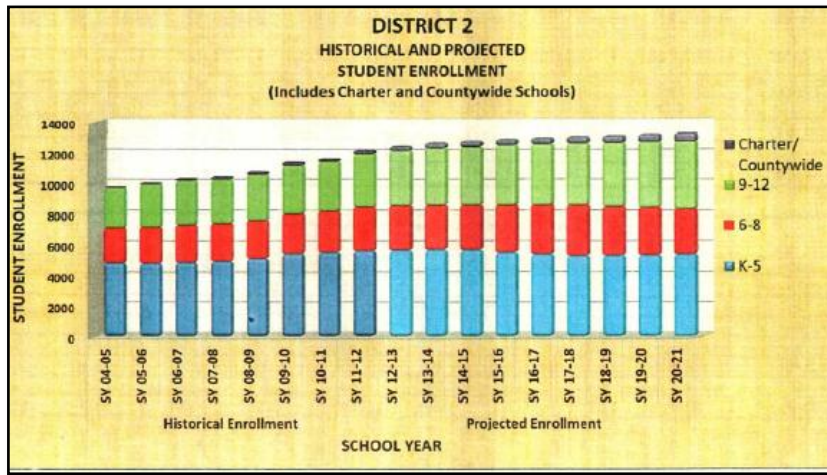
High School: The opening of the Wando Center of Advanced Studies will provide temporary relief. But, the projected enrollment makes the case for the second high school.



District 2, Historical and Projected Enrollment (COG School Enrollment Analysis Draft)



District 2, Historical and Projected Enrollment (COG School Enrollment Analysis Draft)



District 2, Total Historic and Projected Enrollment by Grade/Stacked (COG School Enrollment Analysis Draft)

District 2 Live In/Attend Summary

SCHOOL	Grade Config	Total Enrollment	Constituent District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
Belle Hall Elementary School	PK-5	735	2	733	2	1	741	644	89	97
Charles Pinckney Elementary School	3-5	1251	2	1250	1	12	1310	1225	25	85
James B. Edwards Elementary School	PK-5	578	2	577	1		711	513	64	198
Jennie Moore Elementary School	PK-5	760	2	758	2	3	814	669	89	145
Laurel Hill Primary School	PK-2	1075	2	1073	2	8	1149	1042	31	107
Mamie P. Whitesides Elementary School	PK-5	654	2	654		3	708	547	107	161
Mt Pleasant Academy	PK-5	566	2	562	4	7	415	371	191	44
Sullivan's Island Elementary School	PK-5	465	2	462	3		296	276	186	20
Laing Middle School	6-8	667	2	667		1	590	432	235	158
Moultrie Middle School	6-8	821	2	818	3	2	778	651	170	127
Thomas C. Cario Middle School	6-8	1310	2	1309	1	8	1605	1264	46	341
Wando High School	9-12	3688	2	3681	7	30	4040	3507	174	533

PLANNING ISSUES:

Life Safety:

None

Growth:

The build out of Carolina Park will require a new elementary school be built there as the number 1 District 2 priority for Phase IV.

The district must also consider purchasing land in the Awendaw area of Highway 17 as a future fourth middle school site to serve District 1 and District 2 middle school students.

The projected increase in high schools students will also require the district to start up and later build a second high school located on the Wando South campus. The district will have to expedite the relocation of the football stadium to the Wando North campus.

Any decision on Daniel Island annexing into Charleston County and the residents choosing to attend Charleston County School District will have an impact on District 2. There is already a K-8 school on Daniel Island. So, it is not expected that this decision will have an impact on elementary or middle school enrollment in the near term. But, it would have an impact on the high school enrollment in District 2. This decision would accelerate the need to build a second high school.

Programmatic:

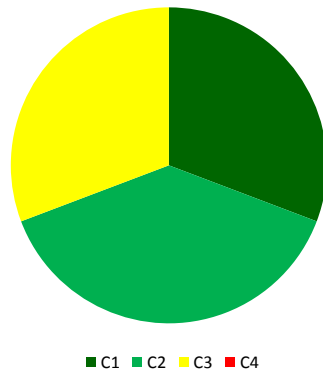
The Board commissioned a Neighborhood Planning Team to consider potential uses for the former Whitesides campus. The make ready costs for a District 2 magnet school or for the East Cooper Montessori School would have to be funded from FCO funds to start up this new school in SY2014/15 and any expansion costs would be funded in the follow on building program. Any future “make ready” costs to renovate the former Laing campus to become the new campus would have to be funded from the Phase IV Building Program.

The most pressing programmatic issue that must be addressed is the community gaining consensus on the size, programmatic focus and time frame to start up the second high school.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 2 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
Wando HS	2	HS	C2	C3	C2	C2	C2	
Wando Center of Advance Studies (new)	2		C1	C3	C1	C1	C1	
Moultrie MS	2	MS	C2	C3	C2	C2	C2	
Laing MS (new)	2	MS	C1	C2	C1	C1	C1	
Thomas Carlo MS	2	MS	C3	C4	C3	C2	C3	Capital Maintenance
Mt. Pleasant Academy	2	ES	C2	C2	C2	C2	C2	
Sullivan's Island ES (new)	2	ES	C1	C2	C1	C1	C1	
James B. Edwards ES	2	MS	C3	C2	C3	C2	C3	Capital Maintenance
Belle Hall ES	2	MS	C3	C3	C2	C2	C2	Capital Maintenance
Whiteside ES	2	ES	C2	C2	C2	C2	C2	
Jennie Moore ES (new)	2	MS	C1	C2	C1	C1	C1	
Laurel Hill Primary School	2	ES	C2	C4	C3	C2	C3	
Charles Pinckney ES	2	ES	C3	C4	C2	C2	C3	Capital Maintenance
East Cooper Montessori School	2	CHARTER						
Carolina Park ES (proposed)	2	ES						New School
Laing Campus (Closed)	2							
Whiteside Campus (swing)	2							

DISTRICT 2 SUMMARY



OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6-Year Program

- 2-1: **Carolina Park Elementary School-** Site adapt the new Jennie Moore Elementary School to build a new 900-student school with a 1,200 student core.
- 2-2: **Advance Design a Second High School -** Program funds to upgrade Wando South to start the second high school in SY2016/17 and program funds to plan and design the new high school to the DD level.
- 2-3: **East Cooper Advanced Studies School (K-8)** – Expand the former Whitesides campus by demolishing the annex and building a 2-story academic wing and a gym to convert the campus to support a K-8 advance studies program.
- 2-4: **Wando Stadium** – Build a new stadium at Wando North campus to allow the district to build the new high school at the Wando South campus.

9-Year Program

- 2-5: **New District 2 High School-** Construct a new 1,500-student high school on the Wando South campus.
- 2-6: **Former Laing-** Renovate the former Laing campus for a District 2 Magnet or Community Elementary School.
- 2-7: **Land for Fourth MS** – Purchase a parcel of land near Awendaw on State Road 17 to support a future fourth Middle School.

Capital Maintenance Projects -Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, Carpets, IT infrastructure, door hardware, etc) to the schools that were built or renovated in the 1997-2005 time frame, The Facility Condition Assessment will develop the detailed scopes of work to be done at these schools.

02-CM1: Pinckney Elementary School

02-CM2: Cario Middle School

02-CM3: Wando High School

02-CM4: Belle Hall Elementary School

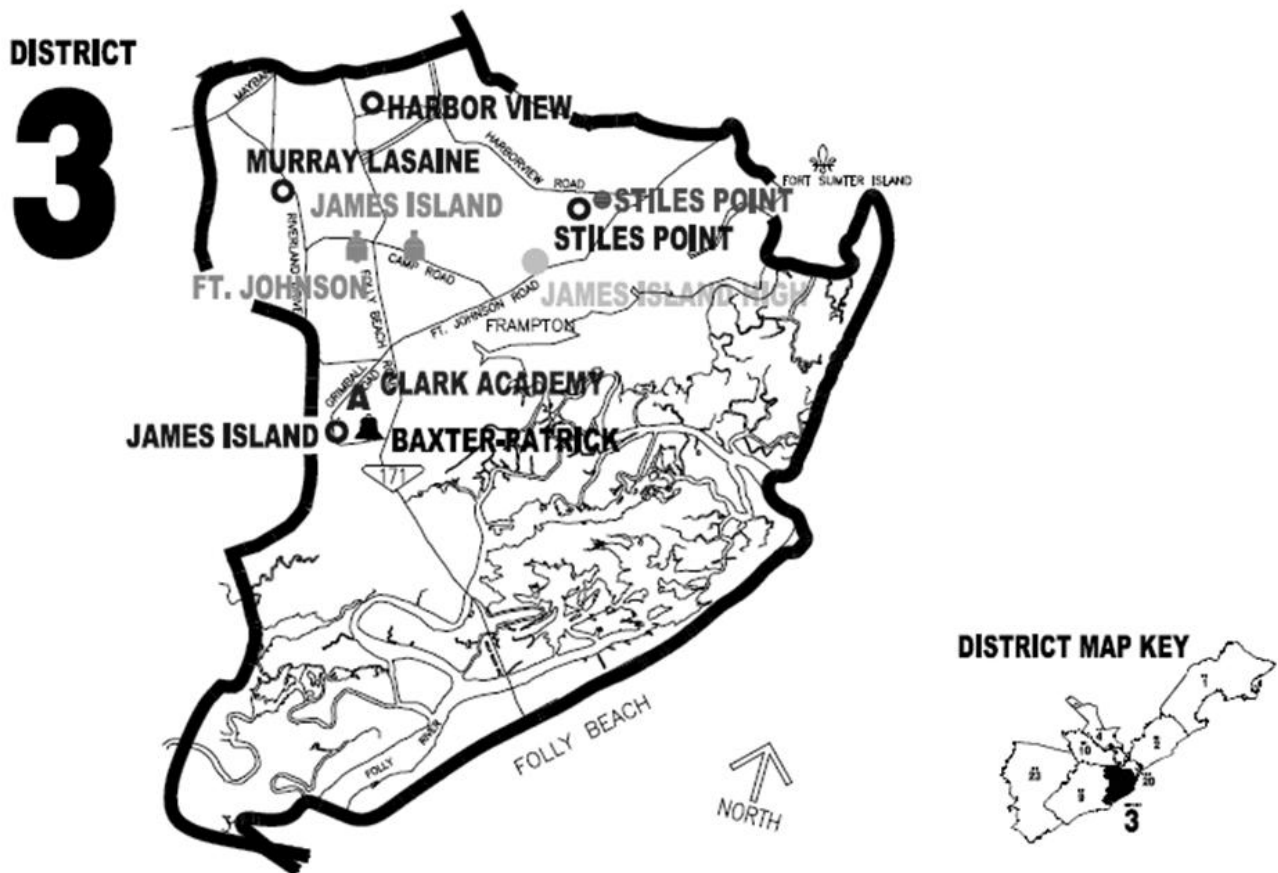
02-CM5: J.B. Edwards Elementary School

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT 3: JAMES ISLAND CONSTITUENT DISTRICT

FEEDER SYSTEM:



DISTRICT 3 SCHOOLS

HIGH SCHOOLS = (2)



James Island Charter HS



Septima Clark Academy

MIDDLE SCHOOLS = (2)



James Island MS



Ft. Johnson MS

ELEMENTARY SCHOOLS = (4)



Murray LaSaine ES



Stiles Point ES



Harbor View ES



James Island ES

DEMOGRAPHICS:

The total population of District 3 increased 2.0% from 33,871 in 2000 to 38,249 in 2010. The James Island population is starting to age out with a large increase in the 50-69 age groups and a decrease in the school age population.

DISTRICT 3			
Age Group	Population 2000	Population 2010	% Change
Under 5	1791	1981	10.61
5 to 9	1853	1782	-3.83
10 to 14	2200	1679	-23.68
15 to 19	1902	1772	-6.83
20 to 24	2286	2981	30.40
25 to 29	2616	4080	55.96
30 to 34	2385	3178	33.25
35 to 39	2717	2482	-8.65
40 to 44	2817	2296	-18.49
45 to 49	2627	2583	-1.67
50 to 54	2374	2755	16.05
55 to 59	1828	2546	39.28
60 to 64	1545	2320	50.16
65 to 69	1330	1821	36.92
70 to 74	1308	1318	0.76
75 to 79	1116	1002	-10.22
80 to 84	693	875	26.26
Over 84	483	798	65.22
Total	33871	38249	12.93

Population Change by age group (COG School Enrollment Analysis Draft)

DISTRICT 3			
Age Group	Population 2000	Population 2010	% Change
Under 5	1791	1981	10.61
5 to 9	1853	1782	-3.83
10 to 14	2200	1676	-23.68
15 to 17	1223	1080	-11.69
18 and 19	679	592	-9.1

Under 20 Population Change (COG Report School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

PROJECTS PRIOR TO 2000:

03-1: **James Island Middle School:** Completed a whole school renovation and expansion.

2000-2005 (Phase 1) Building Program Projects:

- 03-1: **James Island Charter High School** - Expand the school's cafeteria into a cafeteria with a stage and build a new academic wing. Additionally, upgrade the electrical system to provide technical power and data drops to the classrooms and paint and renovate the entire school as well as air condition the gym and install a new fire alarm system for the school.
- 03-2: **Septima Clark Corporate Academy** - Critical need repairs to install new windows and air conditioners as well as paint the classrooms.
- 03-3: **Ft. Johnson Middle School** - Whole school renovation of the campus. Construct a new stand-alone cafeteria and convert the former cafeteria into a state of the art media center. The scope of the project was expanded by the Board of Trustees to completely renovate and air condition the gym.
- 03-4: **James Island Elementary School** - Construct a new 600-student elementary school to relieve the overcrowding at the other 3 elementary schools on James Island.
- 03-5: **Murray LaSaine Elementary School** - Critical needs repairs that included fire alarm, painting, exterior doors, and sound panels.
- 03-6: **Harbor View Elementary School** – Construction of parking and a bus loop. Also, critical needs repairs that included restroom renovations, fire alarm, and HVAC replacement.
- 03-7: **Stiles Point Elementary School** - Construction of a car pick up loop and critical needs repairs that included HVAC, carpet replacement, canopy, and fire alarm.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECTS:

- 03-1: **Stiles Point Elementary School** – Constructed a new elementary school with a capacity for 650-students.
- 03-2: **James Island Charter High School Expansion** – Purchased a 13-acre parcel adjacent to the current campus to relocate sports fields to master plan the campus into a state of the art AAAA high school.
- 03-3: **Harborview Elementary School** –Completed an advance design of a new 600-student elementary school to the Design Development stage to build a new school on the current campus.

03-4: **Septima Clark (QSCB)** - Complete life safety upgrades

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

- 03-1: **Harborview Elementary School** – Constructed a new 600-student elementary school. (Open summer 2014)
- 03-2: **James Island Charter High School** – Completed phase 3 of the renovation/addition of the James Island Charter High School campus to include: construction of a new performing arts center, new front entrance and welcome center, field house and expansion of the media center. The project also relocated the athletic fields to the new land purchase in phase 2 and constructed additional student parking.
- 03-3: **Murray LaSaine Montessori** – Whole school renovation of Murray LaSaine campus to support the school offering Montessori for primary, Early El and Upper El grades.

ENROLLMENT TRENDS VS CAPACITY

District 3 Schools		Actual enrollment numbers					Projected enrollment numbers					
Year (Fall semester)	Capacity	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
School												
Harbor View	546	585	571	550	534							
New H View ES	600					536	567	582	600	600	611	646
Stiles Point	724	683	699	729	722	698	702	735	751	761	786	804
Murray-LaSaine	347	176	254	267	310	309						
Montessori Murray-LaSaine	350						307	323	320	319	315	315
James Island ES	555	498	459	495	493	493	488	485	483	475	473	468
James Island MS	509	389	368	346	355	385	404	407	399	396	416	412
Fort Johnson MS	509	529	530	525	524	549	574	578	568	563	590	585
Clark Academy Program	128	128	116	130	133	130	130	130	130	130	130	130
Sum	3921	2988	2997	3042	3071	3100	3172	3240	3251	3244	3321	3360
James Is. Charter HS	1600	1409	1373	1329	1362	1498	1511	1531	1585	1622	1659	1611
Total all District 3 Schools	5521	4397	4370	4371	4433	4598	4683	4771	4836	4866	4980	4971

Numbers are from District 3 tenth day enrollment data for past and present, until 2011 when the 7th day became standard. The future is a forecast number.
 Capacity figures represent the current program capacity.
 Program capacity figures are for the building only, and do not include mobiles classrooms, if present.
 Clark Academy is a Program School; assume level yearly attendance.

LEGEND

Under 90% Capacity
90% to 100% Capacity
101% to 110% Capacity
111% and above Capacity
Old building or swing space

Prepared for the Capital Programs Department
 January 2014

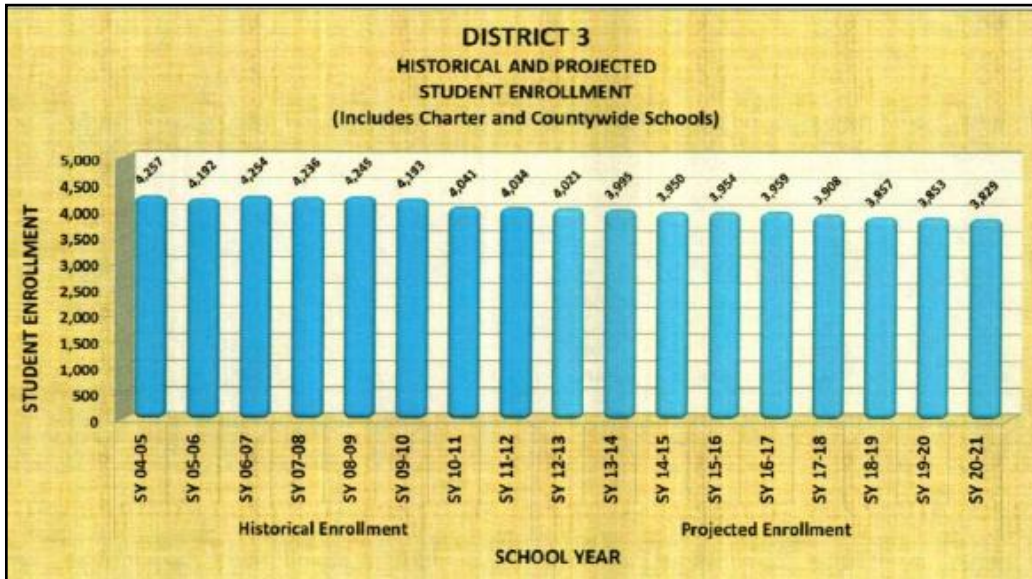
Note: A school with a blue field is a school, such as a Magnet Program school, whose enrollment is capped at the Program Capacity listed, regardless of the colors generated in the Legend above.

