

## WAKE COUNTY PUBLIC SCHOOL SYSTEM

### Element Summary: Wake County Public School System

|                                    | FY 2008              | FY 2009            | FY 2010           | FY 2011          | FY 2012        | FY 2013        | FY 2014        | TOTAL              |
|------------------------------------|----------------------|--------------------|-------------------|------------------|----------------|----------------|----------------|--------------------|
| WCPSS Plan 2004                    | \$ 5,900,000         | -                  | -                 | -                | -              | -              | -              | 5,900,000          |
| WCPSS CIP 2006                     | 304,000,000          | 363,000,000        | 98,000,000        | 7,000,000        | -              | -              | -              | 772,000,000        |
| Reserve for Future Projects        | -                    | 231,000            | 242,000           | 254,000          | 267,000        | 280,000        | 294,000        | 1,568,000          |
| <b>Total Uses</b>                  | <b>\$309,900,000</b> | <b>363,231,000</b> | <b>98,242,000</b> | <b>7,254,000</b> | <b>267,000</b> | <b>280,000</b> | <b>294,000</b> | <b>779,468,000</b> |
| Bonds--Authorized                  | \$279,000,000        | 333,000,000        | 83,000,000        | -                | -              | -              | -              | 695,000,000        |
| Transfer In -Ad Valorem            | 16,000,000           | 30,000,000         | 15,000,000        | 7,000,000        | -              | -              | -              | 68,000,000         |
| Interest Earnings                  | 267,000              | 231,000            | 242,000           | 254,000          | 267,000        | 280,000        | 294,000        | 1,835,000          |
| Lottery Proceeds                   | 8,000,000            | -                  | -                 | -                | -              | -              | -              | 8,000,000          |
| State--Public School Building Fund | 5,900,000            | -                  | -                 | -                | -              | -              | -              | 5,900,000          |
| Prior Years' Uncommitted Funds     | 733,000              | -                  | -                 | -                | -              | -              | -              | 733,000            |
| <b>Total Sources</b>               | <b>\$309,900,000</b> | <b>363,231,000</b> | <b>98,242,000</b> | <b>7,254,000</b> | <b>267,000</b> | <b>280,000</b> | <b>294,000</b> | <b>779,468,000</b> |
| <b>New Operating Impact</b>        | <b>\$ 7,124,098</b>  | <b>2,971,726</b>   | <b>3,978,980</b>  | <b>3,882,708</b> | <b>964,201</b> | <b>-</b>       | <b>-</b>       | <b>18,921,713</b>  |

### Seven-Year CIP Summary

The FY 2008-2014 CIP includes approximately \$780 million to improve school facilities. These funds are primarily derived from a combination of general obligation bonds authorized by Wake County citizens in November 2006 and cash funds generated by ad valorem taxes.

### History / Background

The Wake County Public School System (WCPSS) is the second largest local education agency in North Carolina and is projected to grow by about at least 8,000 students a year. Enrollment is projected at approximately 136,000 students for the 2007-2008 school year; by 2020, updated student population projections show a total of approximately 223,000 students in the system.

The Board of Commissioners has identified “an educated citizenry” as the first of eight focus areas of significant and immediate importance to the community in addressing the opportunities and challenges posed by a rapidly growing urban county. To support this goal and focus area, the Board has allocated over 50% of the FY08-14 CIP towards construction of school facilities for K-12 education.

### Plan 2000 and Plan 2004

WCPSS still has ongoing construction activity associated with previous building programs. WCPSS’s Plan 2000, approved by voters in November 2000, is nearing conclusion and projects are being closed. Plan 2004, approved by voters in October 2003, addressed facilities needs through 2008 and included funds to repair and renovate existing schools as well as for land acquisition, construction, and initial equipping of new schools. The Board of

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Commissioners has appropriated all Plan 2000 and Plan 2004 funds to WCPSS. The last schools to be funded from Plan 2004 will open in the 2007-2008 school year; some renovation projects will be completed in subsequent years.

### CIP 2006

Of the funds designated for school construction, the majority of funds included in the FY 2008-FY 2014 CIP are designated for WCPSS' CIP 2006. CIP 2006 is designed to fund the construction of school facilities for 2007-2009; these facilities will open during the 2008-2009 through 2010-2011 school years. The CIP 2006 building plan totals \$1,055,874,837, of which \$970 million is funded by general obligation bonds approved for issuance by Wake County voters in November 2006 and the remainder is funded by cash generated by ad valorem taxes. CIP 2006 requires a tax increase of 2.7 cents to fund the debt service and cash funding of school construction.

