

Allocations from the 2009 Reserve  
For Repairs and Renovations  
Non-University Projects

Consultation with the Joint Legislative Commission  
On Governmental Operations

Office of State Budget and Management

November 17-18, 2009

# **Allocations from the 2009 Reserve for Repairs and Renovations Non-University Projects**

## **EXECUTIVE SUMMARY November 17-18, 2009**

The General Assembly in Session Law 2009-209 (HB 1508) authorized up to \$50 million in Bonds or Special Indebtedness to finance the capital facility costs of repairing and renovating State facilities and related infrastructure. Section 27.5.(a) of the Appropriations Act of 2009 (S 202) allocates 50% to the UNC Board of Governors (BOG) and 50% to the Office of State Budget and Management (OSBM). The BOG and OSBM must consult with the Joint Legislative Commission on Governmental Operations prior to the final allocation of these funds. State agencies were instructed to submit a prioritized list of R&R project needs by September 18, 2009. Requests totaling \$127.2 million for 220 projects were received.

The Appropriations Act of 2009 also authorized up to \$12 million of the American Recovery Act of 2009 funds appropriated for the State Energy Program to finance the capital facility costs of Energy Efficiency Upgrades to State facilities. Implementation requires modification of North Carolina's State Energy Program and approval by the U. S. Department of Energy. Because of delays with DOE's approval, this program has not been included in this report. Proposed allocations will be presented at the next meeting.

Budget shortfalls for 2008-09 and projected shortfalls for 2009-10 have required capital budget reductions and reversions.

1. The 2008-09 Repair and Renovation Reserve of \$69,839, 238 (\$37,713,189 State agencies, \$32,126,049 universities) was withheld.
2. Capital appropriations for 2008-09 were reduced from \$129,082,062 to \$23,020,930; reductions of \$18,948,306 for State agencies and \$87,112,826 for universities.
3. In June, 2009, the Office of State Budget and Management (OSBM) reverted \$40,000,000 (\$26,838,557 State agencies. \$13,161,443 universities) from prior years capital projects with unencumbered balances.
4. Section 27.11.(a) of the Appropriations Act of 2009 requires that unencumbered cash balances remaining in a list of capital funds be transferred to the General Fund. The list totals \$21.9 million. A total of \$19.7 million has been reverted.

OSBM employed a multi-step process to select FY 2009-10 non-university repair and renovation projects.

1. The agencies submitted prioritized lists of repair and renovation projects, approved cost estimates using the State Construction Office's OC-25 Form, and OSBM's R&R Request Worksheets.
2. OSBM met with the agencies to review their requests in detail to better understand the scope, feasibility and priority of requested projects.
3. OSBM utilized a funding model to establish a baseline for the approximate repair and renovation allocation for each agency. Allocations to restore cash balances for projects that had been reverted and budget reductions were also taken into consideration.

Using the baseline funding allocations and project specific information, OSBM consulted with SCO and made final selections of repair and renovation projects based on the statutory requirements of (G.S. 143C-4-3.). Funds may be used only for the following types of project.

1. Roof repairs and replacements
2. Structural repairs
3. Repairs and renovations to meet federal and State standards

4. Repairs to electrical, plumbing, and heating, ventilating, and air-conditioning systems
5. Improvements to meet the requirements of the Americans with Disabilities Act, 42 U.S.C. § 12101 et seq., as amended
6. Improvements to meet fire safety codes
7. Improvements to existing facilities for energy efficiency
8. Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks
9. Improvements and renovations to improve use of existing space
10. Historical restoration
11. Improvements to roads, walks, drives, utilities infrastructure
12. Drainage and landscape improvements

Funds may not be used for new construction or for the expansion of the building area of an existing facility unless required for compliance with Federal or State codes or standards. Advance planning, master planning, studies, or reserves are not eligible. Design contracts shall begin within one year and construction shall begin within two years of allocation. In order to maintain the tax-exempt status of the bonds, private use of the facilities is greatly restricted.

Sixty-seven projects totaling \$25,000,000 are recommended for allocation from the 2009-10 Repair and Renovations Reserve.