ENROLLMENT COMMENTS

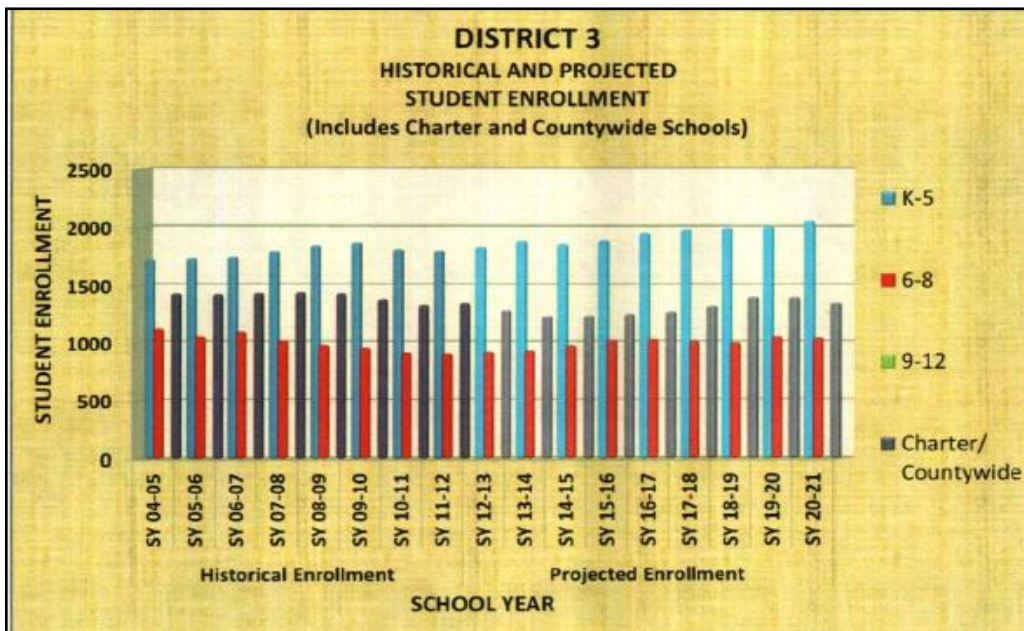
The new Harborview ES and Stiles Point ES will continued to be stressed until a new Haut Gap Elementary School is built on Johns Island. The apparent overcrowding is not from students living on James Island.

A proposed new Ft Johnson Middle School will address the projected MS overcrowding.

The enrollment for James Island Charter High School is capped at 1,500. The James island high school enrollment is far below that capacity but there are over 490 students from Johns Island and West Ashley that choose to attend this school versus their community high school.



Total Historic and Projected Enrollment (COG School Enrollment Analysis Draft)



Historical and Projected Enrollment by Grade (COG School Enrollment Analysis Draft)

District 3 Live In/Attend Summary

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
Harbor View Elementary School	PK-5	540	3	539	1	1	425	321	218	104
James Island Elementary School	PK-5	504	3	504			615	410	94	205
Murray LaSaine Elementary School	PK-5	342	3	341	1		359	195	146	164
Stiles Point Elementary School	PK-5	717	3	717			703	599	118	104
Fort Johnson Middle School	6-8	525	3	524	1	1	483	377	148	106
James Island Middle School	6-8	351	3	350	1	2	424	262	89	162
James Island Charter High School	9-12	1473	3	1469	4	4	1187	982	491	205

Planning Issues:**Life Safety:**

Parts of James Island Charter High School are two-story buildings constructed before 2001. This campus is in the Priority 2 group of schools to have structural engineers analyze the facilities following the FEMA and ASCE protocols to determine the incremental seismic repairs that need to be accomplished to comply with the IEBC. This engineering analysis and repair work is programmed in Wave 6 of the current building program. Any retrofit work should be funded as a part of the Capital Maintenance funding for James Island Charter High School in the Phase IV building program.

Growth:

Growth is projected to be flat through SY2020/2021. But, District 3 schools become crowded because so many students from off James Island request voluntary transfers to attend James Island schools at the elementary, middle and high school level.

Programmatic:

The Board's approval of the Regional CTE strategy for the district supports the James Island Charter High School campus adding a career technology clusters to support the Southwest area and there is a need to add a competition gym to provide adequate spaces for a AAAA high school.

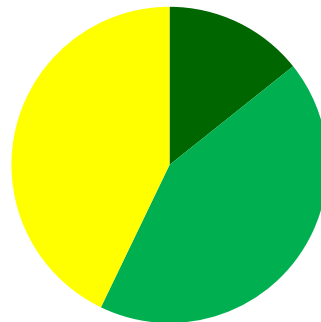
The most important programmatic issue to better support James Island is the need to consolidate the two, small middle schools into one larger, state of the art middle school to provide improved instructional, exploratory and sports offerings to the middle school

student on James Island. This would enable the district to repurpose James Island Middle School campus to support a Buist West (K-8) program at this campus to provide improved choice options to parents in the South West region.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 3 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
James Is. Charter HS	3	HS	C3	C2	C3	C2	C3	Addition & Capital Maintenance
James Island MS	3	MS	C3	C2	C3	C2	C3	Renovate & Repurpose
Ft. Johnson MS	3	MS	C3	C4	C3	C2	C3	Build New MS
Harbor View ES (new)	3	ES	C1	C2	C1	C1	C1	
Stiles Point ES	3	ES	C2	C2	C2	C2	C2	
James Island ES	3	ES	C2	C2	C3	C2	C2	
Murray-LaSaine ES (renovated)	3	ES	C2	C2	C2	C2	C2	

DISTRICT 3 SUMMARY



■ C1 ■ C2 ■ C3 ■ C4

OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED 2010-2015 BUILDING PROGRAM:

6-YEAR BUILDING PROGRAM

- 3-1: **Ft Johnson Middle School** – Construct a new consolidated District 3 1,200 student middle school on the athletic fields behind the existing school.
- 3-2: **SouthWest Advanced Studies Magnet**– Renovate the James Island Middle School campus to a K-8 school to offer the SouthWest Region parents an advanced studies Choice option.
- 3-3: **James Island Charter High School** – Construct a CTE addition and competition gym as the final phase of the campus renovation.
- 3-4: **Murray LaSaine**-Renovate and uplift the annex for the Montessori middle grades program.

9-YEAR BUILDING PROGRAM

- 3-5: **James Island Charter High School Stadium** – Demolish the existing stadium and build a new replacement stadium, concessions and playing field.

Capital Maintenance Projects – Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, IT infrastructure, door hardware, etc) to the schools that were built or renovated in the 1997-2005 timeframe. The Facility Condition Assessment will develop the detailed scopes of work to be done at these schools.

03-CM1 James Island Elementary School

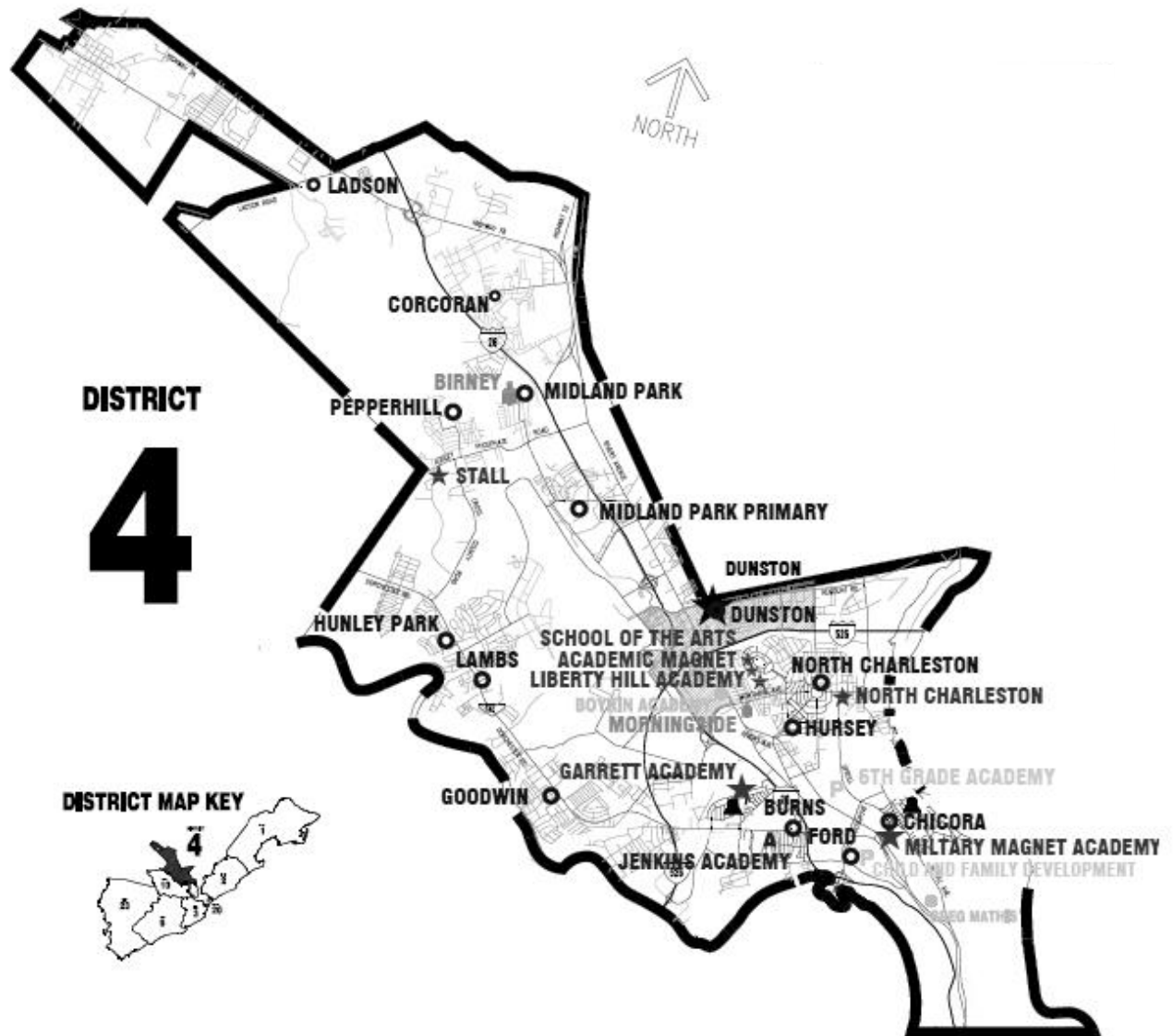
03-CM2 James Island Charter High School

03-CM3 James Island Middle School

03-CM4 Septima Clark Gym and annex

DISTRICT 4: COOPER RIVER CONSTITUENT DISTRICT

Feeder System:



DISTRICT 4 SCHOOL

HIGH SCHOOLS = (3)



North Charleston HS



R. B. Stall HS



Garrett Academy

MIDDLE SCHOOLS = (3)



Morningside MS



Northwoods MS



Zucker MS

ELEMENTARY SCHOOLS = (16)



Chicora ES



Mary Ford ES



Burns ES



Goodwin ES



Brentwood Academy



Lambs ES



Hunley Park ES



Pinehurst ES



Pepperhill ES

ELEMENTARY SCHOOLS (CONT)



Midland Park Primary



Ladson ES



Corcoran ES



Matilda Dunston ES



North Charleston ES



North Charleston Creative Arts



Hursey ES

DISTRICT WIDE PROGRAMS = (6)



Academic Magnet HS



Military Magnet



School of the Arts



Daniel Jenkins Academy



Liberty Hill Academy

TOTAL SCHOOLS: 25

DEMOGRAPHICS:

North Charleston is so large that the City's comprehensive plan divides the City up into discrete planning areas. The total population decreased 1.9% from 90,789 in 2000 to 89,065 in 2010. There were substantial decreases in school age children during this time as shown in the Under 20 Population Change chart below.

The Park Circle planning area is experiencing positive growth as the region pursues sustainable redevelopment. The older portion of the City surrounding the former Naval Shipyard continues to lose population. The Dorchester Corridor planning area is stable. And, the northern part of the City is growing fast now. The North area contains a major new planned unit development, Ingleside Plantation, has been approved by the City but it will take years to build out.

The fast growing Hispanic population has caused enrollment at Midland Park ES and Dunston ES to grow quickly.

District 4 enrollments is negatively affected by parents opting to transfer their students out of District 4 schools at the middle school time frame and using transfers to other district higher performing middle and high schools in other Constituent Districts.

Data from 2000 and 2010 Census

DISTRICT 4			
Age Group	Population 2000	Population 2010	% Change
Under 5	7562	8134	7.55
5 to 9	7582	612C	-19.28
10 to 14	6953	5082	-26.91
15 to 17	3747	3029	-19.16
18 and 19	3237	3224	-0.40

District 4, Population change by age group (COG School Enrollment Analysis Draft)

DISTRICT 4			
Age Group	Population 2000	Population 2010	56 Change
Under 5	7562	8134	7.56
5 to 9	7582	6120	-19.28
10 to 14	6953	5082	-26.91
15 to 19	6984	6253	-10.47
20 to 24	9243	9618	4.06
25 to 29	8324	9076	9.03
30 to 34	7330	6847	-6.21
35 to 39	7184	5209	-27.49
40 to 44	6404	5323	-16.93
45 to 49	5269	5603	6.34
50 to 54	4279	5549	29.68
55 to 59	3342	4636	38.72
60 to 64	2672	3661	37.01
65 to 69	2360	2574	9.07
70 to 74	2030	1844	-7.80
75 to 79	1637	1514	-7.51
80 to 84	950	1042	9.66
Over 84	744	983	32.12
Total	90789	89065	-1.90

District 4, Under 20 Population Change (COG School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

PROJECTS PRIOR TO 2000:

- 4-1: **Burns Elementary School** – Whole school renovation and the addition of a CD/K wing.
- 4-2: **Academic Magnet HS** – Addition of a science wing.

2000-2005 (Phase 1) BUILDING PROGRAM PROJECTS:

- 4-1: **North Charleston Hill High School** - Addition of 10 classrooms, replacement of the central chiller system and installation of new dehumidification systems to the main building as well as repainting the entire school and replacement of carpets throughout the school.
- 4-2: **Stall High School** - Whole school renovation and new parking lot and bus drop off loop.
- 4-3: **Garrett Academy of Technology** - Critical needs repairs to the HVAC equipment and upgrade of the primary power
- 4-4: **Academic Magnet High School** - Renovation of media center to meet SACS accreditation and repainting the school, replacement of flooring, renovation of bathrooms and replacement of the central chiller plant
- 4-5: **School of the Arts** - Renovation of the Berry Building to include new windows, air conditioners, bathrooms. Phase II to include removing VAT floor tile and replace flooring and paint out the school.
- 4-6: **Charlestowne Academy** - Move the school to the Bethune campus from the temporary mobile campus at the former Bonds Wilson High School. The Berry campus will become the permanent campus for Charlestown Academy with the completion of the Center of Excellence.
- 4-7: **Birney Middle School** - Whole school renovation and construction of a new media center.
- 4-8: **Brentwood Middle School** - Whole school renovation of the existing campus.
- 4-9: **Morningside Middle School** - Whole school renovation and addition of 2-science wings.
- 4-10: **Military Magnet School** - Construction of a new 3-story high school wing.
- 4-11: **McNair Elementary School** - Whole school renovation.
- 4-12: **North Charleston Elementary School** - Demolish the current building and build a new elementary school on the same site to become the District 4 environmental magnet school.
- 4-13: **Chicora Elementary School** - Critical needs repairs and renovations.

- 4-14: **Hursey Elementary School** - Whole school renovation and classroom addition.
- 4-15: **Mary Ford Elementary School** - Whole school renovation and addition of a new multi-purpose room and classroom wing.
- 4-16: **Goodwin Elementary School** - Whole school renovation and classroom addition.
- 4-17: **Hunley Park Elementary School** - Whole school renovation and classroom addition.
- 4-18: **Pepperhill Elementary School** - Whole school renovation and classroom addition.
- 4-19: **Midland Park Elementary School** - Whole school renovation and classroom addition.
-
- 4-20: **Corcoran Elementary School** - Whole school renovation.
- 4-21: **Dunston Elementary School** - Whole school renovation.
- 4-21: **Discipline School** - Build new temporary campus at the Bonds Wilson campus.
- 4-22: **New Endeavors and Horizon House Programs** - Build a new temporary campus at the Bonds Wilson campus.
- 4-23: **Center of Excellence** - Demolish the abandoned Bonds Wilson and Liberty Hills facilities and fund the design of a new joint campus for the Academic Magnet High School and the School of the Arts.
- 4-24: **New North Charleston High School** - Purchase a parcel of land and design a new 1,500-student high school to replace the current Stall High School. Convert the current Stall into a middle school for grades (7-8) and Birney into an Intermediate School for grades (5-6).
- 4-25: **New North Charleston Middle School** - Purchase a parcel of land and design a new 800- student middle school to replace the current Brentwood Middle School.