CIP 2006 includes funding for the construction of 17 new schools and 13 comprehensive renovation projects, life-cycle replacement projects, land acquisition, and start-up funding for future building programs. CIP 2006 also includes funding for technology, furniture and equipment replacement, and space for Child Nutrition Services. The Board of Education's building program also converts 19 elementary and 3 middle schools to a year-round multi-track calendar for additional capacity gains. During FY 2007, the Board of Commissioner's accelerated appropriations for several CIP 2006 new school projects, with the goal of more quickly adding capacity. The table below and on the next page shows the projects funded for CIP 2006:

### CIP 2006 Projects (Table continues on next page)

| Project Name                                                | Target Completion | CIP 2006 Budget* | Project Name                                                        | Target Completion | CIP 2006 Budget* |
|-------------------------------------------------------------|-------------------|------------------|---------------------------------------------------------------------|-------------------|------------------|
| <b><u>New Schools &amp; Crowding Solutions Projects</u></b> |                   |                  | <b><u>Existing School Projects &amp; Project Administration</u></b> |                   |                  |
| 2008 Opening River Bend Elem (19)                           | 06/01/08          | 19,511,165       | Aversboro Elementary                                                | 06/01/09          | 20,088,095       |
| 2008 Opening Elementary (17)                                | 06/01/08          | 20,173,716       | East Millbrook Middle                                               | 10/01/09          | 27,415,161       |
| 2008 Opening Laurel Park Elem (26)                          | 06/01/08          | 20,078,513       | East Wake High                                                      | 06/01/09          | 22,428,769       |
| 2008 Opening Elementary (22)                                | 06/01/08          | 15,897,874       | Lynn Elementary                                                     | 06/01/09          | 20,891,207       |
| 2008 Opening Banks Rd Elem (23)                             | 06/01/08          | 21,159,465       | Martin Middle                                                       | 06/01/08          | 8,715,892        |
| 2009 Opening Elementary (27)                                | 06/01/09          | 22,991,311       | Lacy Elementary                                                     | 08/01/10          | 21,329,837       |
| 2009 Opening Elementary (28)                                | 06/01/09          | 22,822,608       | Poe Elementary                                                      | 08/01/09          | 13,839,270       |
| 2009 Opening Elementary (30)                                | 06/01/09          | 22,822,608       | Root Elementary                                                     | 08/01/09          | 19,630,017       |
| 2009 Opening Elementary (25)                                | 06/01/09          | 22,991,311       | Bugg Elementary                                                     | 08/01/11          | 19,528,445       |
| 2010 Opening Elementary (31)                                | 06/01/09          | 22,746,541       | Wilburn Elementary                                                  | 08/01/10          | 20,969,520       |
| 2010 Opening Elementary (29)                                | 06/01/11          | 1,182,682        | Cary High                                                           | 08/01/08          | 9,932,867        |
| E-34                                                        | 06/01/09          | 22,826,072       | Enloe High                                                          | 11/01/08          | 7,825,458        |
| 2009 Opening Wendell Middle                                 | 06/01/09          | 30,561,549       | Smith Elementary                                                    | 07/01/09          | 18,401,717       |
| 2010 Opening Middle (9)                                     | 06/01/10          | 42,632,409       | Life-Cycle Replacement of Building Components                       | Various           | 67,813,687       |

\* As of May 1, 2007.

