

# Capital Program Planning Issues

As Approved by  
The Board of Education  
&  
The Board of County Commissioners

September 21, 2005  
Joint Board Meeting

## **ADDENDUM** **Prepared by WCPSS and Wake County Staff**

### **Achievement Status** **As Reflected** **in the Development of** **CIP 2006 School Building Program**

Adopted by  
The Board of Education

May 16, 2006  
School Board Meeting

## Overview

Below is a list of key issues addressed in the planning assumptions adopted by the Board of Education and the Board of Commissioners. These assumptions were achieved in the development of the Board of Education's CIP 2006 except where noted. Deviations from these assumptions are noted with an asterisk and further clarified below.

1. High Performance Guidelines
2. Program Magnet Schools
3. Non-traditional School Facilities - Public/Private Partnerships
4. School Grade Configurations
5. Class Size Ratio
6. Renovation of Existing Schools\*
7. Student Accommodations\*
8. Education Program
9. Pre-Kindergarten, Ages 3-4
10. Kindergarten Program
11. School Capacity Models\*
12. New School Size & Space Standards\*
13. School Site Size
14. Property Acquisition\*
15. Support Facilities
16. Technology
17. Year Round Calendar Schools
18. Student Enrollment Projection
19. Timeframe
20. Program Price Bases
21. Funding

### 6. Renovation of Existing Schools\*

- The building assumptions called for the target of eliminating the backlog of deferred major renovation projects and deferred life cycle replacement projects to be attained by 2012.
- This target to be attained by 2015, rather than 2012

### 7. Student Accommodations\*

- The assumptions stated the goal is for no more than 8% of students to be in mobile/modular units, including modular schools; this does not include units provided as swing-space for renovation projects.
- The target of 8% will be attained by 2015 rather than 2012. Mobile percentages are estimated below:

	2005-2006	2010-2011
Elementary	27.3%	16.2%
Middle	14.7%	15.5% **
High	14.5%	13.4%
TOTAL	20.6%	17.9%

\*\* Subject to change pending potential year-round conversions.

- The assumptions called for the long-range capital planning to be based on a target of 95% utilization of permanent elementary and middle school seats, 97.5% utilization of permanent high school seats, and 100% of mobile and modular spaces. This allows for a 2 ½ % to 5% student management factor for flexibility in student assignment and classroom utilization, in recognition of the facts that: a) any given school's enrollment may increase during the school year; and b) it is not reasonable to achieve a one-to-one ratio (100% utilization) of students to available seats in a school, at a grade level, or in a classroom.
- Utilization targets to be attained by 2018 rather than 2015.
- CIP 2006 is based on 100% utilization of all seats, and 100% of mobile and modular space.

11. School Capacity Models\*

- CIP 2006 uses larger middle and high school capacity models than those included in the planning assumptions.

	Planning Assumptions School Capacity	CIP 2006 School Capacity
Middle	981	1,311
High	1,663	2,223

- The assumptions called for the building program's design and construction to be based on the October 2005 Capacity Report's models, definitions, and assumptions.
- Because the models were changed, the program's designs and construction will be based on new models to be included in future capacity reports.

12. New School Size and Space Standards\*

- The sizes of new middle and high schools were increased to larger capacities and the standard capacity model for elementary schools was not used.

Model	DPI Capacity Guidelines	Building Capacity: Traditional Calendar	Capacity with 4 or 6 mobile Classrooms (a&b)	Building Capacity: Year-Round Conversion (c)	Space Standards (Square Feet) Space Std. (d)
<del>Elementary (std.)</del>	400	655	747	843	86,880
Elementary (lg.)	700	800	892	1,124	104,039 <del>102,970</del>
Middle (std.)	600-800	981	1,137	1,293	151,760 <del>159,752</del>
Middle (lg.)	600-800	1,311 <del>981</del>	1,467 <del>1,137</del>	1,623 <del>1,293</del>	199,246 <del>159,752</del>

Model	DPI Capacity Guidelines	Building Capacity: Traditional Calendar	Capacity with 4 or 6 mobile Classrooms (a&b)	Building Capacity: Year-Round Conversion (c)	Space Standards (Square Feet) Space Std. (d)
High (std.)	800-1200	1,663	1,807	N/A	268,220** <del>261,744</del>
High (lg.)	800-1200	2,223 <del>1,663</del>	2,365 <del>1,807</del>	N/A	333,798** <del>261,744</del>

\*\* Corrected to include stadium

- (a) “4 or 6” non-permanent teaching spaces: 4 for elementary, 6 for secondary
- (b) Includes Special Needs teaching spaces.
- Elementary large - 12.
  - Due to larger school capacities, special needs spaces for middle schools increased to 16 from 12 and special needs spaces in high schools increased to 17 from 14.
- (c) Elementary (lg.): All 4 double loaded tracks with 3 mobiles. Middle schools will be; all single loaded tracks with one double loaded track instead of all single loaded tracks with 1 mobile as noted in the planning assumptions.
- (d) Actual prototypes may vary depending on code requirements. Elementary square footage reflects a 2-story design.

#### 14. Property Acquisition\*

- The planning assumptions stated that school sites would be sought for land-banking five years in advance.
- Land banking is not a component of CIP 2006; land will be sought in advance of construction start dates.
- The planning assumptions included a note about the ownership of land needing to be resolved. The ownership of land has been resolved. Title will be temporarily held by Wake County if necessary for sales tax purposes.