2005-2010 (Phase 2) BUILDING PROGRAM PROJECTS:

- 4-1: **North Charleston High School** – Whole school renovation and the addition of an auditorium and CTE spaces with a total reconfiguration of the campus parking and traffic plan.
- 4-2: **Stall High School** – Design and build a new state of the art high school campus with a core capacity of 1,500-students that will open with a capacity of 1,200-students.
- 4-3: **School of the Arts** – Design and build a new middle school, high school, fine arts and performing arts facility for 1,200-students at the Bonds Wilson campus.
- 4-4: **Academic Magnet High School** – Design and build a new high school and gym for 600-students at the Bonds Wilson campus. The campus will also contain a kitchen, cafeteria, media center and admin facility that is shared by the School of the Arts and the Academic Magnet HS.

- 4-5: **Zucker Middle School** – Design and build a new state of the art partial magnet middle school with a science focus with a capacity for 600-students.
- 4-6: **Military Magnet Academy** – Design and build a new state of the art middle school, gym, cafeteria/kitchen and fine arts spaces to transform the Military Magnet campus into a 6-12 campus.
- 4-7: **Liberty Hills Academy** – Design and build a new facility on the Carolina Youth Development Center to serve 150-special needs students at each instructional level with itinerant spaces for counselors to provide on campus services to the most fragile students in the district.
- 4-8: **Daniel Jenkins Academy** – Design and build a new 160-student facility for middle school students with persistent discipline issues.
- 4-9: **Chicora Elementary School** – Advance design of a new 600-student elementary school on a new campus contiguous with the Military Magnet Academy.
- 4-10: **Northwoods Middle School (QSCB)** – Repurpose the current Stall campus into a middle school for SY10.
- 4-11: **Pinehurst Elementary School (QSCB)** – Repurpose the Alice Birney campus for grades 2-5 as an elementary school for SY10.
- 4-12: **Midland Park Primary School (QSCB)** – Repurpose the Midland Park campus for Early Headstart and grades CD-1 for a primary school for SY10.

2011-2016 (Phase 3) BUILDING PROGRAM PROJECTS:

- 4-1: **Chicora Elementary School**- Construct a new elementary school on land exchanged with the City of North Charleston adjacent to the Military Magnet Academy. Open summer 2015.
- 4-2: **North Charleston Creative Arts Elementary School** - Construct a new arts infused District 4 partial magnet on the former Berry campus. Open summer 2015.
- 4-3: **Pinehurst Elementary School** - Advance design a CD-2 addition to the existing school.
- 4-4: **Ingelside Land** - Collaborate with the City of North Charleston and the developer to set aside a parcel of land in the Ingelside development for a future school.
- 4-5: **Dunston Land** - Execute a land transfer with the City of North Charleston to exchange the former Bethune Campus for a new campus on Rhett Avenue for Dunston Elementary School.
- 4-6: **Garrett Academy of Technology (QSCB)** - air condition the kitchen and gym and renovate the bathrooms.

ENROLLMENT TRENDS VS CAPACITY

District 4 Primary and Elementary Schools		Actual enrollment numbers				Forecasted enrollment numbers						
School Name	School Year (Fall Semester)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Capacity											
North Area Regional Schools												
Ladson	563	696	729	804	837	874	928	996	1065	1098	1141	1219
Corcoran	650	649	684	722	764	797	810	837	863	882	898	919
Pinehurst ES	405	409	450	470	510	354	357	354	362	361	369	377
Midland Park	398	399	448	593	533	560	565	560	576	574	590	606
Pepperhill	666	588	588	584	604	608	606	608	618	632	640	648
Dorchester Road Corridor Schools												
Hunley Park	535	505	513	504	535	553	557	564	563	564	583	580
Lambs	385	396	392	348	388	356	325	300	270	252	240	229
Goodwin	539	679	717	746	662	640	616	596	585	574	563	565
Burns	479	408	430	533	549	481	474	471	471	453	447	441
Park Circle and East Montague Area Schools												
North Charleston Elementary (Title I capacity)	659	527	553	558	563	557	552	581	584	564	549	552
North Chas Creative Arts ES	257		100	167	247	317	377					
New N. Chas. Creative Arts ES	500							400	420	460	470	500
Hursey	410	297	289	371	387	388	374	350	349	346	347	349
Dunston	233	359	353	450	406	413	400	400	409	408	422	430
Old Shipyard Region Schools												
SGA McNair Building	465	182	0	0	0	0	0	0	0	0	0	0
Mary Ford	414	436	372	346	386	386	386	335	369	337	322	324
CFDC(Capacity is all in mobiles)	0		20	62	69	69	69	69	69	69	69	69
Chicora	414	414	424	429	446	462						
New Chicora	600						453	456	466	463	456	465
Sub-total of non-charter E. schools in Dist. 4	7436	1032	816	837	901	917	908	860	904	869	847	858
Proposed Brentwood Academy***	500											
Boykin Academy Charter (now closed)		0	0	0	0	0	0	0	0	0	0	0
Sum for all District 4 E. Schs. (including Charters)	7936	7976	7878	8524	8787	8732	8757	8737	8943	8906	8953	9131

LEGEND

- Under 90% Capacity
- 90% to 100% Capacity
- 101% to 110% Capacity
- Above 110% Capacity
- School was not existing or has now closed
- Capacity for charter schools is determined by the school's charter committee

Notes:
 ***Brentwood Academy is a proposed use of the vacant Brentwood Building as an elementary school. Enrollment would come from the Burns/Goodwin attendance zones.
 The capacity number shown is for the building only, and does not include mobiles, if any. The number represents the "Program Capacity."
 The Program Capacity is an average of 10% under the maximum capacity allowed under State and County staffing allocations
 Notes: Chicora moved to McNair in 2011 school year; capacity shown in Capacity Column is McNair campus (elem) capacity; formerly was 540
 The McNair building once housed the sixth grade academy (SGA), but that program was ended and the building now houses Chicora Elem. as a temporary location.
 The CFDC is in a mobile classroom community on the campus of Mary Ford ES. Assumed enrollment is 69 per year, the same as 2013 number.

District 4 Schools MS & HS Listing	Capacity	Actual enrollment numbers				Forecasted enrollment numbers						
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Middle Schools												
Northwoods MS	969	594	722	824	903	861	882	884	924	979	1017	1017
Brentwood MS (closed in 2009)	615											
Morningside MS	582	439	539	586	700	670	683	685	711	747	775	776
Zucker Middle Sch (opened SY 2009)	525	432	507	530	507	505	518	521	547	583	610	611
Subtotal for D. 4 Middle Schools (no Brentwo	2076	1465	1768	1940	2110	2036	2083	2090	2182	2309	2402	2404
Neighborhood High Schools												
North Charleston HS	833	604	488	467	487	533	566	576	575	606	612	622
Stall HS	1227	923	923	1026	1117	1275	1362	1388	1389	1455	1475	1503
Garrett Academy of Technology	848	752	758	694	737	722	717	709	700	692	683	675
Subtotal for D. 4 neighborhood HS	2908	1527	1411	1493	1604	1808	1928	1964	1964	2061	2087	2125
County Wide Schools located in District 4												
Military Magnet Academy (Magnet MS & HS)	885	491	456	442	462	420	371	319	271	223	188	161
School of the Arts (Magnet MS & HS)	1008	1054	1062	1083	1093	1113	1141	1172	1204	1234	1262	1289
Academic Magnet HS (Magnet HS)	603	612	620	614	617	629	630	635	640	645	650	655
Charlestowne Academy K-12 (closed 2009)	0											
Liberty Hill Academy (County-wide K-12)	111	140	124	82	156	156	156	156	156	156	156	156
Jenkins Academy (County-wide Program Sch	128	69	79	99	91	91	91	91	91	91	91	91
Subtotal for County-wide schools located in D	2735	2366	2341	2320	2419	2409	2389	2373	2362	2349	2347	2352
Sub-total of non-charter MS & HS in Dist. 4	7719	5358	5520	5753	6133	6253	6400	6427	6508	6719	6836	6881
Greg Mathis Charter HS	100	65	88	77	63	144	153	156	155	163	166	168
Sum for all D.4 MS & HS (including Charters)	7819	5423	5608	5830	6196	6397	6553	6583	6663	6882	7002	7049
See previous page for Elementary schools:												
Sum for all District 4 E. Schs. (including Cha	7936	7976	7878	8524	8787	8732	8757	8737	8943	8906	8953	9131
Sum for all District 4 schools (including Chart	15755	13399	13486	14354	14983	15129	15310	15320	15606	15788	15955	16180

Notes:

All numbers are from the District 4 tenth day enrollment data until 2011 when the 7th day became the standard

Capacity figure represents the building program capacity only, and does not include mobile classroom capacity, if mobiles are present.

The program capacity figures are based on the programs and use of the school for S. Y. 2012-13. In the past, some schools had higher program capacity figures.

Charter schools have their own management committees which determine enrollment capacities and targets, so the above capacity numbers are estimated.

Assume Liberty Hill Academy and Jenkins Academy remain at the 2013 school year enrollment.

LEGEND

Under 90% Capacity

90% to 100% Capacity

101% to 110% Capacity

Above 110% Capacity

School Closed

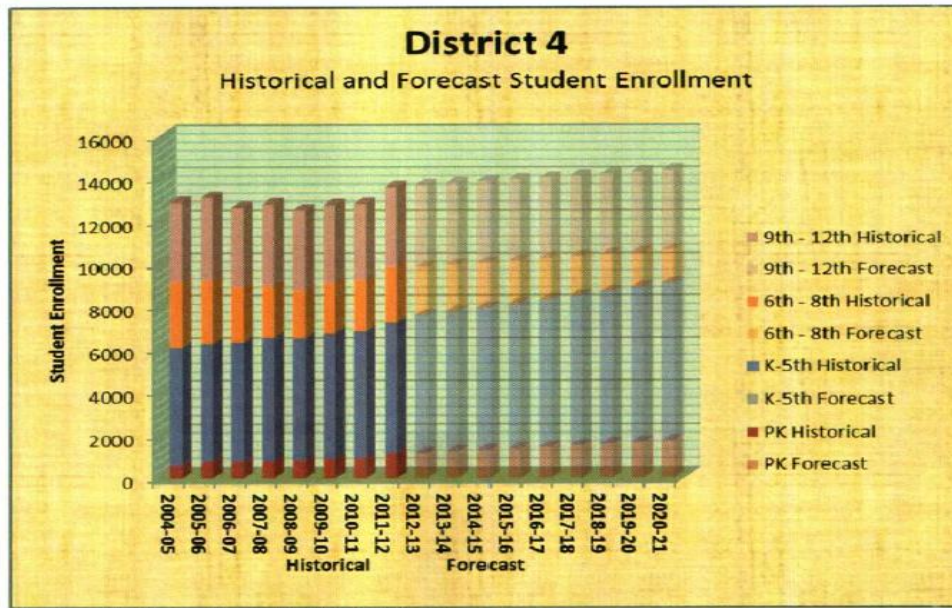
Created for Capital Programs Department
January 2014

The capacity for a charter school is determined by that school's management

Note: A school with a blue field is a school, such as a Magnet Program school, whose enrollment is capped at the Program Capacity listed, with some exceptions based on space available, regardless of the colors generated in the Legend above.

SY	PK	K-6th	7th-8th	9th-12th	Total
2004-05	589	5454	3109	3728	12880
2005-06	771	5457	2982	3896	13106
2006-07	783	5512	2616	3730	12641
2007-08	788	5737	2432	3843	12800
2008-09	812	5691	2234	3782	12519
2009-10	886	5841	2373	3655	12755
2010-11	928	5883	2408	3592	12811
2011-12	1166	6080	2596	3742	13584
2012-13	1169	6387	2297	3821	13674
2013-14	1239	6503	2211	3811	13764
2014-15	1309	6621	2122	3802	13854
2015-16	1381	6739	2033	3791	13944
2016-17	1453	6858	1942	3781	14034
2017-18	1525	6979	1850	3770	14124
2018-19	1599	7100	1757	3758	14214
2019-20	1674	7222	1662	3746	14304
2020-21	1749	7345	1566	3734	14394
Actual			Forecast		

District 4, Enrollment Forecast by Age Group (COG Report School Enrollment Analysis Draft)



District 4. Historical and Forecast Student Population (COG Report School Enrollment Analysis Draft)

District 4 Summary

SCHOOL	Grade Config	Total Enrollment	School Type	District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
A. C. Corcoran Elementary School	PK-5	775	Neighborhood	4	774	1	4	882	729	45	153
Chicora School of Communications: An Elementary	PK-5	455	Partial Magnet	4	455			712	403	52	309
Edmund A. Burns Elementary	PK-5	528	Neighborhood	4	526	2		719	470	56	249
Hunley Park Elementary School	PK-5	544	Neighborhood	4	542	2	2	542	439	103	103
Ladson Elementary School	PK-5	850	Neighborhood	4	843	7	6	853	798	45	55
Lambs Elementary School	PK-5	379	Neighborhood	4	376	3	1	355	271	105	84
Malcolm C. Hursey Elementary School	PK-6	404	Partial Magnet	4	397	7	7	291	184	220	107
Mary Ford Elementary School	PK-5	463	Neighborhood	4	456	7	3	412	309	147	103
Matilda F. Dunston Elementary School	PK-3	370	Neighborhood	4	370		6	418	327	43	91
Midland Park Primary School	PK-1	616	Neighborhood	4	611	5	4	555	521	90	34
North Charleston Creative Arts	KG-3	250	Partial Magnet	4	247	2	1	138	49	201	89
North Charleston Elementary School	PK-5	562	Partial Magnet	4	561	1	2	732	513	49	219
Pepperhill Elementary School	PK-5	636	Neighborhood	4	631	5	5	764	592	39	172
Pinehurst Elementary School	2-5	511	Neighborhood	4	511		1	566	501	10	65
W. B. Goodwin Elementary School	PK-5	683	Neighborhood	4	681	2	2	857	650	33	207
ARMS Academy at Morningside Middle	6-8	363	Moultrie Middle	4	360	3	2	964	328	35	342
EXCEL Academy at Morningside Middle	6-8	319	Neighborhood	4	319			964	294	25	342
Jerry Zucker Middle School of Science	6-8	513	Partial Magnet	4	512	1		502	409	104	93
Northwoods Middle School	6-8	947	Neighborhood	4	943	4	1	1249	905	42	344
North Charleston High School	9-12	493	Neighborhood	4	489	4	3	1179	453	36	726
R. B. Stall High School	9-12	1152	Neighborhood	4	1148	4	11	1743	1077	71	666

ENROLLMENT COMMENTS

Expanding the four elementary schools in the northern part of District 4: Ladson, Corcoran, Pepperhill and Pinehurst will relieve the over crowding there. Moreover, reopening the Brentwood campus as an elementary school will relieve the overcrowding in the Dorchester Corridor elementary schools.

Moreover, rebuilding Morningside Middle School with a capacity of 900-students will relieve the over crowding there.

PLANNING ISSUES:

Life Safety:

There still four 2-story schools in North Charleston that were constructed before South Carolina adopted the International Building Code in 2002. These schools include: Mary Ford ES, McNair campus, Garrett Academy of Technology and the Northwoods MS campus. There is a project in Wave 6 of the Phase 3 Building Program to perform a detailed structural analysis performed following the ASCE and FEMA. Staff recommends that the McNair campus be demolished to build the new Morningside Middle School on this central campus. And, it is recommended that a new Garrett academic building be built on campus versus spending any more money to upgrade the outdated 2-story academic buildings on the campus.

It is recommended that any deficiencies found at Northwoods MS and Mary Ford ES campuses be repaired following the FEMA-395 protocols for partial upgrades as a part of the next building program.

Growth:

The district has partnered with the City of North Charleston to set aside land in the Ingleside Plantation for a future school. The district has also partnered with the City of North Charleston to exchange the Bethune campus for land adjacent to the City's recreation complex on Rhett Blvd for a new Dunston Elementary School (CD-5) to address the enrollment challenges of the growing Park Circle/Charleston Farms neighborhoods.

The elementary schools in the north planning zone (Ladson, Corcoran, Pepperhill and Pinehurst) are all over capacity. These schools need to be expanded to serve the infill development that has occurred in each of these attendance zones.

Programmatic:

North Charleston is a racially and economically diverse community. The District 4 elementary schools reflect the community's diversity. But, the District 4 middle and high schools do not. A large number of middle class parents transfer their students to other district middle schools in District 2 and 10 or find other private/parochial options once their student/s get ready to enroll in middle school. This high number of transfers is costly and causing overcrowding issues in the receiving schools. There are a number of reasons why so many parents decide not to send their students to District 4 secondary schools. The district is retaining a consultant to reach out to the parents who have transferred their students out of District 4 to get the facts from a client's (parents') perspective. These issues must be addressed in a systematic method to be able to encourage students to remain in District 4 at the secondary level.

The district needs to establish a Community School for over age middle and high school students in the Phase 4 of the district's building program to encourage all North Charleston parents to enroll their student to attend their local high schools. The dual strategy of establishing a Community School for overage middle and high school students and seeking to win the confidence of parents to have their students choose to enroll in District 4 secondary schools versus transferring to schools out of the district is essential to providing improved educational support to the North Charleston community.

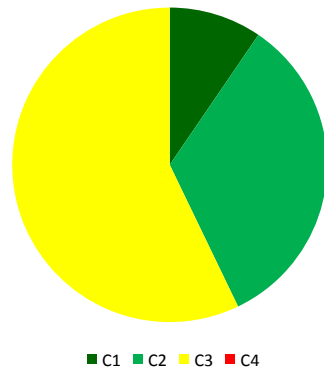
The district opened Hursey Montessori and North Charleston Creative Arts Elementary School to provide District 4 parents choice. Parents want the full range of Montessori services from Primary to Middle Grades. This cannot be done until the Hursey campus is renovated and expanded to become a dedicated Montessori campus or a new Montessori campus is built at another location. The Hursey campus is in a growing central location and is the most cost effective option.

The district is also looking to franchise its very successful Advanced Studies Magnets in each of the four regions. The district has explored the option of repurposing the Morningside campus as a future North Area Advances Studies Magnet with the Mayor and his staff. The city has offered to purchase land along Rivers avenue to provide a dedicated entrance to the campus.