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| Project Name                                                | Target Completion | CIP 2006 Budget*   | Project Name                                                        | Target Completion | CIP 2006 Budget*   |
|-------------------------------------------------------------|-------------------|--------------------|---------------------------------------------------------------------|-------------------|--------------------|
| <b><u>New Schools &amp; Crowding Solutions Projects</u></b> |                   |                    | <b><u>Existing School Projects &amp; Project Administration</u></b> |                   |                    |
| 2010 Opening Middle (10)                                    | 06/01/10          | 42,651,428         | Child Nutrition Warehouse                                           | 06/01/10          | 2,778,383          |
| 2011 Opening Middle (6)                                     | 08/01/10          | 42,509,271         | Assessment of Existing Facilities                                   | Various           | 1,675,374          |
| 2009 Opening Heritage High                                  | 08/01/09          | 56,129,055         | Technology Replacements                                             | Various           | 35,182,850         |
| 2010 Opening High (6)                                       | 06/01/10          | 72,255,556         | Educational Equipment Replacement                                   | Various           | 3,350,748          |
| Land Purchase                                               | Various           | 42,951,500         | Life-Cycle Furniture                                                | Various           | 1,256,530          |
| 9th Grade Centers                                           | Various           | 12,518,625         | Environmental and ADA                                               | Various           | 6,785,264          |
| Wendel Middle & East Cary Conversion                        | 08/01/07          | 822,760            | Start-Up for Design of Next Bond Projects                           | Various           | 22,459,842         |
| Mobile Classroom Relocation<br>& Leasing, 2007 thru 2009    | Various           | 16,935,553         | Program Contingency                                                 | N/A               | 20,003,312         |
| Offsite Improvements at New Schools                         | Various           | 8,971,162          | Program Management                                                  | N/A               | 22,669,394         |
| <b>SUBTOTAL</b>                                             |                   | <b>604,142,734</b> | Building Permits                                                    | N/A               | 1,363,803          |
|                                                             |                   |                    | Reserve                                                             | N/A               | 35,396,661         |
|                                                             |                   |                    | <b>SUBTOTAL</b>                                                     |                   | <b>451,732,103</b> |

\* As of May 1, 2007

## Operating Budget Impact

The school system estimates the cost of operating and staffing new facilities and includes these costs in the annual budget that it requests from the County. The local non-instructional operating costs (i.e., facility maintenance, housekeeping, and utilities) have recently been estimated to be \$3.00 per square foot and the cost per acre for new land is \$1,940. Included in operating impacts is the cost for converting existing elementary and middle schools to a year round multi-track calendar and opening new elementary and middle schools on such a calendar. Other personnel costs associated with increased enrollment are not calculated here since many of these costs occur whether or not new schools are built. The cumulative operating impact of CIP 2006 will require a 2.0 cents tax increase by 2012.

## Horizon Issues

With unprecedented enrollment growth, the demand for K-12 school construction will continue for the foreseeable future. CIP 2006 includes the acquisition of land for schools to be built in future building programs. Further discussion during Fall 2007 and Spring 2008 will focus on the timing of future bond referenda for K-12 school construction. WCPSS has previously identified a total K-12 facilities need of \$4.187 billion (including CIP 2006) through 2020.

Because of anticipated future school bond referenda, the Board of Commissioners and the Board of Education formed the Citizens' Facilities Advisory Committee in June 2006 and charged the committee with evaluating the WCPSS capital improvement program and evaluating school design criteria, construction management, and delivery methods. Initially the committee will review WCPSS' facility program. However, the work of the committee is

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long-term and also includes reviewing Wake County capital projects. The Board of Commissioners has identified the Citizens' Facilities Advisory Committee as one of their high-priority goals; the Board intends to "take an active role with the Citizens' Facilities Advisory Committee to evaluate cost-effective strategies for the school capital building program." The Citizens' Facilities Advisory Committee is scheduled to release recommendations regarding school construction and school facilities during the Summer 2008. These recommendations will be reviewed as part of the process in identifying future K-12 school facility needs.

## WAKE TECHNICAL COMMUNITY COLLEGE

### Element Summary: Wake Technical Community College

|                                 | FY 2008           | FY 2009           | FY 2010          | FY 2011          | FY 2012          | FY 2013          | FY 2014          | TOTAL             |
|---------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| 401 North Campus Buildings      | 11,710,000        | 9,890,000         | -                | -                | -                | -                | -                | 21,600,000        |
| Chapanoke Road Property         | 1,125,000         | -                 | -                | -                | -                | -                | -                | 1,125,000         |
| General Repairs and Renovations | 500,000           | 500,000           | 500,000          | 500,000          | 500,000          | 500,000          | 500,000          | 3,500,000         |
| Mechanical/Electrical Projects  | 1,500,000         | -                 | -                | -                | -                | -                | -                | 1,500,000         |
| Minor Capital                   | 1,000,000         | 1,000,000         | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 7,000,000         |
| <b>Total Uses</b>               | <b>15,835,000</b> | <b>11,390,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>34,725,000</b> |
| Bonds--Authorized               | 14,335,000        | 9,890,000         | -                | -                | -                | -                | -                | 24,225,000        |
| Cash                            | 1,500,000         | 1,500,000         | 1,500,000        | 1,500,000        | 1,500,000        | 1,500,000        | 1,500,000        | 10,500,000        |
| <b>Total Sources</b>            | <b>15,835,000</b> | <b>11,390,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>34,725,000</b> |
| <b>New Operating Impact</b>     | <b>2,054,696</b>  | <b>13,336</b>     | <b>175,336</b>   | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>2,243,368</b>  |

