

Charlotte Mecklenburg Schools Southwest Area Plan

Presented
19 NOV 09



- CMS is the **18th** largest school district in the United States, with a 2009-10 population of more than **136,800** PreK-12 students in **103** elementary, **33** middle, and **26** high schools
- There are **1052** modular/mobile classrooms currently in use, down from a high of **1254**
- Net growth will result in an expected **2018-19** population of **187,000** students
- By 2019, CMS must build **33** elementary schools, **12** middle schools, and **13** high schools to accommodate growth and eliminate all mobile/modular classrooms



Fast Facts

- Berewick Elementary*
- Lake Wylie Elementary
- River Gate Elementary
- Steele Creek Elementary
- Winget Park Elementary
- Kennedy Middle School
- Southwest Middle School*
- Olympic High School

** Denotes Joint Use Project*



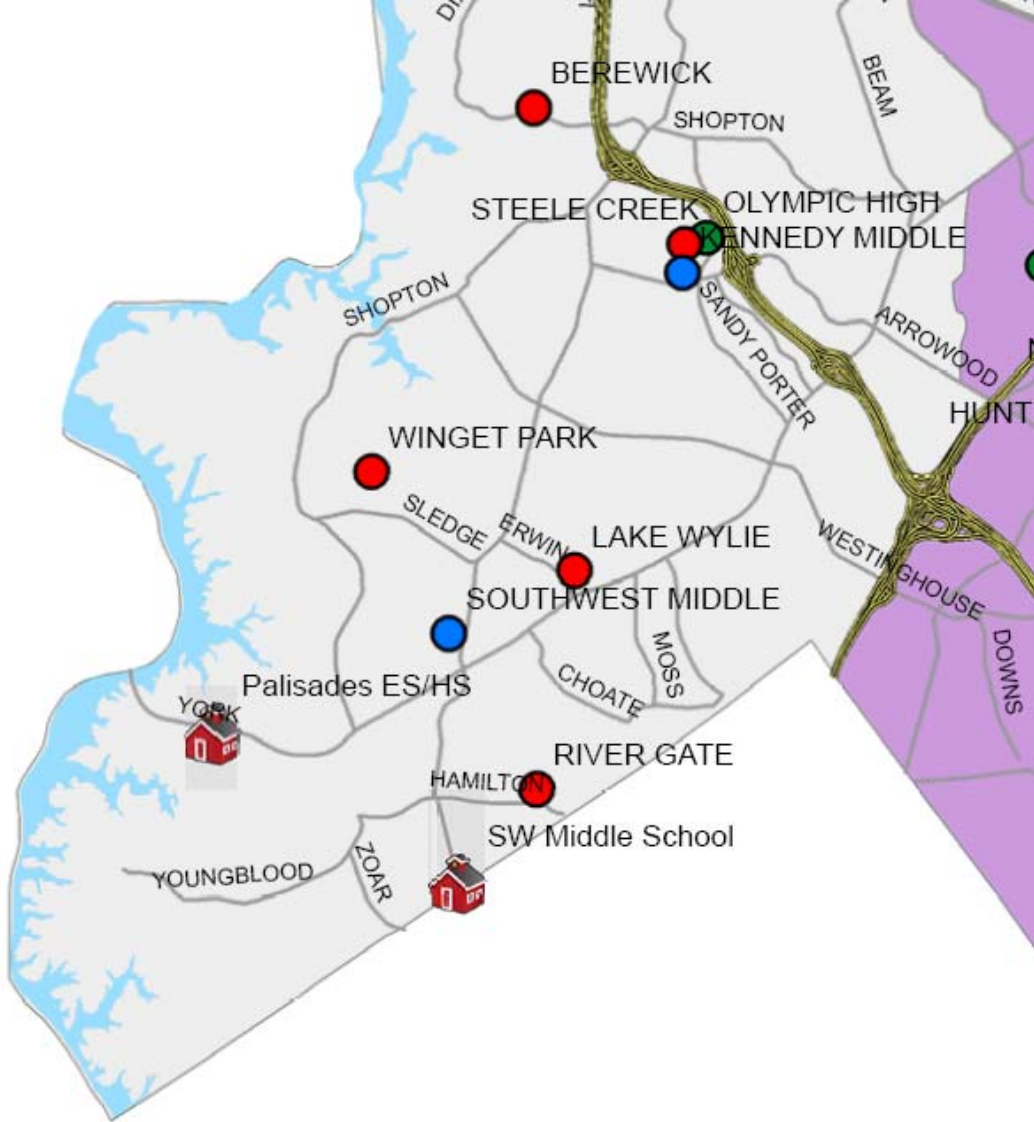
Current Schools

- **Palisades Elementary***
 - relieves Lake Wylie & Winget Park ES
- **South West Area Middle School**
 - relieves Kennedy & Southwest MS
 - landbanked
- **Palisades High School***
 - Relieves Olympic HS
 - landbanked