Garrett Academy of Technology was the district's newest and most modern high school when it began the building program in 2000. But, today it is the oldest high school with inadequate technology. The district is not just looking to rebuild Garrett, but renovate the Arc into a standalone Vocational Center to serve all District 4 high schools; build a standalone Center of Advance Studies that is central to all District 4 high schools; and rebuild Garrett Academy on its current campus with a capacity of 1,000-students.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 4 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
North Area Center of Advance Studies (Proposed)	4							New School
Garrett Academy of Technology	4	HS	C4	C2	C3	C2	C3	New School
North Charleston HS	4	HS	C2	C2	C2	C2	C2	
Stall HS	4	HS	C2	C2	C2	C2	C2	
Morningside MS	4	MS	C3	C4	C2	C2	C3	New School
Northwoods MS	4		C2	C2	C2	C2	C2	
Zucker MS	4	MS	C2	C2	C2	C2	C2	
Chicora ES	4	ES	C1	C2	C1	C1	C1	
Mary Ford ES	4	ES	C3	C2	C2	C2	C2	Capital Maintenance
Burns ES	4	ES	C3	C4	C3	C2	C3	Whole School Renovation
Brentwood Academy	4							
Goodwin ES	4	ES	C3	C4	C2	C2	C3	
Lambs ES	4	ES	C3	C3	C2	C2	C3	Addition & Capital Maintenance
Hunley Park ES	4	ES	C3	C3	C3	C2	C3	Capital Maintenance
Pepperhill ES	4	ES	C3	C2	C3	C2	C3	Capital Maintenance
Pinehurst ES	4		C2	C4	C3	C2	C2	CD-2 Wing Addition
Midland Park Primary	4	ES	C2	C4	C2	C2	C3	Capital Maintenance
Ladson ES	4	ES	C3	C4	C2	C2	C3	Addition & Capital Maintenance
A.C. Corcoran ES	4	ES	C3	C4	C2	C2	C3	Addition & Capital Maintenance
Matilda Dunston ES	4	ES	C3	C4	C2	C2	C3	
North Charleston ES	4	ES	C2	C2	C2	C2	C2	
North Charleston Creative Arts ES	4		C1	C1	C1	C1	C1	
Malcolm C. Hursey ES	4	ES	C3	C2	C2	C2	C3	Capital Maintenance



OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6 YEAR PROGRAM:

- 4-1: **Garrett Academy of Technology** — The Garrett Academy of Technology project has three parts.
- Phase A-Renovate the Arc into a standalone District 4 Vocational Center,
- Phase B- Rebuild the Garrett Academy Academic buildings on the Garrett campus.
- Phase C- Build the North Charleston Center of Advanced Studies to serve all North Charleston High Schools on a new central campus.
- 4-2: **Burns Elementary School** —Whole school renovation and modernization of the campus.
- 4-3: **Dunston Elementary School** — Build a new (CD-5) elementary school on the City Land on Rhett Blvd.
- 4-4: **Morningside Middle School** — Build a new 900-student middle school on the McNair campus.
- 4-5: **Ladson Elementary School** — Expand to relieve overcrowding.
- 4-6: **A.C.Corcoran Elementary School** —Expand to relieve overcrowding.
- 4-7: **Pinehurst Elementary School** — Build the CD-2 addition to relieve overcrowding
- 4-8: **Pepperhill Elementary School** — Expand to relieve overcrowding.
- 4-9: **Lambs Elementary School** — Demolish the annex and rebuild a classroom wing to support exploratory classrooms to convert Lambs to a 5-8 campus.

9 YEAR PROGRAM:

- 4-8: **North Charleston Stadium** – Build new central stadium complex to support the 4 high schools located in North Charleston with sports programs (North Charleston HS, Stall HS, Military Magnet Academy and Academic Magnet HS)
- 4-9: **Hursey Montessori** — Renovate and expand the campus to provide a full range of Montessori services from Primary to middle school.

4-10: North Area Advanced Studies Magnet- Renovate and modernize the Morningside campus to become a K-8 campus.

4-11: **Dunston Early Childhood Center** — Renovate and modernize the Dunston campus after the new school opens to repurpose the campus as an early childhood center.

Capital Maintenance — Perform the needed cyclical capital maintenance (Roof, HVAC, Bathrooms, Carpets, IT infrastructure, etc) and seismic upgrades to the schools that were built or renovated in the time frame from 1997-2005. The Facility Condition Assessment will develop the detailed scopes of work to be done at these schools.

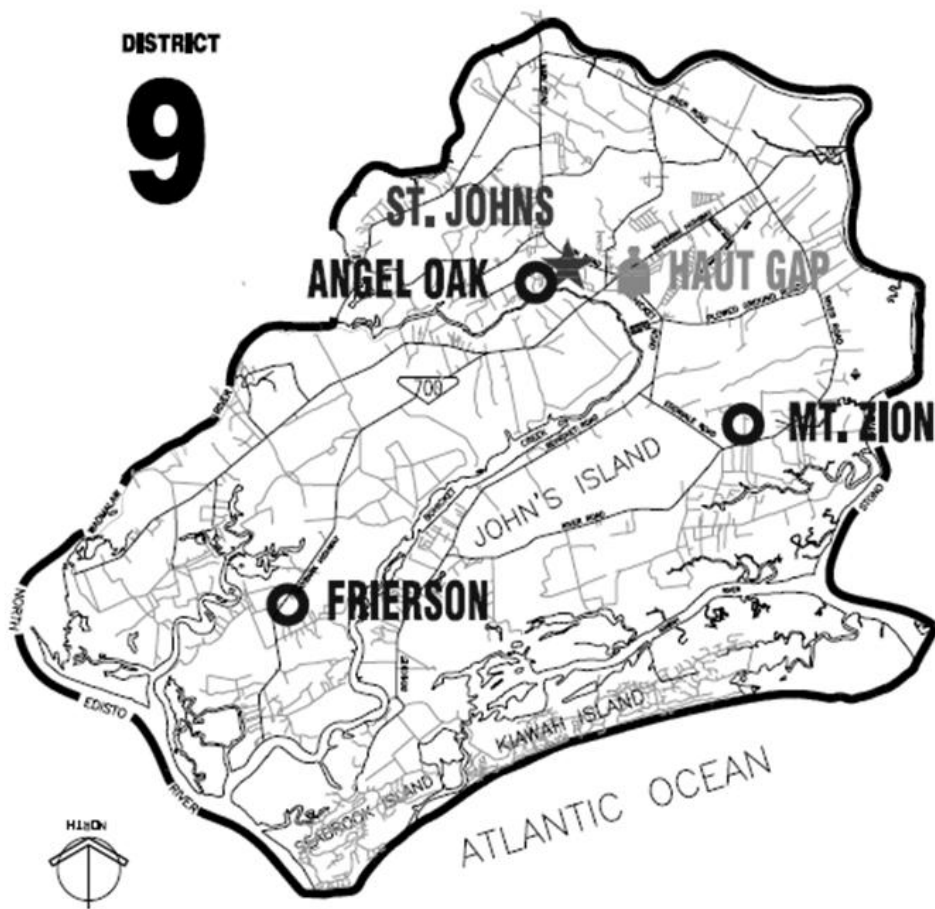
- 04-CM1: Mary Ford Elementary School
- 04-CM2: Brentwood Academy
- 04-CM3: Goodwin Elementary School
- 04-CM4: Lambs Elementary School
- 04-CM5: Hunley Park Elementary School
- 04- CM6: Pepperhill Elementary School
- 04-CM7: Ladson Elementary School
- 04-CM8: A.C. Corcoran Elementary School
- 04-CM9: North Charleston Elementary School
- 04-CM10: Hursey Montessori

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT 9: ST. JOHN'S CONSTITUENT DISTRICT

FEEDER SYSTEM:

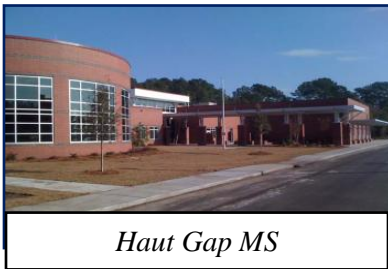


DISTRICT 9 SCHOOLS

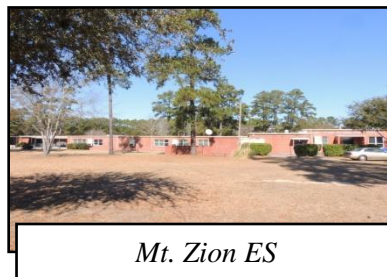
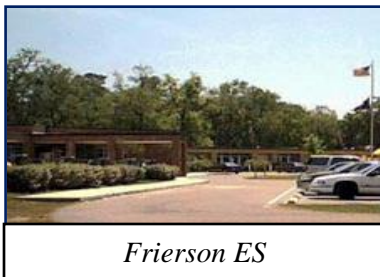
HIGH SCHOOLS = (1)



MIDDLE SCHOOLS = (1)



ELEMENTARY SCHOOLS = (3)



CHARTER SCHOOLS: NONE

TOTAL SCHOOLS: 5

DEMOGRAPHICS:

The total population of District 9 increased 39.4% from 15,251 in 2000 to 21,270 in 2010. There was a major increase in the under 5 population and 5-9 age groups which will put very heavy pressure on District 9 elementary schools in the future. Johns Island is a racially and economically diverse, fast growing community. But the District 9 elementary and high schools are racially and economically segregated. There are 2,882 school age children living in District 9 but only 1,418 (40%) attend District 9 schools.

Data from 2000 and 2010 Census

DISTRICT 9			
Age Group	Population 2000	Population 2010	% Change
under 5	771	1174	52.27
5 to 9	909	1031	13.42
10 to 14	1003	971	-3.19
15 to 19	986	1100	11.56
20 to 24	784	1187	51.40
25 to 29	729	1333	82.85
30 to 34	854	1361	59.37
35 to 39	1111	1132	1.89
40 to 44	1236	1192	-3.56
45 to 49	1142	1478	29.42
50 to 54	1261	1632	29.42
55 to 59	1140	1734	52.11
60 to 64	979	1938	97.96
65 to 69	835	1631	95.33
70 to 74	637	1050	64.84
75 to 79	453	637	40.62
80 to 84	256	368	43.75
Over 84	165	321	94.55
Total	15251	21270	39.47

District 9 Population Change by age group (COG School Enrollment Analysis Draft)

DISTRICT 9			
Age Group	Population 2000	Population 2010	% Change
Under 5	771	1174	52.27
5 to 9	909	1031	13.42
10 to 14	1003	971	-3.19
15 to 17	625	696	11.36
18 and 19	361	434	11.91

District 9 Under 20 Population Change (COG Report School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

PROJECTS PRIOR TO 2000:

09-1: **Frierson Elementary School** – Completed a whole school renovation of the campus.

2000-2005 (PHASE 1) BUILDING PROGRAM PROJECTS:

09-1: **St. Johns High School** - Constructed a new 500-student high school with a 800-student core for future expansion at the historic St Johns High School campus.

09-2: **Haut Gap Middle School** - Critical need repairs that included new parking, exterior lighting, and fire alarm.

09-3: **Mt. Zion Elementary School** - Critical need repairs that included roofing, HVAC, windows, fire alarm, interior painting, restroom renovations and the construction of a new car drop-off loop.

09-4: **Angel Oak Elementary School** - Critical need repairs that included fire alarm, exterior doors, car loop, and restroom renovations.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECTS:

09-01: **Haut Gap Middle School** – Constructed a new 450-student middle school on the Haut Gap campus and demolished the former school.

09-02: **Haut Gap Middle School** – CCPRC funded a major rural recreation complex on the Haut Gap campus to benefit the Johns Island community and the Haut Gap students.

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

09-01: **Angel Oak Elementary School** – Whole school renovation to be completed summer 2015.

ENROLLMENT TRENDS VS CAPACITY

District 9 Schools		Actual enrollment numbers				forecasted enrollment numbers						
School Year (Fall)		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
School	Capacity											
Mount Zion ES	294	240	248	297	274	282	281	286	288	302	304	303
Angel Oak ES	383	394	406	404	401	416	449	478	500	506	519	534
Frierson ES	192	144	129	167	142	143	143	103	120	117	114	112
Haut Gap MS	503	357	434	521	521	498	496	496	513	525	544	558
St. John's HS	638	300	252	233	233	298	332	338	332	322	321	333
Sum	2010	1435	1469	1622	1571	1637	1701	1701	1753	1772	1802	1840
Sea Islands Youthbuild Charter	Closed											
Total for all schools District 9	2010	1435	1469	1622	1571	1637	1701	1701	1753	1772	1802	1840

LEGEND

Under 90% Capacity
90% to 100% Capacity
101% to 110% Capacity
111% and above Capacity

Prepared for the Capital Programs Department
January 2014

Notes:

All numbers are from the District 9 tenth day enrollment data until 2011 when the 7th day became standard. Capacity figure represents the building program capacity only, and does not include mobile classroom capacity, if mobiles are present.

Charter schools have their own management committees which determine enrollment capacities and enrollment targets.

ENROLLMENT COMMENTS:

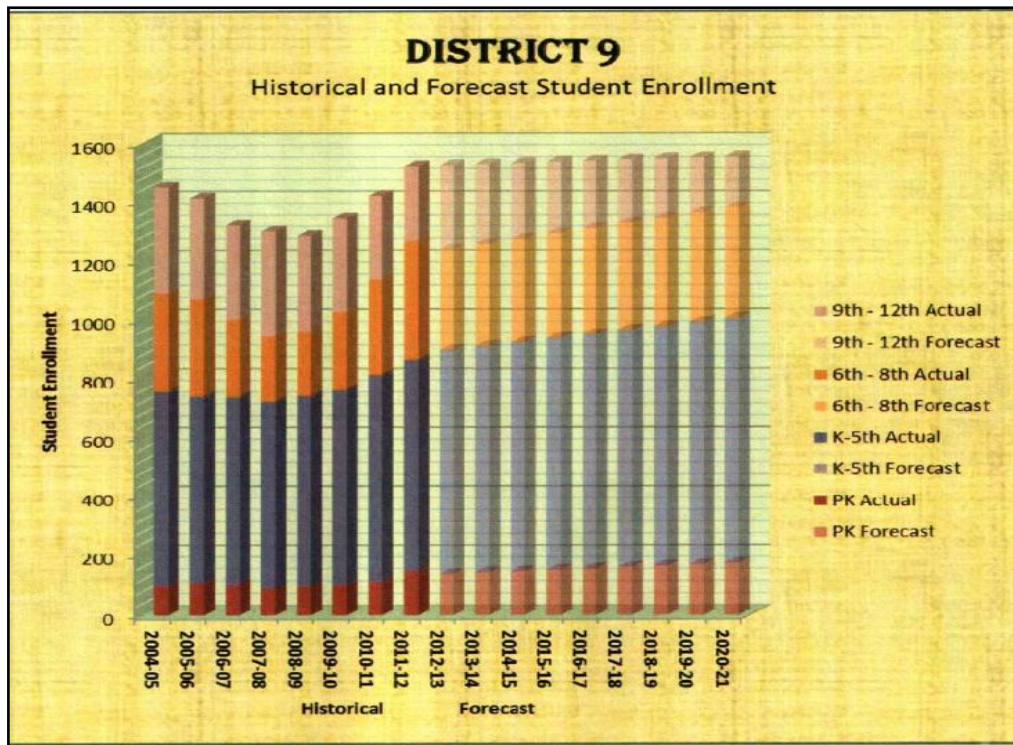
There is inadequate elementary school capacity. District 9 has legacy rural schools where people do not live today. Those are under subscribed. The one elementary school serving the suburban area of Johns Island is overcrowded and a large number of parents living in those communities send their students to CCSD schools in other constituent districts.

The addition of the advanced study program to Haut Gap Middle School has been successful and requires the school to now expand.

The live in attend data shows that the majority of parents send their students to larger comprehensive high schools off island versus attending the small high school on island.

SY	PK	K-6th	7th-8th	9th-12th	Total
2004-05	97	657	334	360	1448
2005-06	108	629	332	341	1410
2006-07	102	633	267	316	1318
2007-08	88	632	224	354	1298
2008-09	97	642	221	323	1283
2009-10	102	658	264	319	1343
2010-11	113	698	323	284	1418
2011-12	147	716	403	256	1522
2012-13	136	760	340	290	1526
2013-14	141	769	344	276	1530
2014-15	145	778	348	262	1533
2015-16	150	787	353	248	1538
2016-17	154	796	357	234	1541
2017-18	159	805	361	220	1545
2018-19	163	814	366	206	1549
2019-20	168	823	370	191	1552
2020-21	172	832	374	177	1555
		Actual	Forecast		

District 9 Enrollment Forecast by Age Group (COG Report School Enrollment Analysis Draft)



District 9 Historical and Forecast Student Enrollment (COG Report School Enrollment Analysis Draft)

District 9 Live In/Attend Summary

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County	Total Live-In (Grade)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
Angel Oak Elementary School	PK-5	394	9	391	3		633	356	35	277
Edith L. Frierson Elementary	PK-5	149	9	149			176	121	28	55
Mt Zion Elementary School	PK-5	310	9	308	2		347	256	52	91
Haut Gap Middle School	5-8	524	9	524			660	384	140	276
St. John's High School	9-12	282	9	280	2		584	265	15	319

PLANNING ISSUES:

Life Safety:

None.

Growth:

There has been rapid growth in District 9 and this trend will increase as the economy improves. However, as the population has increased the student enrollment has not. The latest, 2013-2014 CCSD Live In/Attend Report documents that a very high number of parents who live in District 9 do not opt to send their children to local District 9 schools and opt to send them to other CCSD schools predominately in District 3 and 10. This large number of voluntary transfers out of District 9 is causing overcrowding in other communities.