### Seven-Year CIP Summary

The FY 2008-2014 CIP includes \$34.7 million for improvements and expansion for Wake Technical Community College (Wake Tech). Approximately 78% of the funding will be used for land acquisition, construction, and other costs related to the College's North Wake Campus. Of the remaining funds, most are allocated for proposed renovation projects include renovating property on Chapanoke Road for a Public Safety Training Center and undertaking needed mechanical and engineering projects. Funding for a majority of projects comes from general obligation bonds, with some cash funding provided for general repairs and renovations and minor capital.

The Wake County Commissioners list an "educated citizenry" as the first of eight high priorities or issues to be of significant and immediate importance to the community. The projects included in the FY 2008 – FY 2014 CIP support this high priority area, as do projects planned for in future bond referendums.

### History / Background

On November 2, 2004, Wake County voters overwhelmingly approved a bond referendum for \$40 million in general obligation bonds for Wake Tech to finance acquisition, construction, installation and equipping of modifications, renovations, additions, improvements and extensions to existing facilities, and for one or more new buildings or other educational facilities for the college. Wake Tech developed a Plan of Record for the \$40 million, designed to meet facility needs for the College through fiscal year 2010, which was presented to and approved by the Board of Commissioners in March 2005.

NCGS §115D-32 requires the County to provide adequate funds to meet Wake Tech's needs for the following items:

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- Plant Fund – Acquisition of land; construction of buildings; alterations and additions to buildings; purchase of automobiles, buses, trucks and other motor vehicles; purchase or rental of all equipment necessary for the maintenance of buildings and grounds and operation of plants; and purchase of all furniture and equipment not provided for administrative and instructional purposes.
- Current Expense Fund
  - Plant operation and maintenance, to include salaries of plant maintenance staff, maintenance and replacement of all furniture and vehicles funded with local dollars.
  - Support services, to include costs of insurance for the facility, motor vehicles, workers' compensation for those employees paid with local dollars, tort claims awarded against the institution due to the negligence of institutional employees, costs of bonding employees against misuse of local dollars, and all legal fees incurred in connection with local administration and operation of the institution.

### **Operating Budget Impact**

Per NCGS §115D-32, the County is required to maintain buildings and grounds and operations of facilities; and purchase of all furniture and equipment not provided for administrative and instructional purposes. The new operating budget impacts shown in the element summary reflect the costs of operations and maintenance and one-time equipment costs at the Chapanoke Road property and the new North Campus site. These costs are anticipated to begin in FY 2008 when an additional 134,480 square feet open at the North Campus and an additional 18,000 square feet open at Chapanoke Road. An additional 74,900 square feet will open in January 2009 at the North Campus. Also included in the North Campus operating costs are funds associated with 13.5 FTEs that are not anticipated to receive state funding from the North Carolina Community College System.

### **Horizon Issues**

The Wake Technical Community College Board of Trustees adopted a ten-year master plan on December 22, 2006. The master plan covers the fiscal years 2008-2016 and identifies \$254,383,242 in capital projects in four major areas: repair, replacement, and renovations, new construction, parking and roadways, and land acquisition. The master plan is driven by enrollment growth in specific programs, particularly health sciences, vocational, and biopharmaceutical programs. The master plan also focuses on replacing or renovating obsolete facilities, particularly on the health sciences campus, and repairing structures and systems that have reached the end of their life cycle. In addition, the plan addresses two early college programs (one currently operating on the health sciences campus and one slated for the main campus targeting technology). The master plan is also derived from Wake Tech's philosophy to serve all areas of the County with full programs; thus funding is planned for land acquisition and construction of facilities in Western Wake County.