** Denotes Joint Use Project*



Planned Schools



Southwest Area

40 Total Projects:

17 Growth

24 Renovations/Replacements

2 Mandates/Initiatives

43 sites included; 6 schools with 2 or more projects

8 New Elementary Schools

2 New Middle Schools

2 New High Schools



The 2007 CIP Summary

Completed:

- River Gate Elementary School
- Berewick Elementary School*

Delayed:

- Palisades Elementary School* (2011)

** Denotes Joint Use Projects*



**2007 CIP Projects -
Completed & Delayed**

- **206** Total Projects
- **\$2.4B** (2007 Dollars):
 - **92** Growth Projects (**\$1.9B**, 78%)
 - **95** Renovations (**\$464M**, 19%)
 - **37** “Other” (**\$67M**, 3%)



Ten Year Capital Needs Assessment

The Ten Year Capital Needs Assessment will place in priority order the complete list of capital projects required by the school system for the next decade.

These projects address *student population growth, scheduled renovations, various legal mandates, and internally-generated initiatives.*



Purpose

- Addressing the most significant overcapacity situations first.
- Renovating those classrooms and schools with the greatest need.
- Ensuring that we meet mandates required by local, state, and federal laws.
- Implementing internally-generated initiatives that assist in the delivery of a 21st Century education.



Success

- Weighted student staffing
- Projected enrollments
- Baseline design:
 - 39 classrooms for elementary
 - 54 classrooms for middle
 - 100 classrooms for high
- Current ten month calendar
- Four period day at secondary schools
- Superintendent's Standards Review Committee recommendations



Considerations

- TAZ student yield from 2009-10 actual counts
- Classroom teacher allotments from 2009-10 (includes EC and Pre-K teachers, excludes certain teachers at specific grade levels)
- Classroom counts @ elementary, and adjusted counts @ middle and high, to account for floating teachers in general education classrooms



Methodology

Capacity is determined by comparing the number of classroom teachers assigned to a school against the number of adjusted teaching stations available at that school. *Student population is not a factor.*

At a “baseline” elementary school, the number of teaching stations is **39**, one for each classroom.



Growth

- Removed **300** mobile/modular classrooms from use (2009-10)
- Will return 125 to service (2010-11) as a result of current cash flow estimates
- Schools currently over 100% Utilization:
 - ES: **61** of 103 (59%) = **33** New ES
 - MS: **19** of 33 (58%) = **12** New MS
 - HS: **17** of 20 (85%) = **13** New HS



Growth

- Berewick Elementary 72%
- Lake Wylie Elementary 103%
- River Gate Elementary 90%
- Steele Creek Elementary 115%
- Winget Park Elementary 123%
- Kennedy Middle School 100%
- Southwest Middle School* 125%
- Olympic High School 134%



Southwest Area Utilization

- **20,000,000** square feet of building inventory
- *“Once every 30 years”*
- **33 ES, 10 MS, 7 HS**
- More than “sticks & bricks”
- Complexity (swing spaces, etc.)

A close-up photograph of many red apples, filling the bottom half of the slide. The apples are vibrant red with some green at the stems, and they are piled together, creating a textured background.

Renovations

- **Olympic High School**
 - \$11,000,000
 - Renovation/Addition
 - Project #38
- **Steele Creek Elementary School**
 - \$8,000,000
 - Renovations
 - Project #54
- **Kennedy Middle School**
 - \$20,000,000
 - Renovation/Addition
 - Project #58



Renovations

- Electrical
- HVAC
- Plumbing
- Roofing
- Paving & Sitework
- Stadiums, Fields, and Tracks



Categoricals

- Instructional Technology
 - \$3.5M to achieve 2:1 ratio
 - 21st Century Classroom
 - CTE
- Indoor Air Quality
- Asbestos Removal
- Surveillance Upgrades
- ADA
- Real Estate



Other

Each of these criteria are weighted:

- Health and Safety
- Legal Mandates
- Continuity
- Capacity – Immediate, short term, and long term
- Lifecycle Replacements
- Internally Generated Initiatives



Prioritization

Project Categories are given a number based on order of importance.

List of Capital Needs assembled, grouped by type, and prioritized within the category.



Prioritization

Total Weighted Criteria Score

Category Number X Category Priority

= **Priority Quotient**

All Projects sorted in descending order by
Priority Quotient



Prioritization

Charlotte Mecklenburg Schools



19 November 2009