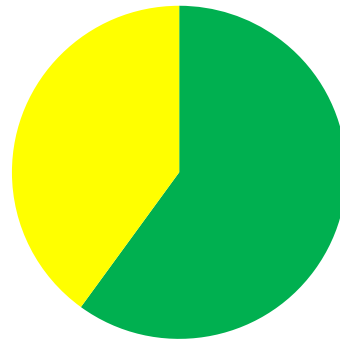
Programmatic:

The Advanced Studies Program at Haut Gap Middle School has been very successful and has required mobiles to be brought onto the campus to support the enrollment. Similar programs need to be developed in a new elementary school on the Haut Gap campus to eliminate the excessive number of voluntary transfers and to relieve the overcrowding these transfers impose at the receiving schools in other communities.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 9 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
St. Johns HS	9	HS	C2	C2	C2	C2	C2	
Haut Gap MS	9	MS	C2	C3	C2	C2	C2	Addition
Angel Oak ES	9	ES	C2	C3	C2	C2	C2	
Frierson ES	9	ES	C3	C2	C3	C2	C3	Capital Maintenance
Mt. Zion ES	9	ES	C3	C2	C3	C2	C3	Capital Maintenance
Haut Gap ES (proposed)	9	ES						New School

DISTRICT 9 SUMMARY



■ C1 ■ C2 ■ C3 ■ C4

OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6-YEAR PROGRAM:

- 9-1: **Haut Gap Elementary School** - Construct a 500-student elementary school on the Haut Gap campus.
- 9-2: **Haut Gap Middle School** – Expand the academic wings of Haut Gap and construct a larger band room and repurpose the current band room into an academic classroom or project lab.

9-YEAR PROGRAM:

- 9-3: **St. Johns High School Stadium** - Modernize the St. Johns HS Stadium and renovate the field house.

Capital Maintenance- Perform the needed cyclical capital maintenance (roofs, HVAC, Bathrooms, Carpet, IT Infrastructure, Door Hardware, etc.) at schools that were built or renovated in the 1997-2005 timeframe. The Facility Condition Assessment will develop the detailed scopes of work to be done at those schools.

9-CM1: Mt Zion Elementary School

9-CM2: Frierson Elementary School

9-CM3: St Johns High School

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT 10: ST. ANDREWS CONSTITUENT DISTRICT

FEEDER SYSTEM



DISTRICT 10 SCHOOLS

HIGH SCHOOLS = (1)



West Ashley HS

MIDDLE SCHOOLS = (2)



West Ashley MS



C.E. Williams Magnet HS



St. Andrews MS

ELEMENTARY SCHOOLS = (8)



St. Andrews ES



Ashley River ES



Stono Park ES



Orange Grove Charter



Oakland ES



Springfield ES



Montessori Program



Drayton Hall ES

CHARTER SCHOOLS = (NONE)

TOTAL SCHOOLS: 12

DEMOGRAPHICS:

District 10 serves the communities west of the Ashley River and east of the Stono River. It is a large suburban community with well-established neighborhoods in the older part of West Ashley and new fast growing planned unit developments along the Bees Ferry and SR 61 corridor.

The total population for District 10 increased 12.1% from 61,197 in 2000 to 68,601 in 2010. There was a 25.2% increase in the under- 5 age group that will soon hit the District 10 elementary schools.

The older neighborhoods are turning over as families who have lived there for years are selling and younger families are moving into to them because the neighborhoods offer a good quality of life and the neighborhood elementary schools are very good. The challenge for the District is to try to keep up with growth as the community expands because of major infill projects like Carolina Bay.

DISTRICT 10			
Age Group	Population 2000	Population 2010	% Change
Under 5	3561	4459	25.22
5 to 9	3531	3710	5.07
10 to 14	3758	3292	-12.40
15 to 19	4017	3282	-18.30
20 to 24	5133	5268	2.63
25 to 29	5306	6889	29.83
30 to 34	4579	5459	19.22
35 to 39	4733	4589	-3.04
40 to 44	4595	4214	-8.29
45 to 49	4656	4752	2.06
50 to 54	3975	4727	18.92
55 to 59	3015	4559	51.21
60 to 64	2218	4048	82.51
65 to 69	2204	2851	29.36
70 to 74	2152	2009	-6.64
75 to 79	1804	1723	-4.49
80 to 84	1131	1394	23.25
Over 84	829	1376	65.98
Total	61197	68601	12.10

D.10 Enrollment vs. Census (COG School Enrollment Analysis Draft)

DISTRICT 10			
Age Group	Population 2000	Population 2010	% Change
Under 5	3561	4459	25.22
5 to 9	3531	3710	5.07
10 to 14	3758	3292	-12.40
15 to 17	2231	1956	-12.33
18 and 19	1786	1326	-25.76

D 10, Under 20 Population Change (COG Report School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

BUILDING PROGRAM PROJECTS PRIOR TO 2000:

10-1: **West Ashley Land** – Purchase 80 acres of land to build the new central high school.

2000-2005 (PHASE 1) BUILDING PROGRAM PROJECTS:

- 10-1: **West Ashley High School** - Construction of a new 2,500-student high school.
- 10-2: **West Ashley Middle School** - Whole school renovation and conversion of the former Middleton High School campus into a middle school.
- 10-3: **C.E. Williams Magnet Middle School** - Whole school renovation of the former CE Williams campus into a magnet middle school.
- 10-4: **West Ashley Intermediate School** - Whole school renovation of the former St Andrews High School campus into an intermediate school campus.
- 10-5: **St. Andrew's Math and Science Magnet Elementary School** - Critical needs repairs that included asbestos abatement, painting, flooring, ceilings, HVAC, fire alarm, windows, doors, and electrical upgrades.
- 10-6: **Stono Park Elementary School** - Critical needs repairs that included asbestos abatement, painting, flooring, ceilings, roofing, HVAC, fire alarm, drop-off loop, windows, and doors.
- 10-7: **Oakland Elementary School** - Critical needs repairs that included roofing, fire alarm, windows, and doors.
- 10-8: **Springfield Elementary School** - Critical needs repairs that included roofing, HVAC, fire alarm, electrical upgrades, windows, and doors.

- 10-9: **Ashley River Creative Arts Magnet Elementary School** - Critical needs repairs that included roofing, fire alarm, electrical upgrades, exterior painting, windows, and doors.
- 10-10: **Orange Grove Elementary School** - Critical needs repairs that included drop-off loop, basketball court, and fire alarm.
- 10-11: **Drayton Hall Elementary School** - Whole school renovation and addition to convert Drayton Hall Middle School into an elementary school campus.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECTS:

- 10-1: **Orange Grove Elementary Charter School** – Designed and built a 725-student elementary school on its current campus with an early childhood facility.
- 10-2: **Oakland Elementary School**- Designed and built a 600-student elementary school on the current campus.
- 10-3: **Ashley River Creative Arts Elementary School**- Designed and built a 600-student arts infused campus that renovated the center of the campus into performing arts spaces.
- 10-4: **Land Procurement** - Purchased 43-acres adjacent to the West Ashley campus for a future multi school complex to include the West Ashley career center/middle college.
- 10-5: **Advance Designs** – Funded the advance design for St Andrews Math and Science and Stono Park Elementary Schools.

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

- 10-1: **Community Montessori School (QSCB)** – Construct a new Montessori school (Primary through middle school) on the Springfield campus. School opened summer 2013.
- 10-2: **St Andrews Math and Science Elementary School** – Construct a new 750-student partial magnet school on its historic campus. Open Jan 2015.
- 10-3: **Springfield Elementary School** – Construct a new 750-student elementary school on its historic campus. Commons building open fall 2014. School will open summer 2015.
- 10-4: **Stono Park Elementary School** – Advance design of a new 600-student elementary school at the St Andrews MS campus on Wappoo Road.

ENROLLMENT TRENDS VS CAPACITY

District 10 Schools	School Year (Fall semester)	Actual enrollment numbers				Forecasted enrollment numbers						
		2010	2011	2112	2013	2014	2015	2016	2017	2018	2019	2020
School Name												
ELEMENTARY	Capacity											
St Andrews ES#	688	729	731	699	745	771						
New St Andrews ES	750						775	787	773	777	777	787
Stono Park	243	327	314	261	329	327	332	333	338	333	326	324
Oakland	684	506	546	523	539	575	626	664	708	750	780	817
Ashley River	605	586	594	579	570	616	711	758	804	850	897	943
Springfield	511	642	652	639	640	645	641					
New Springfield School	750							660	662	675	697	721
Montessori Community**	247	194	208	211	233	236	250	259	266	279	279	296
Drayton Hall	753	822	829	830	841	841	854	840	848	846	855	890
MIDDLE												
CE Williams MS	650	627	643	649	643	662	689	735	791	840	826	879
West Ashley MS	485	399	287	319	344	390	404	428	457	483	503	505
St. Andrew's MS	581	494	454	377	314	369	388	420	460	494	520	522
HIGH												
West Ashley High + Summit	2304	1850	1863	1768	1755	1616	1696	1740	1827	1954	2052	2187
TOPS Program	closed											
Sum	8052	7176	7121	6855	6953	7048	7366	7624	7934	8281	8512	8871
Orange Grove Charter	776	760	701	752	801	793	781	764	761	759	758	757
PACE Charter (New in 2010)	30	30	31	29	30	30	30	30	30	30	30	30
Sum with charters included	8858	7966	7853	7636	7784	7871	8177	8418	8725	9070	9300	9658

Numbers are from the District 10 tenth day of school year until 2011 when 7th day became the standard.
 Capacity figure represents the building program capacity only, and does not include mobile classroom capacity, if mobiles are present.
 Orange Grove began Charter status in Sch. Yr. 2006
 In 2005, St Andrews MS was West Ashley Intermediate School, grades 5-6 only; elem. schools were K-4 until 2006, then added 5th grade, causing enrollment increases that y
 In 2009, Springfield's attendance zone increased to include former attendance zone of Orange Grove because Orange Grove became a charter conversion school.
 The Montessori School was reconstructed for SY 2013 and the program capacity is for the new building. Previously the campus was mainly mobile classrooms.

LEGEND	
Under 90% Capacity	Prepared for the Capital Programs Department January 2014
90% to 100% Capacity	
101% to 110% Capacity	
111% and above Capacity	
Indicates a closed program	

Notes:
 # St Andrews ES is in a temporary campus until 2015 with program capacity shown.
 **Montessori added grades 7 and 8 in 2010-11 School year.
 Note: A school with a blue field is a school, such as a Magnet Program school, whose enrollment is capped at the Program Capacity listed, regardless of the colors generated in the Legend above.

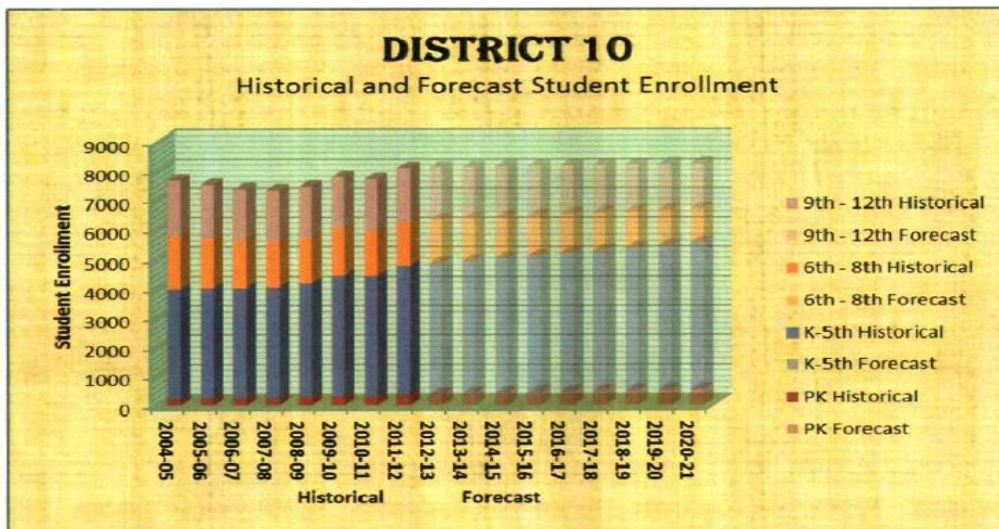
ENROLLMENT COMMENTS

The new elementary schools built in West Ashley in the 2011-2016 building program: Community Montessori, St Andrews Math and Science and Springfield Elementary will relieve the overcrowding in those areas. But, Drayton Hall Elementary will continue to be stressed until a new Carolina Park Elementary School is constructed and attendance zones are redistricted.

Stono Park Elementary School must grow to relieve the overcrowding. But, their current campus is too small. So, rebuilding it in the next building program at the current St Andrews campus is located will allow the district to build a larger school in a central location where most of the current students now live.

SY	PK	K-6th	7th-8th	9th-12th	Total
2004-05	224	3748	1777	1892	7641
2005-06	263	3746	1648	1850	7507
2006-07	266	3740	1560	1781	7347
2007-08	253	3775	1533	1748	7309
2008-09	282	3878	1528	1747	7435
2009-10	310	4116	1573	1761	7760
2010-11	300	4110	1473	1811	7694
2011-12	401	4359	1455	1861	8076
2012-13	381	4444	1486	1783	8094
2013-14	399	4511	1445	1758	8113
2014-15	417	4578	1403	1733	8131
2015-16	435	4645	1362	1707	8149
2016-17	453	4713	1320	1682	8167
2017-18	471	4780	1278	1656	8186
2018-19	490	4849	1236	1630	8204
2019-20	508	4917	1193	1604	8222
2020-21	527	4985	1150	1578	8240
		Actual	Forecast		

District 10, Enrollment Forecast by Age Group (COG Report School Enrollment Analysis Draft)



District 10, Historical and Forecast Student Population (COG Report School Enrollment Analysis Draft)

District 10 Live In/Attend Analysis

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
Drayton Hall Elementary School	PK-5	828	10	815	13	2	1118	710	105	408
Oakland Elementary School	PK-5	544	10	542	2	1	844	454	88	390
Springfield Elementary School	PK-5	650	10	650		4	1245	594	56	651
Science	PK-5	744	10	743	1		768	487	256	281
Stono Park Elementary School	PK-5	460	10	456	4		464	265	191	199
C. E. Williams Middle School for Creative and Scientific Arts	6-8	642	10	642			305	177	465	128
West Ashley Middle School	6-8	332	10	331	1	2	566	211	121	355
St. Andrew's Middle School	6-8	320	10	319	1		761	184	136	577
West Ashley High School	9-12	1753	10	1746	7	6	2088	1358	388	730

District and Board leadership must direct attention to improving programs in the District 10 middle and high schools to stem the out migration of students out of community secondary schools.

PLANNING ISSUES:

Life Safety:

West Ashley has four-2 story schools that were not built to the current IBC standards: Springfield ES, West Ashley MS, St Andrews MS and CE Williams MS. Springfield ES is being rebuilt in the current building program. Moreover, district leadership has recommended that St Andrews MS and West Ashley MS be consolidated. This would enable the district to demolish this facility so a larger Stono Park Elementary School could be built on this campus.

Staff's recommendation is to rebuild a new C.E. Williams Middle School on the land the district purchased adjacent to West Ashley High School. This will enable the district to demolish the current school to build a new 750-student Carolina Bay Elementary School on this centrally located campus.

There is a project in Wave 6 of the current building program to perform a comprehensive seismic analysis of the West Ashley Middle School campus using the FEMA and ASCE protocols. Moreover, any life safety deficiency must be corrected following the FEMA - 395 protocols in an incremental manner.

Growth:

West Ashley is one of the fastest growing constituent districts in the District. The District 10 Elementary Schools remain over crowded. So, there is a clear need to build - neighborhood elementary schools: Stono Park to a larger capacity and Carolina Park to relieve this overcrowding.

Programmatic:

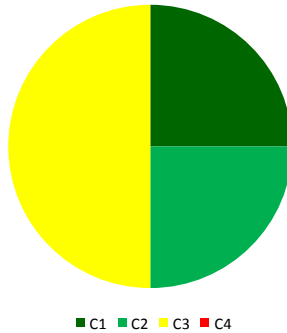
The first building program focused on District 10's high school. The 2, 3 and 4 Phases have focused on the West Ashley elementary schools. The Phase IV Building Program must now focus on District 10 middle schools to modernize them, provide improved choice options for parents. The consolidation of St Andrews MS and West Ashley MS will increase enrollment to have a critical mass to offer additional and improved academic, exploratory and sports offerings. Staff recommends that C.E. Williams MS be rebuilt on the new land adjacent to the West Ashley HS campus as a STEM school and that Ashley River Creative Arts be expanded to include grades 6-8 in the next building program.

Unfortunately, the Board did not support programming the new West Ashley High School for any CTE spaces because the district's concept of operations was to concentrate these programs at the new Garrett Academy of Technology. But, the Board later realized that Charleston County is too large to only offer these courses at one campus and endorsed a regional plan for CTE programs. To execute the Board's plan the district needs to construct a Center of Advanced Studies on the West Ashley campus to serve the Central Region students.

2014 CONDITION ASSESSMENT SUMMARY: UPDATE

DISTRICT 10 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
West Ashley HS	10	HS	C3	C2	C2	C2	C3	Capital Maintenance
West Ashley Center of Advance Studies (proposed)								New School
C.E. Williams MS	10	MS	C3	C3	C3	C2	C3	New School
St. Andrew's MS	10	MS	C3	C2	C3	C2	C3	Demo
West Ashley MS	10	MS	C3	C2	C3	C2	C3	Capital Maintenance
Ashley River Creative Arts ES	10	ES	C2	C2	C2	C2	C2	MS Addition
Orange Grove Charter ES	10	ES	C2	C2	C2	C2	C2	Enrollment Limit
Stono Park ES	10	ES	C3	C4	C3	C2	C3	New School
St. Andrew's School of Math & Science ES (New)	10	ES	C1	C2	C1	C1	C1	Enrollment Limits
Oakland ES (new)	10	ES	C2	C2	C2	C2	C2	
Springfield ES	10	ES	C1	C2	C1	C1	C1	
Community Montessori School	10	ES	C1	C2	C1	C1	C1	
Drayton Hall ES	10	ES	C3	C4	C2	C2	C3	Capital Maintenance
Carolina Bay ES (proposed)								New School

DISTRICT 10 SUMMARY



OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6-YEAR PROGRAM:

- 10-1: **Stono Park Elementary School** – Build a new 600-student elementary school on the St Andrews MS campus.
- 10-2: **West Ashley Center of Advanced Studies** - Build a Center of Advanced Studies on the West Ashley HS campus to support the CTE programs selected for the Central Region.
- 10-3: **C.E. Williams Middle School** – Build a new 900-student middle school on the expanded West Ashley HS campus to provide a STEM middle grade option for District 10 students.
- 10-4: **Ashley River Creative Arts** – Expand the campus for grades 6-8 to provide an arts infused middle grade option for District 10 students.