### **Fall 2007 Bond Referendum**

The Wake County Board of Commissioners identified nine high-priority goals for 2007. Of the high-priority goals, the first two have a direct impact on Wake Technical Community College. The first high-priority goal, to implement Blue Ribbon Committee recommendations, directly relates to funding of future Wake Tech capital projects. The Blue Ribbon Committee on the Future of Wake County recommended that the County should "continue to seek public support to issue general obligation bonds to support Wake Tech's capital needs." The Board of Commissioners' second high-priority goal was to initiate quality-of-life bond initiatives for Wake Tech, Libraries, and Open Space.

## **WAKE TECHNICAL COMMUNITY COLLEGE**

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Projects for FY 2008 – FY 2010 included in Wake Tech’s master plan, totaling \$114,150,617, are proposed to be funded in part or in whole by a general bond referendum scheduled for Fall 2007. If this bond referendum is approved by the voters, the following projects will be undertaken:

### Repair, Replacement, and Renovations: \$13,688,504

Repair, Replacement, and Renovation projects included in the proposed bond referendum include two re-roofing projects (Library Education and Mechanical Technology), HVAC replacement (Ready Hall/Mechanical Technology), mechanical and lighting renovations and other renovations at Pucher-LeMay Hall, repaving projects at the Main Campus, and two renovation projects (Student Services Building and Childcare Education - which will become a Physical Education Center Building).

### New Construction: \$73,652,089

Funds for new construction include the Phase 2 renovation of the Public Safety Center (Chapanoke Road), construction of a new 10,000 square foot classroom/laboratory building for the expansion of nursing, non-invasive diagnostics, and other healthcare programs, construction of a 65,000 square foot classroom building at Wake Tech’s North Campus, and funds for design for a classroom building on a future Western Wake Tech campus.

### Parking and Roads: \$14,944,367

Funds for parking and roads are designated for the construction of a 442-space parking deck at the Health Sciences Campus, for a 300-space parking lot at Wake Tech’s North Campus, and the extension of Fox Road at Wake Tech’s North Campus.

### Land Acquisition: \$11,865,656

Funds are allocated for the acquisition of 100 acres of land in western Wake County.

### Operating Budget Impact

The operating budget impact of the projects listed above is approximately \$1.3 million. The operating budget impact reflects costs for utilities, maintenance of plant, grounds maintenance, housekeeping, and security, at a cost of approximately \$5.66/sq foot. These projects will add approximately 221,300 square feet to the various Wake Tech campuses.

### **Future Referenda**

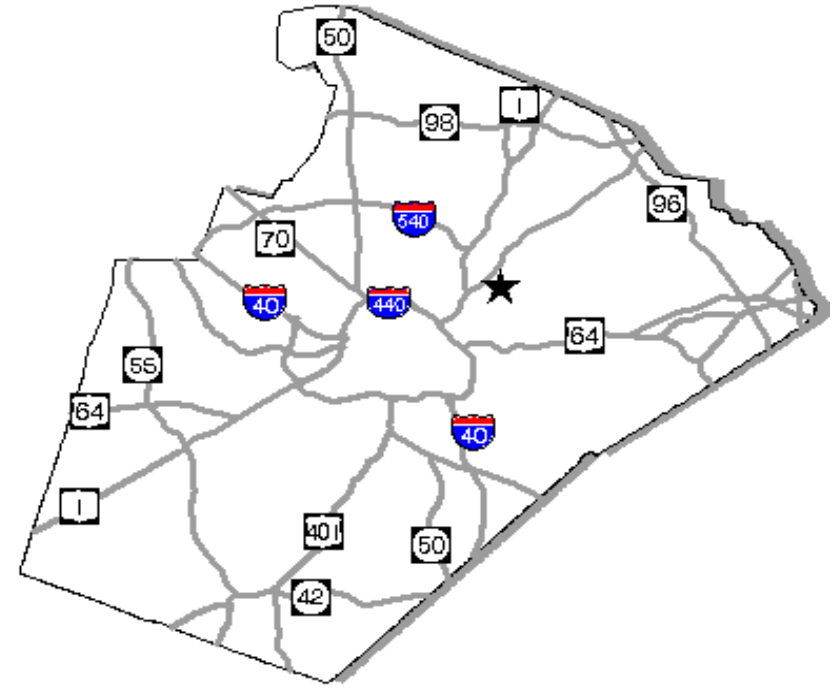
The remaining projects in Wake Tech’s master plan, planned for FY 2011-FY 2016, total \$140.2 million. These projects also focus on repair, replacement, and renovations, new construction, and parking and roads, with the vast majority of funds (\$119.8 million) designated for new construction at Wake Tech’s North Campus, Main Campus, Chapanoke Road (Public Safety Center), and the future Western Wake Campus. If bond funding is approved for this building program, approximately 345,500 square feet will be added to Wake Tech; the operating budget impact of these projects is approximately \$2.4 million.

# WAKE TECHNICAL COMMUNITY COLLEGE

## 401 North Campus

State demographics predict a 45% rise in Wake County's population by the year 2012. Currently, over 3000 students attend Wake Technical Community College from zip code areas in the northern part of the county. These students will fill the available spaces in the first two buildings due for completion and occupancy in 2007. An additional building to be completed in 2009 will have the space for additional programs in areas such as business and industry, continuing education and computer labs. These programs had only minimal space allocated in the first two buildings, as the requirements of a full college transfer curricula occupied the majority of the space.

This project will cover an estimated \$5,000,000 construction cost shortfall for the first two classroom buildings in Phase 1 on Wake Tech's North Campus. In addition, a third classroom building, yet to be designed, will house classrooms, computer labs, student services, expanded business programs, bookstore capability and faculty offices. Estimated at 75,000 gross square feet, it will require programming, design and construction. This building will tie into a new regional plant completed in Phase One.



★ Proposed Location

| <b>Project Summary: 401 North Campus</b> |                     |                   |                  |                  |                  |                  |                  |                  |                   |
|------------------------------------------|---------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Uses                                     | Prior Funding       | FY 2008           | FY 2009          | FY 2010          | FY 2011          | FY 2012          | FY 2013          | FY 2014          | Total 08-14       |
| Planning/Design                          | \$ 1,300,000        | 320,000           | 190,000          | -                | -                | -                | -                | -                | 510,000           |
| Construction                             | 4,600,000           | 10,070,000        | 8,800,000        | -                | -                | -                | -                | -                | 18,870,000        |
| Equipment/Furnishings                    | -                   | 500,000           | 500,000          | -                | -                | -                | -                | -                | 1,000,000         |
| Other                                    | 100,000             | 200,000           | 100,000          | -                | -                | -                | -                | -                | 300,000           |
| Contingency                              | 400,000             | 620,000           | 300,000          | -                | -                | -                | -                | -                | 920,000           |
| <b>Total Uses</b>                        | <b>\$ 6,400,000</b> | <b>11,710,000</b> | <b>9,890,000</b> | -                | -                | -                | -                | -                | <b>21,600,000</b> |
| <b>Funding Sources</b>                   |                     |                   |                  |                  |                  |                  |                  |                  |                   |
| <b>Bonds--Authorized</b>                 | <b>\$ 6,400,000</b> | <b>11,710,000</b> | <b>9,890,000</b> | -                | -                | -                | -                | -                | <b>21,600,000</b> |
| <b>New Operating Budget Impact</b>       |                     | <b>1,795,186</b>  | <b>27,336</b>    | <b>175,336</b>   | -                | -                | -                | -                | <b>1,997,858</b>  |
| <b>Total Operating Budget Impact</b>     |                     | <b>1,795,186</b>  | <b>1,822,522</b> | <b>1,997,858</b> | <b>1,997,858</b> | <b>1,997,858</b> | <b>1,997,858</b> | <b>1,997,858</b> |                   |

# WAKE TECHNICAL COMMUNITY COLLEGE

## Chapanoke Road Property

Wake Technical Community College purchased a 101,666 square foot building on 7.5 acres at 321 Chapanoke Road in Raleigh. The building is comprised of a three-story 35,000 square foot section constructed in 1994, and a one-story 66,666 square foot section built in 1988. The program for the Public Safety Training Center has been developed with staff and faculty of the College which will occupy a portion of the building. Future renovations call for classrooms, computer labs, and offices to house the Adult Education Center. The building will require complete plumbing, mechanical, electrical and fire alarm renovations.