9-YEAR PROGRAM:

- 10-5: **Carolina Bay Elementary School** – Build a new 750-student elementary school on the CE Williams campus.
- 10-6: **Stono Park Early Childhood Center** - Upgrade and renovate the Stono Park campus to be serve a Early Childhood Center and support PACE charter school.

Capital Maintenance – Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, Carpets, IT Infrastructure, etc) and seismic upgrades to schools that were built or renovated in the time frame from 1997-2005. The Facility Condition Assessment will develop the detailed scopes of work to be done at these schools.

10-CM1: West Ashley High School

10-CM2: West Ashley Middle School

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT 20: CITY OF CHARLESTON CONSTITUENT DISTRICT

FEEDER SYSTEM:



DISTRICT 20 SCHOOLS
MIDDLE/HIGH SCHOOL = (1)



Burke MS/HS

ELEMENTARY SCHOOLS = (4)



Memminger ES



James Simons ES



Mitchell ES



Sanders-Clyde ES

DISTRICT WIDE MAGNET SCHOOLS = (4)



Buist Academy



Charleston Progressive

CHARTER SCHOOLS=2



*Charleston Charter School
Math & Science*



Charleston Development

TOTAL SCHOOLS = 9

DEMOGRAPHICS:

District 20 serves downtown Charleston. The total population for District 20 decreased about 3.6% from 103,613 in 2000 to 99,872 in 2010. There was a dramatic reduction in school age children residing in District 20 during this period.

Data from 2000 and 2010 Census

DISTRICT 20			
Age Group	Population 2000	Population 2010	96 Change
Under 5	4628	4555	-1.58
5 to 9	5062	3108	-38.60
10 to 14	5420	2613	-51.79
15 to 19	14053	13245	-5.75
20 to 24	17638	25255	43.19
25 to 29	7289	5258	-27.01
30 to 34	5345	5179	-3.11
35 to 39	5613	3706	-33.97
40 to 44	5573	1242	-41.83
45 to 49	5388	4065	-24.55
50 to 54	5504	4496	-18.31
55 to 59	4470	4687	4.85
60 to 64	3651	4848	32.79
65 to 69	3397	3648	7.39
70 to 74	1359	2488	80.13
75 to 79	3121	2114	-32.27
80 to 84	2324	1685	-27.50
Over 84	1778	1680	-5.51
Total	103613	99872	-3.61

District 20 Population change by age group (COG School Enrollment Analysis Draft)

DISTRICT 20			
Age Group	Population 2000	Population 2010	% Change
Under 5	1366	1450	6.15
5 to 9	1513	995	-34.24
10 to 14	1681	840	-50.03
15 to 17	1028	543	-47.18
18 and 19	3553	3834	7.91

District 20 Under 20 Population Change (COG School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

BUILDING PROGRAM PROJECTS PRIOR TO 2000:

20-1: **Burke High School** –Whole school renovation of the Rhett Building.

2000-2005 (PHASE 1) BUILDING PROGRAM PROJECTS:

20-1: **Burke High School** - Construct a new 1,000-student high school on the current Burke campus by demolishing the facilities on the west side of the campus, adding CTE career academy spaces in the Rhett building and closing President Street.

20-2: **Courtney Campus** – Phase I renovated the existing campus to serve as the 9th grade academy for Burke High School during the construction of the new high school. Phase II renovated and upgraded the campus to become the permanent campus for Charleston Progressive for grades (K-8).

20-3: **Rivers Middle School** – Phase I provided renovated the classrooms, gym and bathrooms. Phase II demolished the old boiler, installed French drains and sump system under the school, and installation of new electrical power system for the school. Phase III will renovate the admin spaces to provide better security for the school, install an elevator to comply with ADA standards and further renovate the classroom spaces by installing new lights, dropped ceilings and white boards.

20-4: **Buist Academy** - Critical needs repairs to renovate the bathrooms, fix the roof and correct site drainage problems on the campus.

20-5: **Charleston Progressive** – Phase I work did critical needs repairs to the Archer campus to renovate the classrooms and bathrooms and abate the lead based paint and remove the asbestos from the media center. Phase II will move the Sanders Clyde Elementary School to this campus during the summer of 2005 as a temporary campus while the current campus is rebuilt.

20-6: **Fraser Elementary School** - Critical needs repairs to replace the windows, air-conditioners and roof and renovate the bathrooms.

20-7: **Memminger Elementary School** - Critical needs repairs to replace the windows, air-conditioners and roof and renovate the bathrooms and paint out the school.

20-8: **Mitchell Elementary School** - Repair water intrusion problems and repair the entrance portico.

20-9: **James Simmons Elementary School** - Critical needs repairs to renovate the classrooms and bathrooms and install a new elevator to provide ADA access.

20-10: **Sanders Clyde Elementary School** – Nominal critical needs repairs to repair sub-grade plumbing and upgrade electrical service. This campus will be demolished to build a new school on this site.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECT:

20-1: **Sanders Clyde School** – Constructed a 550-student CD-8 arts infused campus.

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

20-1: **Rivers Campus** – Seismically up fit and renovated the campus to support the Charleston Charter School of Math and Science and Lowcountry Tech. Opened January 2013.

20-2: **Memminger Elementary School** – Constructed a new 500-student elementary school on the legacy campus. The new Memminger re-opened summer 2013.

20-3: **Buist Academy** – Seismically up fit and renovated the historic 1921 building and expanded the school to support a 500-student K-8 school. The new Buist Academy re-opened summer 2013.

20-4: **Charleston Progressive Academy** – Seismically up fit and renovated the historic 1955 building and expanded the school to support a 500-student CD-5 school. The new Charleston Progressive Academy re-opened summer 2013.

20-5: **James Simons School** – Retained the Moultrie and King Street façades of the historic 1919 school and expanded the school to support a Montessori school (Primary, Early El and Upper El). James Simons re-opened in January 2014. The third floor has been reserved to support future middle grades Montessori program.

ENROLLMENT TRENDS VS CAPACITY

District 20 Schools		Actual enrollment numbers				Forecasted enrollment numbers						
School Name	School Years	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Capacity											
Charleston Progressive	441	233	254	313	367	435	441	441	441	441	441	441
Memminger	480	315	361	350	386	382	379	392	400	397	394	398
James Simons (3rd floor not in use)	320	207	189	200	239	244	252	291				
James Simons with 3rd floor completed	480								293	296	290	282
Buist Academy	456	386	386	397	456	452	451	448	446	443	440	437
Fraser	358											
Mitchell	497	376	379	400	372	366	366	400	422	422	445	457
Sanders-Clyde	621	487	516	539	529	555	561	557	558	560	570	591
Burke High (grades 7 & 8) capacity 654		171	155	145	113							
Burke HS (grades 9-12) capacity 816		440	364	322	299							
Burke grades 7-12	1470			467	412	402	413	411	390	399	410	434
Sum of non-charter schools	4445	2615	2604	2666	2761	2836	2863	2940	2950	2958	2990	3040
Charleston Math & Science Charter	500	376	426	457	498	500	500	500	500	500	500	500
Chas Development Academy Charter	200	198	211	182	191	203	209	209	209	209	209	209
Total for all schools District 20	5145	3189	3241	3305	3450	3539	3572	3649	3659	3667	3699	3749

LEGEND

Under 90% Capacity
90% to 100% Capacity
101% to 110% Capacity
111% and above Capacity

Prepared for Capital Improvements Department
January 2014

School closed in 2009

Capacity for charter schools is determined by the school's charter committee

Note: A school with a blue field is a school, such as a Magnet Program school, whose enrollment is capped at the Program Capacity listed, and must limit enrollment at that p
General Notes:

Enrollment numbers are from the District 20 tenth day of school year until 2011 when the 7th day became the standard.

In 2013 reconstruction of Buist, Memminger, Charleston Progressive, and Simons was completed. This changed the capacities to the number now shown.

Former capacity of these schools is as follows: Buist-411; Chas. Prog.- 461, Memminger-472; Simons-614.

The program for Simons is mixed in 2014, part Montessori (P, L EI, U EI) and part conventional instruction. When the 3rd floor is completed, Montessori M Gr will be added.

The capacities shown are the program capacities for the building only, but only the Charter School of Math & Science has mobiles as of 2013-14..

The School of M & S middle school grades will remain in mobiles until the next capital building program is approved and funded. Here the mobile capacity is included in the tot
Charter schools set their own capacity figures.

For historical purposes, the historical capacity colors will not be changed for years prior to 2013. 2013 and the future will be current.

District 20 elementary schools go up to 6th grade except K-8 for Buist, Sanders Clyde and until 2009 Charleston Progressive.

Frazer ES closed in 2009 and Charleston Progressive dropped the 7th and 8th grades. Fraser attendance zone students went to Sanders-Clyde and Memminger.

Until school year 2012, the Burke Middle School was in the Rhett Building. The former capacity for Burke with the Rhett building was 1326.

The Rhett building's future use is not determined for SY 2013. Burke High uses some of the Rhett's floor space.

ENROLLMENT COMMENTS:

District 20 schools have been totally recapitalized. The first school recapitalized was Burke High School. The Board supported building a campus far larger than the projected District 20 high school enrollment with the vision that Burke would serve a dual purpose: a community high school for District 20 and a district magnet that would draw students from other parts of the community like Burke did in its past. That has not happened. And, now there is excess capacity at the Burke campus.

There is presently adequate capacity at the District 20 elementary schools and the district is moving forward to execute the K-8 vision for downtown schools. Sanders Clyde, Buist Academy and James Simons were rebuilt as K-8 schools. And, Memminger and Mitchell has the capacity to grow into K-8 schools.

DISTRICT 20 - HISTORIC ENROLLMENT								
Grade	SY 04-05	SY 05-06	SY 06-07	SY 07-08	SY 08-09	SY 09-10	SY 10-11	SY 11-12
K	172	215	191	195	189	243	227	237
1	160	168	186	169	195	186	184	179
2	161	155	175	169	165	195	175	160
3	133	145	141	154	162	184	183	175
4	154	134	130	143	155	154	167	174
5	177	139	120	118	138	157	147	159
6	179	165	144	126	114	130	142	138
K-6	1136	1121	1087	1074	1118	1249	1225	1222
7	182	171	134	102	103	96	113	134
8	146	155	145	129	88	112	79	99
7-8	328	326	279	231	191	208	192	233
9	252	212	205	200	180	132	132	106
10	152	179	138	112	138	129	114	109
11	109	105	113	96	76	87	75	94
12	109	136	125	126	119	95	112	81
9-12	622	632	581	534	513	443	433	390
K-12*	2086	2079	1947	1839	1822	1900	1850	1845
Char/CW	822	822	807	782	961	1085	1107	1324
K-12	2908	2901	2754	2621	2783	2985	2957	3169

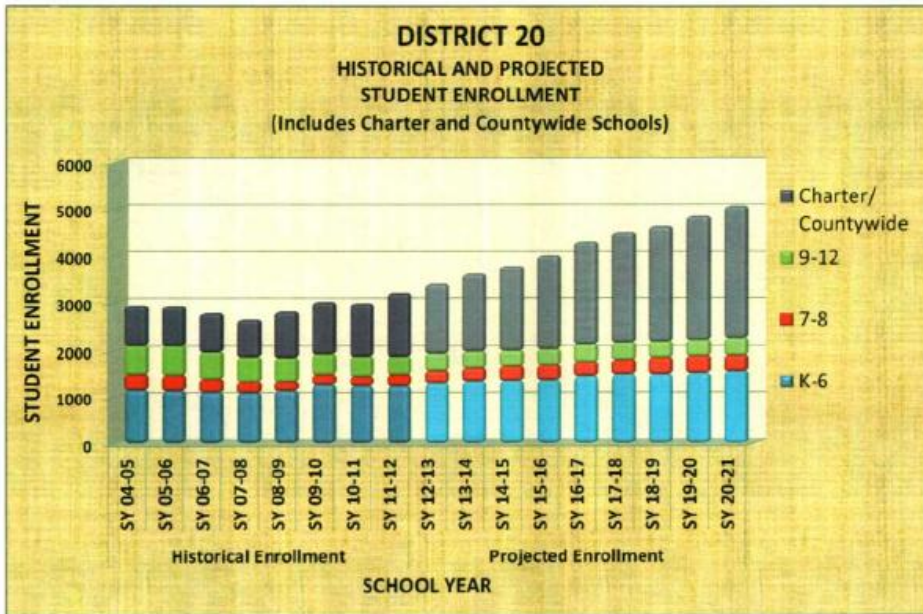
* Does not include Charter, County-wide Magnets, or County-wide Programs located in District.

District 20 Historic Enrollment (COG School Enrollment Analysis Draft)

DISTRICT 20 - PROJECTED ENROLLMENT									
Grade	SY 12-13	SY 13-14	SY 14-15	SY 15-16	SY 16-17	SY 17-18	SY 18-19	SY 19-20	SY 20-21
K	230	228	208	208	271	247	252	256	260
1	218	210	209	190	190	246	227	232	236
2	177	214	204	203	187	185	238	223	227
3	157	173	210	199	197	181	179	229	217
4	173	159	176	211	198	195	181	178	224
5	169	169	156	173	208	193	190	176	173
6	160	172	171	160	177	213	194	193	178
K-6	1284	1325	1334	1345	1427	1461	1462	1486	1515
7	127	151	160	162	157	173	204	187	183
8	122	115	136	144	145	139	154	183	167
7-8	249	266	295	306	302	312	358	369	350
9	120	143	121	126	145	132	103	114	156
10	76	86	102	87	90	104	94	74	81
11	74	51	58	69	59	61	70	64	50
12	113	89	62	70	83	70	73	84	76
9-12	383	369	343	351	376	366	340	335	364
K-12*	1916	1960	1973	2002	2106	2140	2160	2190	2229
Char/CW	1461	1622	1781	1975	2170	2334	2449	2628	2802
K-12	3377	3582	3754	3977	4276	4473	4609	4818	5031

* Does not include Charter, County-wide Magnets, or County-wide Programs physically located in District.

District 20 Projected Enrollment (COG School Enrollment Analysis Draft)



District 20 Total Historic and Projected Enrollment by Grade (COG School Enrollment Analysis Draft)

District 20 Live In/ Attend Summary

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
James Simons Elementary School	PK-6	273	20	271	2	2	256	97	176	159
Julian Mitchell Math and Science Elementary School	PK-6	382	20	380	2	2	400	231	151	169
Memminger School of Global	PK-6	393	20	393	0	2	390	161	232	229
Sanders-Clyde Elementary School	PK-8	658	20	657	1	2	645	393	264	252
Burke Middle & High School	7-12	466	20	466	0	11	732	328	138	404

The past three years have been chaotic for District 20 because four schools were relocated to swing campuses in different cities as the schools were rebuilt.

These schools reopened downtown in their new campuses in SY13/14. It is expected to take a few years until enrollment trends settle out and parents take advantage of the full range of choice options that now exist in District 20.

PLANNING ISSUES:

Life Safety:

The two inactive campuses have not been seismically renovated.

Growth:

There has been a major reduction in the number of school age children that live in District 20. But, it is projected that the Charter School and district wide magnet school enrollment will increase.

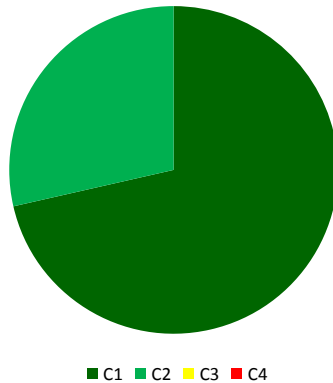
Programmatic:

The Board has approved District 20 schools becoming K-8 schools to provide a strong set of diverse feeder schools for Burke High School with an Honors middle school program at Burke. But, the District 20 Neighborhood Planning Team has recommended the district establish a standalone middle school for District 20 despite the small middle school enrollment.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 20 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	Phase IV Building Program
Burke MS/HS	20	MS/HS	C2	C2	C2	C2	C2	Capital Maintenance
Charleston Charter School of Math & Science	20	CHARTER	C1	C2	C1	C1	C1	MS Addition
Memminger ES	20	ES	C1	C2	C1	C1	C1	
Buist Academy	20	ES/MS	C1	C2	C1	C1	C1	Enrollment Cap
Charleston Progressive Academy	20		C1	C2	C1	C1	C1	
Sanders-Clyde ES	20	ES	C2	C2	C2	C2	C2	
James Simons ES	20	ES	C1	C2	C1	C1	C1	MS Upfit
Charleston Development Academy	20	ES						New School

DISTRICT 20 SUMMARY



OPERATIONAL DEFINITIONS
C1 - MISSION READY
C2 - MISSION READY WITH SOME ISSUES
C3 - MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4 - NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6-Year Program:

- 20-1: **Mitchell Elementary School** – Whole school renovation and upgrade of the school to meet the district’s security, IT and FFE standards. Build a gym with a music room on the adjacent park to convert Mitchell to a CD-8 school. This project will also incorporate any just in time cyclical capital maintenance.
- 20-2: **Burke Middle/High School** –Expand the Burke HS building to connect the ROTC/Culinary Wing to the Main building and provide an accessible entrance on Fishburne Street to provide adequate security to the campus.
- 20-3: **James Simons-Uplift** the third floor for the Montessori Middle grades program.

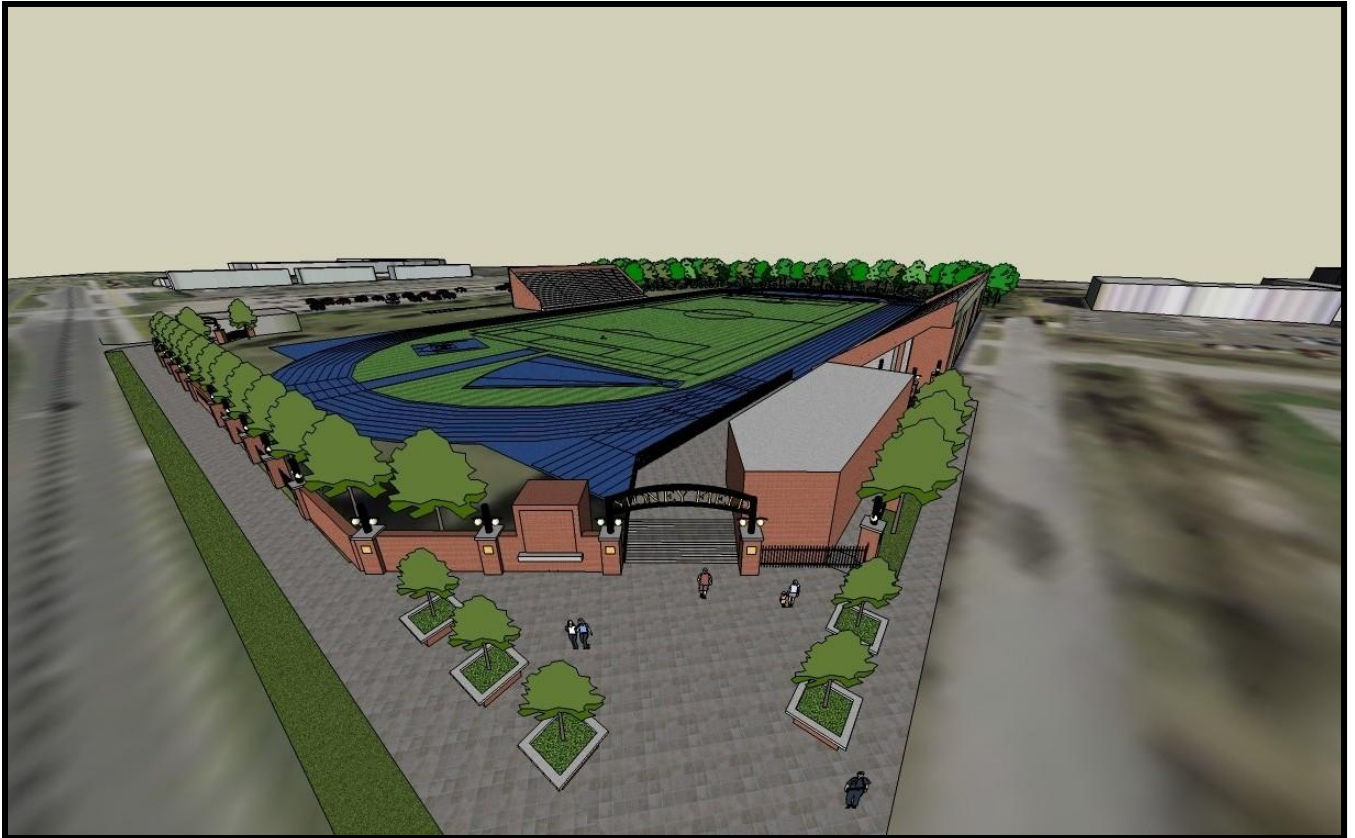
9-Year Program:

- 20-4: **Stoney Field**– Fund the district’s pro rata share of the costs for the City to renovate and upgrade Stoney Field as a joint use facility following the proposed Master Plan developed by the city.
- 20-5: **Charleston Development Academy** – Build a standalone school on Harmon Field to support a CD8 program.
- 20-6: **Charleston Charter School of Math and Science** – Build a Middle School facility on the Rivers campus and provide bus parking for the Charter bus fleet.

Capital Maintenance- Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, carpets, IT infrastructure, etc). The Facility Condition Assessment will develop the scopes of work to be done at these schools.

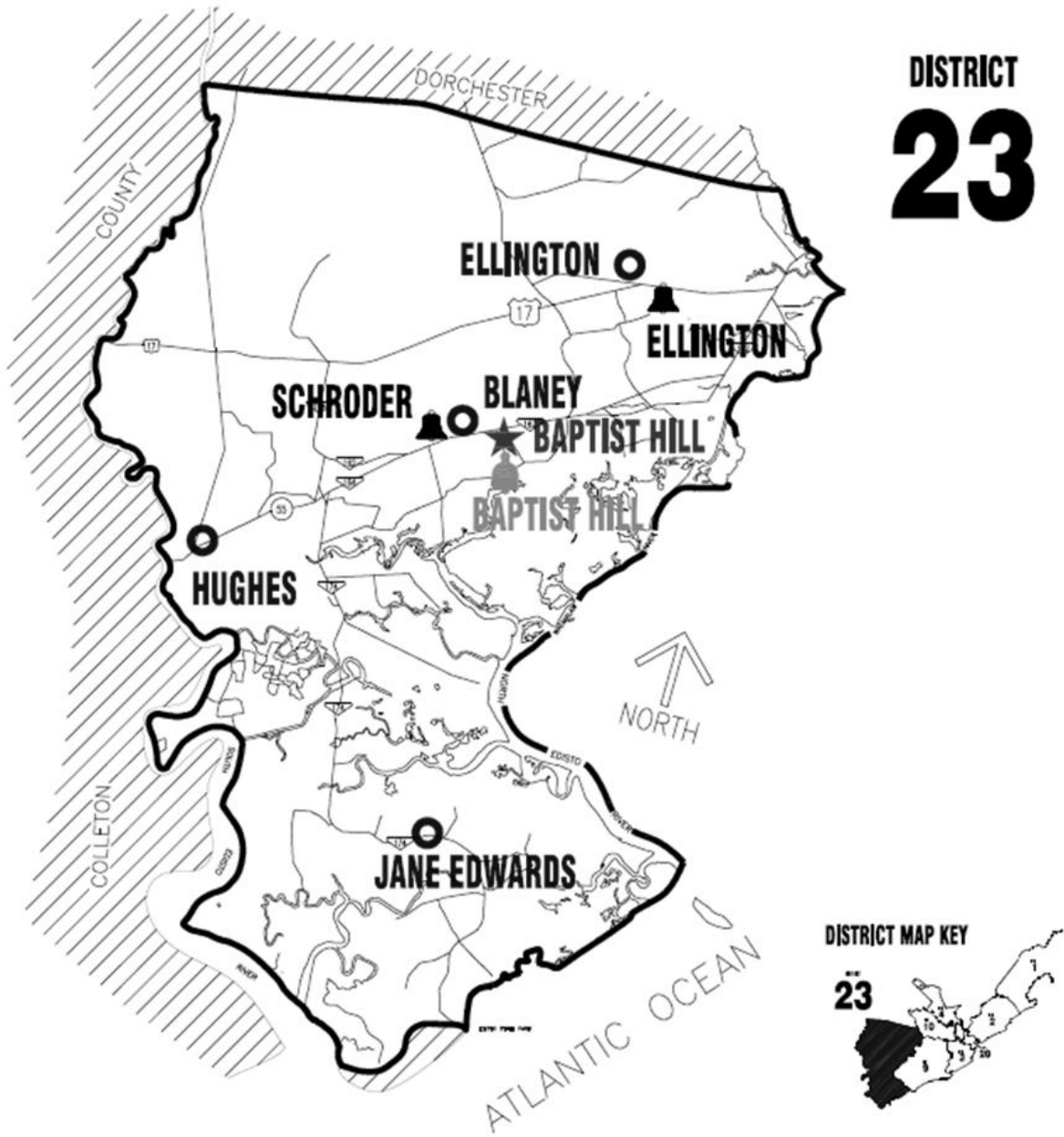
20-CM1: Burke MS/HS

STONEY FIELD BIRD'S EYE VIEW



DISTRICT 23: ST. PAULS CONSTITUENT DISTRICT

FEEDER SYSTEM:



DISTRICT 23 SCHOOLS:

MIDDLE/HIGH SCHOOLS – (1)



Baptist Hill MS/HS

ELEMENTARY SCHOOLS = (4)



Jane Edwards ES



C.C. Blaney ES



Minnie Hughes ES



E.B. Ellington ES

CHARTER SCHOOLS = (NONE)

TOTAL SCHOOLS: 6

INACTIVE SCHOOL = (1)



Schroder Campus

DEMOGRAPHICS:

District 23 serves a very large part of Charleston County located between Wadmalaw Island and Colleton County along the South Edisto River. This is a rural district that serves the Towns of Hollywood, Ravenel, Meggett, and Edisto Beach.

The total population of District 23 has increased about 5.3% from 14,266 in 2000 to 15,034 in 2010. The population in this area is aging and there has been a major decline (>20%) in the school age population over the past 10-years. This trend is not expected to change.

Data from 2000 and 2010 Census

DISTRICT 23			
Age Group	Population 2000	Population 2010	% Change
Under 5	830	825	-0.60
5 to 9	1070	855	-20.09
10 to 14	1279	848	-33.70
15 to 14	1113	984	-11.59
20 to 24	680	869	27.79
25 to 29	714	754	5.60
30 to 34	781	704	-9.86
35 to 39	1149	730	-36.47
40 to 44	1167	875	-26.28
45 to 49	1160	1258	8.45
50 to 54	1069	1355	24.43
55 to 59	869	1346	54.89
60 to 64	698	1293	85.24
65 to 69	573	908	58.46
70 to 74	405	573	41.48
75 to 79	310	404	30.32
80 to 84	182	238	30.77
Over 84	177	215	21.47
Total	14266	15034	5.38

District 23, Population change by age group (COG School Enrollment Analysis Draft)

DISTRICT 23			
Age Group	Population 2000	Population 2010	% Change
Under 5	830	825	0.60
5 to 9	1070	855	-20.09
10 to 14	2279	848	-33.70
15 to 17	736	628	-14.67
18 and 19	377	356	-5.57

District 23, Under 20 Population Change (COG School Enrollment Analysis Draft)

BUILDING PROGRAM ACCOMPLISHMENTS:

BUILDING PROGRAM ACCOMPLISHMENTS PRIOR TO 2000:

- 23-1: **Jane Edwards Elementary School** – Whole school renovation and addition of the school campus.
- 23-2: **Minnie Hughes Elementary School** – Whole school renovation and addition of the school campus.

2000-2005 (PHASE 1) BUILDING PROGRAM PROJECTS:

- 23-1: **Baptist Hill High School** - Whole school renovation and major addition of a classroom wing and new cafetorium facility.
- 23-2: **R.D. Schroder Middle School** - Whole school renovation and addition of a science wing.
- 23-3: **C.C. Blaney Elementary School** - Whole school renovation and the addition of a classroom wing.
- 23-4: **E.B. Ellington Elementary School** - Critical need repairs and the acquisition of a parcel of land centrally located in the Town of Ravenel to build a new replacement school in the 2005-2009 building program.
- 23-5: **Charleston County Parks and Recreation** - Construction of a new recreation complex and parking located between Schroder Middle School and Blaney Elementary School.
- 23-6: **Sewer Connection** - Collaborative funding of the Hollywood sewer line to connect both Schroder Middle School and Blaney Elementary School to the new sewer system serving the Town of Hollywood. This project allowed CCSD to cease operation of septic systems for these schools.

2005-2010 (PHASE 2) BUILDING PROGRAM PROJECTS:

- 23-1: **E.B. Ellington Elementary School** – Constructed a new Elementary facility on the new campus in central Ravenel to build a new 500-seat arts infused elementary school.
- 23-2: **Baptist Hill Middle School (QSCB)** – Design and construction of a new Middle School facility for grades 7-8 supporting a single gender program on the Baptist Hill campus. The new facility will open for SY2011.

2011-2016 (PHASE 3) BUILDING PROGRAM PROJECTS:

None approved.

ENROLLMENT TRENDS VS CAPACITY

District 23 Schools		Actual enrollment numbers																	
School Year (Fall semester)		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
School	Capacity																		
Blaney ES	333	196	205	193	172	201	181	190	290	227	182	195	185	183	182	179	170	299.7	333
suggested Blaney No.									low by	41	223	236	226	224	223	220	211		
Jane Edwards ES**	147	147	149	133	126	114	110	120	109	89	126	127	117	114	116	117	120	132.3	147
sugg Jane Ed No.									hi by	29	97	98	88	85	87	88	91		
Ellington ES	353	226	227	242	242	240	275	298	335	288	290	278	267	253	247	236	231	317.7	353
sugg Ellington No.									hi by	9	281	269	258	244	238	227	222		
Minnie Hughes ES	320	168	169	177	169	185	185	187	193	216	189	193	183	180	175	170	165	288	320
sugg M Hughes No.									low by	28	217	221	211	208	203	198	193		
Schroder MS	701	341	301	260	217	0													
Baptist Hill HS Grades 7-8	NA					125	118	108	121	144									
Baptist Hill HS Grades 9-12	NA					352	295	292	257	261									
Baptist Hill HS Grades 7-12	761	466	466	453	403	477	413	400	378	405	358	372	388	423	433	447	453	684.9	761
									low by	39	397	411	427	462	472	486	492		
Sum	2615	1544	1517	1458	1329	1217	1164	1195	1305	1304								2353.5	2615

Numbers are from District 23 tenth day enrollment data until 2011 when the 7th day became the standard.

Capacity figures are for the building program capacity only, and does not include mobiles classrooms, if present.

Note: Elementary schools other than Jane Edwards were K-5 until SY 2009/10 when the sixth grade was added.

Note: Jane Edwards was K-8 until SY 2009/10; then became K-6. Seventh & eighth grades go now to Baptist Hill Mid. Sch. Section.

Schroder MS was closed in SY 2009; 7th and 8th grades only were transferred to the Mid Sch section of Baptist Hill HS, which became 7-12th.

Blaney's capacity without head start area is 271 Program capacity. Head Start adds 120 seats maximum (or 106 Program capacity)

**Jane Edwards capacity was higher than shown today because it has added some non-capacity programs into former classrooms.

***When Jane Edwards was a K-8 school, its program capacity was 275.

LEGEND

Under 90% Capacity

90% to 100% Capacity

101% to 110% Capacity

111% and above Capacity

School closed in 2009

Prepared by Capital Programs Department

February, 2010

Modified July 2010 to show middle school grades separately from high school grades

Revised Sept 2013 to show actual enrollments from 05 to 13 rather than future projections.

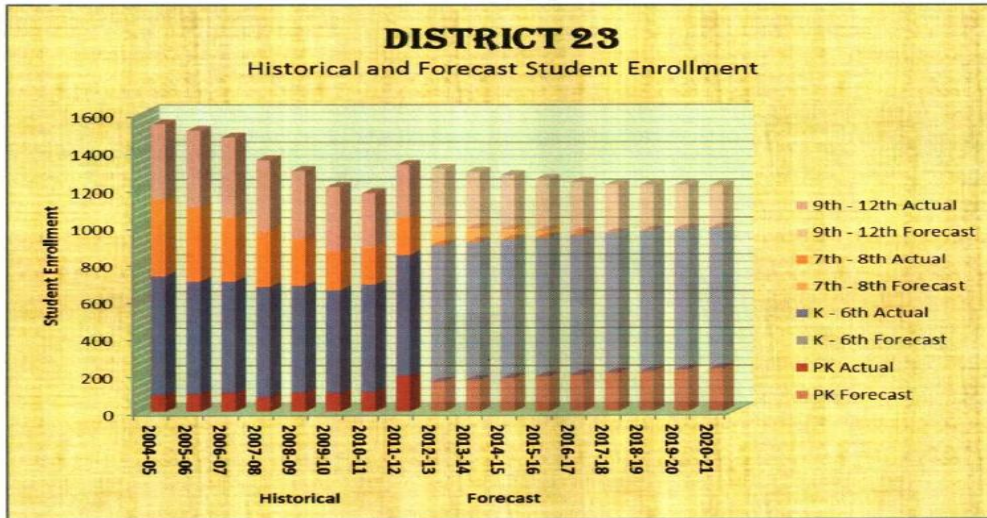
ENROLLMENT COMMENTS:

District 23 is a racially and economically diverse set of rural communities. But, the enrollment in District 23 schools does not reflect the area diversity. Many students transfer out of the district, attend private/parochial schools or now attend the State chartered Lowcountry Leadership Charter School. In 2010, there were approximately 2,510-school age children living in District 23 and in SY2011/12 only 1,324-students attended District 23 schools for a market rate of 53%.

The recapitalization of the District 23 schools has produced a set of new and fully renovated schools. The district has already closed Schroder campus and there is now excess capacity in the District 23 elementary schools.

SY	PK	K-6th	7th-8th	9th-12th	Total
2004-05	88	640	415	399	1542
2005-06	95	605	400	408	1508
2006-07	99	601	345	427	1472
2007-08	78	593	300	379	1350
2008-09	100	576	250	367	1293
2009-10	98	554	211	345	1208
2010-11	104	578	205	288	1175
2011-12	190	652	204	278	1324
2012-13	185	771	203	366	1525
2013-14	200	794	177	358	1529
2014-15	215	817	151	350	1533
2015-16	230	840	124	342	1536
2016-17	245	863	98	334	1540
2017-18	260	887	71	326	1544
2018-19	275	910	44	318	1547
2019-20	291	933	17	310	1551
2020-21	306	957	0(-10)*	302	1555
		Actual	Forecast		
*Forecast predicts (-10) students in 6th – 8th grades in D23 by 2020-21. Though zero is the real minimum, these negative students are counted as missing not padded into other age groups.					