The College's Public Safety program annually trains approximately 30,000 students/personnel in law enforcement, fire service, EMS/EMT, corrections, and occupational services such as certified nursing, hospitality, and Travel and Tourism. Currently this training occurs at 37 different locations throughout Wake County, such as the North Carolina State Highway Patrol training center, Wake County Sheriff's Training Facility at Mt. Auburn, and various police and fire departments. To bring all these training needs together would require a facility of approximately 35,000 square feet which would give a program of 14 classrooms, one conference room to accommodate 100 people, defensive tactics room, weight room, mock courtroom, mock jailer facilities, booking room with two 8 by 8 foot holding cells, computer labs, forensic lab, communication room, firearms storage room, and other spaces as required by NC Criminal Justice Training and Standards Division. Current funding allows for Phase One of a long range plan and will renovate approximately 16,000 square feet of space in the one story portion of the building.

Approximately 18,000 square feet of the Chapanoke Road facility will come online during FY 2008.

| <b>Project Summary: Chapanoke Road Property</b> |                      |                  |                 |                |                |                |                |                |                    |
|-------------------------------------------------|----------------------|------------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| <b>Uses</b>                                     | <b>Prior Funding</b> | <b>FY 2008</b>   | <b>FY 2009</b>  | <b>FY 2010</b> | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013</b> | <b>FY 2014</b> | <b>Total 08-14</b> |
| Planning/Design                                 | \$ 325,000           | 25,000           | -               | -              | -              | -              | -              | -              | 25,000             |
| Land Acquisition                                | 2,600,000            | -                | -               | -              | -              | -              | -              | -              | -                  |
| Construction                                    | 1,250,000            | 1,000,000        | -               | -              | -              | -              | -              | -              | 1,000,000          |
| Contingency                                     | 200,000              | 100,000          | -               | -              | -              | -              | -              | -              | 100,000            |
| <b>Total Uses</b>                               | <b>\$ 4,375,000</b>  | <b>1,125,000</b> | <b>-</b>        | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>1,125,000</b>   |
| <b>Funding Sources</b>                          |                      |                  |                 |                |                |                |                |                |                    |
| <b>Bonds--Authorized</b>                        | <b>\$ 4,375,000</b>  | <b>1,125,000</b> | <b>-</b>        | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>-</b>       | <b>1,125,000</b>   |
| <b>New Operating Budget Impact</b>              |                      | <b>259,510</b>   | <b>(14,000)</b> | <b>-</b>       | <b>-</b>       | <b>-</b>       |                |                | <b>245,510</b>     |
| <b>Total Operating Budget Impact</b>            |                      | <b>259,510</b>   | <b>245,510</b>  | <b>245,510</b> | <b>245,510</b> | <b>245,510</b> | <b>245,510</b> | <b>245,510</b> |                    |

# WAKE TECHNICAL COMMUNITY COLLEGE

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## General Repairs and Renovations

Wake Technical Community College has identified specific projects categorized as general repairs and renovations. These projects include HVAC retrofits, lighting retrofits, ADA compliance projects, and various other life cycle replacements.

| <b>Project Summary: General Repairs and Renovations</b> |                      |                |                |                |                |                |                |                |                    |
|---------------------------------------------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| <b>Uses</b>                                             | <b>Prior Funding</b> | <b>FY 2008</b> | <b>FY 2009</b> | <b>FY 2010</b> | <b>FY 2011</b> | <b>FY 2012</b> | <b>FY 2013</b> | <b>FY 2014</b> | <b>Total 08-14</b> |
| Planning/Design                                         | \$ 35,000            |                | -              | -              | -              | -              | -              | -              | -                  |
| Construction                                            | 315,000              |                | -              | -              | -              | -              | -              | -              | -                  |
| General Repairs and Renovations                         | 750,000              | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | <b>3,500,000</b>   |
| <b>Total Uses</b>                                       | <b>\$ 1,100,000</b>  | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>3,500,000</b>   |
| <b>Funding Sources</b>                                  |                      |                |                |                |                |                |                |                |                    |
| Cash                                                    | 750,000              | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | <b>3,500,000</b>   |
| Bonds--Authorized                                       | 125,000              | -              | -              | -              | -              | -              | -              | -              | -                  |
| <b>Total Sources</b>                                    | <b>\$ 875,000</b>    | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>3,500,000</b>   |
| <b>New Operating Budget Impact</b>                      |                      | -              | -              | -              | -              | -              | -              | -              | -                  |
| <b>Total Operating Budget Impact</b>                    |                      | -              | -              | -              | -              | -              | -              | -              | -                  |

# WAKE TECHNICAL COMMUNITY COLLEGE

## Mechanical, Electrical and Plumbing Projects

This project will repair or replace multiple chillers and HVAC systems. All systems have exceeded their life expectancy and are not energy efficient.