District 23, Enrollment Forecast by Age Group (COG School Enrollment Analysis Draft)



District 23, Historical and Forecast Student Population (COG School Enrollment Analysis Draft)

District 23 Summary

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County	Total Live-In (Grade Config)	Live and Attend In	Live Out, Attend In	Live In, Attend Out
C. C. Blaney Elementary School	P K	257	23	255	2		228	178	79	50
E. B. Ellington Elementary School	P K	300	23	300		4	402	269	31	133
Jane Edwards Elementary School	P K	89	23	89		2	91	78	11	13
Minnie Hughes Elementary School	P K	218	23	218			292	204	14	88
Baptist Hill High School	7	412	23	411	1	2	703	403	9	300

PLANNING ISSUES:

District 23 schools have been completely rebuilt or renovated and modernized through a very successful capital improvements plan over the past 10-years. The district has received national recognition for this effort to keep small, rural schools to serve these communities as opposed to closing them and building a single K-12 regional campus.

Life Safety:

There are no known Life Safety issues at the District 23 schools.

Growth:

District 23 serves many rural communities. The elementary schools are central to these small towns. Therefore, the Board adopted a rural covenant to keep these schools open at an affordable per pupil costs. The district has added grade 6 to the elementary schools as well as early childhood programs to increase the enrollment and improve student achievement.

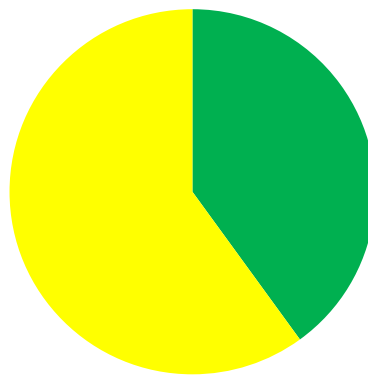
Programmatic:

The transformation of the Baptist Hill campus into a MS/HS campus has been very successful. But, the district has additional work that needs to be done at the Baptist Hill campus to upgrade and improve the athletic facilities to comply with the new CCSD High School Athletic Ed Specs and to provide the needed CTE facility on campus to support the career academies that are programmed for Baptist Hill under the district's Regional CTE Master Plan.

2014 CONDITION ASSESSMENT SUMMARY:

DISTRICT 23 SCHOOLS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
Baptist Hill MS/HS	23	HS	C3	C2	C2	C2	C3	CTE Addition & Capital Maintenance
Jane Edwards ES	23	ES	C2	C2	C2	C2	C2	Capital Maintenance
Minnie Hughes ES	23	ES	C3	C2	C2	C2	C3	Capital Maintenance
C.C. Blaney ES	23	ES	C3	C2	C2	C2	C3	Capital Maintenance
E.B. Ellington ES	23	ES	C2	C2	C2	C2	C2	

DISTRICT 23 SUMMARY



■ C1 ■ C2 ■ C3 ■ C4

OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

6-YEAR PROGRAM

- 23-1: **Baptist Hill High School CTE Facility** –Construct a CTE facility to support the career academies programmed for Baptist Hill High School in the district’s regional CTE plan.
- 23-2: **CC Blaney School of Advanced Studies** – Renovate the campus to become an advanced studies school (K-8) to support the Southwest region.

9-YEAR PROGRAM

- 23-3: **Baptist Hill High School Land** – Purchase land adjacent to Baptist Hill High School to provide adequate fields to support a full range of boys and girls sports.
- 23-4: **Baptist Hill High Athletics** - Modernize the BHHS Stadium and field house and build out the needed practice and sports fields on the land that has been acquired.

Capital Maintenance- Perform the needed cyclical capital maintenance (Roofs, HVAC, Bathrooms, Carpets, IT Infrastructure, etc). The Facility Condition Assessment will develop the detailed scope of work to be done at these schools.

- 23- CM 1: Jane Edwards Elementary School
- 23-CM2: Minnie Hughes Elementary School
- 23-CM3: CC Blaney Elementary School
- 23-CM4: Baptist Hill High School

INTENTIONALLY LEFT BLANK

BLANK PAGE

DISTRICT WIDE: MAGNET SCHOOLS AND PROGRAMS

HIGH SCHOOLS = (3)



Garrett Academy of Technology



Academic Magnet HS



Septima Clark Academy

MIDDLE SCHOOL + HIGH SCHOOL = (2)



School of the Arts



Military Magnet

ELEMENTARY SCHOOLS=(2)



Buist Academy



Charleston Progressive

DISTRICT WIDE PROGRAMS = (2)



Daniel Jenkins Academy



Liberty Hill Academy

DEMOGRAPHICS:

Charleston County School District established thematic district wide magnet schools to respond to parent's request for choice options for their students and to improve the district overall market share. These schools started as "pop up" schools that used a number of closed schools to support their program. These programs grew and thrived despite the condition of the school facility.

Additionally, Charter Schools are now a choice option for parents. Two CCSD schools became "conversion charters": James Island Charter High School and Orange Grove Elementary Charter School. The other charter schools have been "start up charter schools" that use a wide variety of facilities to support their program. The board approved one "start up" charter school, Charleston Charter School of Math and Science at the Rivers campus collocated with Lowcountry Tech Academy.

The district wide magnet schools and charter schools accept students from across the county and do not have attendance zones. The capacity of these schools is either controlled by the Board of Trustees or a school's charter. This allows these schools to control their enrollments within the Board approved target.

BUILDING PROGRAM ACCOMPLISHMENTS:

PROJECTS PRIOR TO 2000:

DW-1: **Academic Magnet HS** – Addition of a science wing.

DW-2: **Buist Academy**-Critical needs repairs to renovate the bathrooms fix the roof and correct site drainage problems on the campus.

2000-2005 BUILDING PROGRAM (PHASE 1) PROJECTS:

DW-1: **Septima Clark Corporate Academy** - Critical need repairs to install new windows and air conditioners as well as paint the classrooms.

DW-2: **Garrett Academy of Technology** - Critical needs repairs to the HVAC equipment and upgrade of the primary power

DW-3: **Academic Magnet High School** - Renovation of media center to meet SACS accreditation and repainting the school, replacement of flooring, renovation of bathrooms and replacement of the central chiller plant

DW-4: **School of the Arts** - Renovation of the Berry Building to include new windows, air conditioners, bathrooms. Phase II to include removing VAT floor tile and replace flooring and paint out the school.

DW-5: **Charlestowne Academy** - Move the school to the Bethune campus from the temporary mobile campus at the former Bonds Wilson High School. The Berry campus will become the permanent campus for Charlestown Academy with the completion of the Center of Excellence.

DW-6: **Military Magnet School** - Construction of a new 3-story high school wing.

DW-7: **Discipline School** - Build new temporary campus at the Bonds Wilson campus.

DW-8: **New Endeavors and Horizon House Programs** - Build a new temporary campus at the Bonds Wilson campus.

DW-9: **Center of Excellence** - Demolish the abandoned Bonds Wilson and Liberty Hills facilities and fund the design of a new joint campus for the Academic Magnet High School and the School of the Arts.

2005-2010 BUILDING PROGRAM (PHASE 2) PROJECTS:

DW-1: **School of the Arts** – Design and build a new middle school, high school, fine arts and performing arts facility for 1,200-students at the Bonds Wilson campus.

DW-2: **Academic Magnet High School** – Design and build a new high school and gym for 600-students at the Bonds Wilson campus. The campus will also contain a kitchen, cafeteria, media center and admin facility that is shared by the School of the Arts and the Academic Magnet HS.

DW-3: **Military Magnet Academy** – Design and build a new state of the art middle school, gym, cafeteria/kitchen and fine arts spaces to transform the Military Magnet campus into a 6-12 campus.

DW-4: **Liberty Hills Academy** – Design and build a new facility on the Carolina Youth Development Center to serve 150-special needs students at each instructional level with itinerant spaces for counselors to provide on campus services to the most fragile students in the district.

DW-5: **Daniel Jenkins Academy** – Design and build a new 160-student facility for middle school students with persistent discipline issues.

DW-6: **Septima Clark (QSCB)**- Life safety upgrades to new academic building.

DW-7: **Charleston Charter Schools of Math & Science**- construct a temporary campus to start up the new charter school. Additionally, perform a seismic upgrade and whole school renovation to the Rivers campus.

DW-8: **Charleston Community Montessori (QSCB)** – The Board approved using QSCB funds to design a new K-8 Montessori school for 340 students at the C.E. Williams campus. QSCB funds were also approved to begin construction of this school. This project must be conjunctively funded using funds from the 2010-2015 building program.

2011-2016 BUILDING PROGRAM (PHASE 3) PROJECTS:

DW-1: **Buist Academy** – Seismically retrofit and renovate the historic 1919 Buist school and expand it to support a 500-student k-8 campus in downtown Charleston.

DW-2: **Charleston Progressive Academy** – Seismically retrofit and renovate the 1955 equalization school and build out lying support facilities to provide a new 500-student school on the historic Courtenay campus in downtown Charleston.

DW-3: **Emergency Operations Center** – Fund the advance design to renovate and expand the Operations Complex to be able to move all functions on the Bridgeview Operations compound into permanent spaces and construct an Emergency Operations Center.

ENROLLMENT TRENDS vs CAPACITY

School	School Year (Fall)	Building Capacity	Actual enrollment numbers					Forecast enrollment numbers					
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Clark Academy Program HS		230	115	90	128	144	148	148	150	140	140	144	145
Military Magnet Academy (Magnet MS & HS)		938	588	564	522	512	520	522	529	526	533	533	533
School of the Arts (Magnet MS & HS)		1225	936	984	1007	1015	1026	1100	1150	1150	1175	1175	1200
Garrett Academy HS		814	730	760	789	768	791	789	789	789	789	789	789
Academic Magnet HS		650	517	565	599	591	607	601	601	601	601	601	601
Charlestowne Academy K-12		162	421	461	430	344	0	0	0	0	0	0	0
Liberty Hill Academy (County-wide K-12)		145	147	148	135	141	145	145	145	145	145	145	145
Jenkins Academy (County-wide MS & HS)		240	91	210	227	146	123	146	146	146	146	146	146
Montessori Community (K-6 through 2009)		72	94	90	89	113	123	123	123	121	120	124	126
Charleston Progressive		461	350	329	289	257	289	291	294	296	298	302	307
Buist Academy		411	406	395	395	403	394	403	404	406	406	406	406

LEGEND

- Under 90% Capacity
- 90% to 100% Capacity
- 101% to 110% Capacity
- 111% and above Capacity

Gray shading indicates the school closed after 2005.

Prepared by Capital Improvements Department Staff
February, 2010

Numbers are from the District's tenth day of school year for past and present. The future is a forecast number.
Capacity figure represents the building capacity only, and does not include mobile classroom capacity, if mobiles are present.
Future forecasts are based upon various factors but generally follow enrollment trends since 2005.
If a school building is to newly open for the 2010-2011 school year, its new capacity is shown, not the former old capacity.

School	School Year (Fall)	Building Capacity	Actual enrollment numbers					Forecast enrollment numbers					
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
East Cooper Montessori Charter		190*	66	106	160	175	190	190	190	190	190	190	190
James Island Charter HS		1600	1589	1518	1500	1499	1450	1409	1373	1329	1362	1427	1464
Boykin Academy Charter		180*	169	197	171	179	128	128	128	128	128	128	128
Charleston Development Academy Charter		166*	87	93	104	135	166	166	166	166	166	166	166
Greg Mathis Charter HS		109*	0	0	109	64	93	93	93	93	93	93	93
Sea Islands Youthbuild Charter		N.A.	55	58	75	51	0	0	0	0	0	0	0
Orange Grove Charter ES		725	713	758	643	724	692	699	701	705	711	719	719
Charleston Math & Science Charter		26	0	0	0	179	298	298	298	298	298	298	298
Charleston Development Academy Charter		166*	87	93	104	135	166	166	166	166	166	166	166

LEGEND

Gray color indicates the school closed after 2005.

Prepared by Capital Improvements Department Staff
February, 2010

Charter schools have committees with the authority to establish enrollment capacity & limits.
* The capacity for some charters is assumed based on the enrollment figure, or other data. For some charter schools, there is no data available other than enrollment.
For most Charter Schools, forecasted enrollment is based entirely on the actual enrollment of the 2009-10 school year.
However, for charter conversion schools, which formerly had attendance zones, CCSD staff has past demographic data to use to make enrollment projections.
James Island Charter HS and Orange Grove Charter Elementary School are the charter conversion schools from Charleston County.
CCSD Staff has floor plan data for the two charter conversion schools, and therefore has made a generic capacity calculation.

DISTRICT WIDE LIVE IN/ATTEND ANALYSIS

SCHOOL	Grade Config	Total Enrollment	District	Matched	Unmatched	Out of County
Academic Magnet High School	9-12	616	4	614	2	17
Ashley River Creative Arts Elementary	KG-5	569	10	569		
Buist Academy	KG-8	460	20	458	2	
Charleston Charter School for Math and	6-12	513	20	511	2	2
Charleston County School Of The Arts	6-12	1091	4	1090	1	15
Charleston Development Academy Public	PK-8	195	20	195		4
Charleston Progressive Academy	PK-6	361	20	349	12	3
East Cooper Montessori Charter School	1-8	262	2	261	1	
Garrett Academy of Technology	9-12	722	4	716	6	1
Greg Mathis Charter High School	9-12	82	4	82		
James Island Charter High School	9-12	1473	3	1469	4	4
Military Magnet Academy	6-12	467	4	463	4	1
Montessori Community School	PK-8	235	10	235		
Orange Grove Elementary Charter School	PK-5	802	10	799	3	2
The Apple Charter School	KG-8	87	9	87		1

District Wide Summary

ENROLLMENT COMMENTS

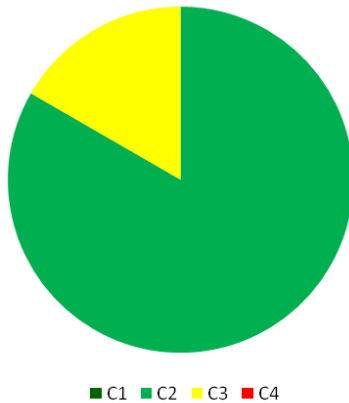
Community Montessori School- The Board approved the expansion of the grade structure from a K-6 to a K-8 and approved a project with pilot QSCB funds to design and construct a new school with a capacity of 340 students to relieve overcrowding.

Enrollment at district wide magnet and charter programs are capped.

2014 CONDITION ASSESSMENT SUMMARY

DISTRICT WIDE PROGRAMS	DISTRICT	TYPE	CONDITION	CAPACITY	TECHNOLOGY	SAFETY SECURITY	OVERALL	PHASE IV BUILDING PROGRAM
Military Magnet Academy	DW	MS/HS	C2	C2	C2	C2	C2	Capital Maintenance
Academic Magnet HS	DW	HS	C2	C3	C2	C2	C2	Enrollment Cap
School of the Arts	DW	MS/HS	C2	C3	C2	C2	C2	Enrollment Cap
Septima P. Clark Corporate Academy	DW	HS	C3	C2	C3	C2	C3	Capital Maintenance
Greg Mathis Charter HS	DW	ES/MS						
Daniel Jenkins Academy	DW	MS/HS	C2	C2	C3	C2	C2	Controlled Enrollment
Liberty Hill Academy	DW	K-12	C2	C3	C3	C2	C2	Controlled Enrollment

DISTRICT WIDE SUMMARY



OPERATIONAL DEFINITIONS
C1-MISSION READY
C2-MISSION READY WITH SOME ISSUES
C3-MISSION READY BUT DEGRADED SYSTEMS PRESENT
C4-NOT MISSION CAPABLE

PLANNING ISSUES:

Life Safety:

Charleston County is subject to hurricanes, high winds, earthquakes, as well as snow and ice storms that have the capability to do great damage to the district schools across the county. The Operations Division must have the ability to respond to disasters like these and have a Continuity of Operations Plan to be able to support the district. However, the majority of the district's key Operations Departments are in vulnerable concrete tilt up facility or temporary facilities that could greatly jeopardize the district's ability to recover from a disaster or respond to a campus crisis.

Moreover, the district's key IT network equipment is located in a temporary facility in a flood zone. These critical IT functions need to be relocated into permanent facilities that are not in the flood zone.

Charleston County and local municipalities have invested in survivable Emergency Operations Centers to be able to carry out their responsibilities to recover in a disaster or respond to a crisis. CCSD has not.

Growth:

The middle school program at Charleston Charter School of Math and Science is still located in mobiles.

Programmatic:

The Board of Trustees has approved a regional approach to high school stadiums and establishing Centers of Advanced Studies in each Region. These projects are contained in each constituent district chapter of the master plan.

The District operates the second largest bus fleet in the state of South Carolina. It has bus lots located strategically across the county to effectively and efficiently provide bus service to its students. CCSD has upgraded the bus lots that serve Districts 1, 2, 9 and 23. But, there are significant operational, safety and environmental issues at the district's bus lots serving District 3 and 4. Moreover, the district proposes to move parked buses off its largest campus Wando North to a joint corporation yard being developed by the Mt Pleasant Water Works off Darrell Creek.

RECOMMENDED PHASE IV BUILDING PROGRAM PROJECTS:

- DW-1: **Emergency Operation Center** -Seismically retrofit, renovate and expand the Bridgeview Operations facility to efficiently consolidate the Operations Departments into a permanent, survivable facility out of the flood zone to be able to respond from disasters and respond to contingencies.
- DW-2: **DW-1: District 4 (Azalea) Bus Lot**-The district's largest bus lot on Azalea Drive supports District 4, 10 and 20 busses. This lot is in need of major work to repair the pavement, provide drainage, improved physical security (fence, surveillance cameras and lights) as well as permanent facilities to house the drivers, operations staff and maintenance personnel.
- DW-3: **District 3 Bus Lot**- Currently, this bus lot is located in front of Ft Johnson Middle School. The lot is undersized and does not have adequate security or facilities to fuel, maintain or wash the busses. This project would build a bus lot to serve District 3 buses on the James Island Elementary School campus.
- DW-4: **District 2 North Bus Lot**- District 2 is so large that the district has 3-bus lots to serve District 2 (Wando South, Park West and Wando North). This project is to relocate the buses from Wando North to a bus lot on the Mt Pleasant Water Works compound.

INTENTIONALLY LEFT BLANK

BLANK PAGE