### Mechanical Technology Facility/Ready Hall HVAC Study & Replacement

The existing Carrier condensing units at Mechanical Technology, with a total capacity of 72 tons, have been in service 17 years. This facility does not have a redundant cooling source. The Air Conditioning equipment serving Ready Hall totals 85 tons, and was installed in 1978. That equipment has been in service for 26 years, exceeding the manufacturer's operational life expectancy of 10 – 15 years.

### Holding Hall HVAC Renovation

Holding Hall was constructed in 1963. Four dual duct air conditioning and heating systems serve the building. The building has two hot water boilers. The mechanical equipment has exceeded its normal life expectancy and is not energy efficient. Replacement of the boilers is recommended with new high energy gas burners and the existing condensing units will be replaced with a chilled water system. Construction for this project has been moved forward to 2008 when flex space becomes available on the main campus with the move to the northern campus. Phasing the project instead of renovating occupied spaces will save approximately 30% on the construction cost. Design has been completed on this project; FY08 funds will fund construction.

### Medical Office Building at 100 Sunnybrook Road

This building is 14,000 square feet on 1.6 acres of at the Health Science Campus. The building is served with a number of DX units with a total capacity of 140 tons. The manufacturer's life expectancy for these units is 10-15 years, but many of the units have been in service for over 20 years.

| <b>Project Summary: Mechanical, Electrical and Plumbing Projects</b> |                   |                  |          |          |          |          |          |          |                  |
|----------------------------------------------------------------------|-------------------|------------------|----------|----------|----------|----------|----------|----------|------------------|
| Uses                                                                 | Prior Funding     | FY 2008          | FY 2009  | FY 2010  | FY 2011  | FY 2012  | FY 2013  | FY 2014  | Total 08-14      |
| Planning/Design                                                      | \$ 215,000        | 10,000           | -        | -        | -        | -        | -        | -        | 10,000           |
| Construction                                                         | 556,000           | 1,460,000        | -        | -        | -        | -        | -        | -        | 1,460,000        |
| Contingency                                                          | 74,000            | 30,000           | -        | -        | -        | -        | -        | -        | 30,000           |
| <b>Total Uses</b>                                                    | <b>\$ 845,000</b> | <b>1,500,000</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>1,500,000</b> |
| <b>Funding Sources</b>                                               |                   |                  |          |          |          |          |          |          |                  |
| <b>Bonds--Authorized</b>                                             | <b>\$ 845,000</b> | <b>1,500,000</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>1,500,000</b> |
| <b>New Operating Budget Impact</b>                                   |                   | -                | -        | -        | -        | -        | -        | -        | -                |
| <b>Total Operating Budget Impact</b>                                 |                   | -                | -        | -        | -        | -        | -        | -        | -                |

# WAKE TECHNICAL COMMUNITY COLLEGE

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## Minor Capital

Wake Technical Community College has identified specific equipment needs that are caterorized as minor capital in the FY 2008 - FY 2014 CIP. For F 2008, funds are designated for equipment and other outfitting needs at the North Campus and Chapanoke Road. The CIP also funds increased security the North Campus, Public Safety Center, and Main Campus; dollars are allocated for additional security equipment, security cameras, blue light phones, and security dispatch equipment. Other minor capital needs, such as network infrastructure and miscellaneous equipment, are also funded under the min capital category.

### Project Summary: General Repairs and Renovations

| Uses          | Prior Funding | FY 2008   | FY 2009   | FY 2010   | FY 2011   | FY 2012   | FY 2013   | FY 2014   | Total 08-14 |
|---------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Minor Capital | \$ -          | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 7,000,000   |

### Funding Sources

|      |      |           |           |           |           |           |           |           |           |
|------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Cash | \$ - | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 7,000,000 |
|------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

|                               |   |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|---|
| New Operating Budget Impact   | - | - | - | - | - | - | - | - | - |
| Total Operating Budget Impact | - | - | - | - | - | - | - | - | - |