#### **Allocation to each Agency/Department**

<b>Department</b>	<b>Amount</b>	<b>%</b>
Administration	\$ 4,605,670	18.4%
Crime Control & Public Safety	889,000	3.6%
NC Ports Authority	492,573	2.0%
Correction	4,039,000	16.2%
Cultural Resources	3,375,000	13.5%
Justice	992,006	4.0%
Environment & Natural Resources	2,315,900	9.3%
Agriculture & Consumer Services	1,110,111	4.4%
Commerce	350,400	1.4%
Health & Human Services	5,731,200	22.9%
Juvenile Justice and Delinquency Prevention	995,140	4.0%
NC Center for the Advancement of Teaching	104,000	0.4%

R&R Bonds Total    **\$ 25,000,000**

The following report outlines the Office of State Budget and Management's allocations to each agency and the selected projects that will address critical repair and renovation needs. This report is submitted for consultation with the Joint Legislative Commission on Governmental Operations.

# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

### Administration

<b>SHP-Bldg. 2,3: Fire Alarm System Bldg. 2: Fire Suppression Sys. In Computer Rooms</b>	196,400
<p>This project scope involves replacement of the fire alarm system in Building 3 (dormitory) and Building 2 (Technical Services Unit). These outdated fire alarm systems are increasingly difficult to maintain and repair when failures occur. When systems are down, the State Highway Patrol has to perform 24-hour fire watch. Building 2 has two computer rooms that house equipment supporting troopers across the state. Installation of a fire suppression system would provide better protection for this critical equipment.</p>	
<b>SHP-Bldg 7 Replacement of HVAC Units</b>	86,625
<p>This project involves replacing five air handling units in Building 7 at the State Highway Patrol Garner Road Complex.</p>	
<b>Roof Repairs -- DOA Buildings Shore Annex, Bath Bldg, Andrews London House</b>	199,400
<p>This project involves roof repairs to the Bath, Shore, New Education, Andrews London, Hawkings Hartness, and Brown Rogers Buildings. The leaking roofs are causing damage to these buildings.</p>	
<b>Caswell Square -- Replace Steam Station &amp; Demolish Old Heating Plant</b>	578,400
<p>This project involves replacing an aging steam station that supplies steam to all buildings on Caswell Square. The steam station is a fire hazard and injury risk to workers maintaining the equipment. The project would install a new below grade vault to house a new steam station for Caswell Square and demolish the vacant building housing the existing steam station.</p>	
<b>Steam Repairs - Archives &amp; History, Bath, and Archdale</b>	154,300
<p>This project involves the replacement of failing steam stations at the Archives &amp; History, Bath, and Archdale buildings. The scope of work also includes replacement of failed steam valves at the Bath building and repairs to insulation on steam distribution piping.</p>	
<b>HVAC Repairs - Archdale, Administration, Albemarle Buildings</b>	94,500
<p>This project includes the replacement of an AC unit in the Archdale Elevator Machine Room; installation of chilled water isolation valves in the Administration and Albemarle Buildings; and replacement air compressor, steam valves, and steam valve controls in the Administration Building.</p>	
<b>Steam Plant -- Repairs</b>	1,233,245
<p>The existing emergency repair work at the Main Steam Plant has identified additional problems with other existing boilers that should be addressed to avoid the unplanned failure of these units. The project also replaces the burners and upgrades the controls resulting in significant energy savings. An engineer's study indicates a payback of 3 years on the burner and controls cost.</p>	
<b>Chiller Plant #1 -- Replace Pumps, Controls, Replace Air Compressor</b>	245,000
<p>This project will replace pumps, controls, and air compressors at the Main Chiller Plant. These components are very old, at risk of failure, and no longer cost effective to maintain.</p>	
<b>Bicentennial Mall -- Replace Existing Surface Concrete and Pavers Phase I</b>	42,000
<p>The surface concrete and pavers along Bicentennial Mall are in poor condition and in some areas pose a tripping hazard. This work is to correct the worst tripping hazards and deteriorated paving. Due to the overall poor condition, future phases will be needed to resurface the entire mall.</p>	
<b>Waterproofing Buildings - New Revenue &amp; Museum of History</b>	150,000
<p>This project corrects several existing water intrusion problems at the New Revenue building and the Museum of History.</p>	
<b>Old Health Building -- Replace HVAC System</b>	1,085,800
<p>The existing HVAC system for the Old Health Building is at a high risk of failure. A new HVAC system has been designed by the Department of Agriculture. The new system will be an air-cooled system that will not require a replacement of the failing cooling tower.</p>	

# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

### History Museum -- Door Repairs & Security System

540,000

The Museum of History's doors were designed to open automatically in the event of a fire and serve as part of the smoke evacuation system. The magnetic system controlling the doors no longer functions. This project will repair the doors so they work properly.

Project will also overhaul the existing Museum of History security system to digital cameras with I-3 DVR compatibility, new digital data cabling, PIR motion devices, new door sensors, new elevator control panels, and new card readers. The system will be capable of alerting Capital Police and Museum Security Staff of alarm events immediately.

**Administration Total \$ 4,605,670**

## Crime Control & Public Safety

### Roof Replacement - Murphy Armory

196,000

The existing roof is 21 years old and the frequency and leaks has been increasing. The roof has reached end of service life and needs to be replaced. The scope of work will include demolition, asbestos abatement, and construction of a new roof.

### Roof Replacement - Tarboro Armory

171,000

The existing roof is 20 years old and the frequency and leaks has been increasing, with significant repairs made in November 2007. The roof has reached end of service life and needs to be replaced. The scope of work will include demolition, asbestos abatement, and construction of a new roof.

### Upgrade Fuel Dispensing Facilities

357,000

In 2007, the EPA issued a major change in the way underground fuel storage tanks (UST) should be protected. The SHP's 66 fuel dispensing facilities were affected by this ruling. With each new NCDENR tank inspection, the SHP receives a Notice of Violation (NOV) and must upgrade to the new 2007 standards or be faced with the possibility of closure and/or civil fines at that site. The SHP provides the monthly maintenance, the repair or replacement of equipment as needed to keep the fuel facilities operating 24/7 as they are mission critical to the operation of the State Highway Patrol. This would be considered a renovation project to upgrade the remaining fuel facilities throughout the state.

### Boiler & Hot Water Heater Replacements - Statewide

165,000

This project will replace existing large single state hot water boilers at 3 armories (Smithfield, Fremont and Durham). The projects include asbestos abatement; demolition and disposal of existing equipment; and installation of multiple, staged small boilers, phased and controlled to fire based on heat demand.

**Crime Control & Public Safety Total \$ 889,000**

## NC Ports Authority

### Radio Island T-Head Electrical Upgrades

129,873

This project will upgrade the electrical system on the Radio Island T-Head Dock. The existing electrical system has severely deteriorated. The electrical system will be replaced, along with installing additional light poles to improve night time operations.

### Berth 1 Sinkhole Repairs

152,041

This project will make the necessary repairs to a portion of the storm water piping system at the Port of Wilmington. A section of the underground storm water pipe system at Berth 1 has failed and created a sinkhole in the asphalt pavement above the pipe. This situation is a safety hazard to ports operations and must be repaired.

### South Container Yard Storm water Pipe Repairs

125,803

This project will repair a portion of the storm water piping system at the Port of Wilmington. Routine sampling detected gasoline constituents in the storm drainage lines. The outfall of these storm drainage lines flows directly into the Cape Fear River. These gasoline constituents originated from leaking storage tanks belonging to the adjacent property owner. This project will complete the necessary repairs to the storm drainage lines in order to prevent the inflow of contaminated groundwater into the pipe.

# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

### Electrical Switchgear Replacement

84,856

This project will retrofit the main electrical switchgear South Container yard at the Port of Wilmington. This switchgear was originally placed in service in the 1980's. This retrofit project will replace the existing fused (current limiting) switchgear with an up to date circuit breaker (current interrupting) switchgear. The existing switchgear is a potential safety hazard and is not energy efficient.

**NC Ports Authority Total \$ 492,573**

## Correction

### Phase II of Complex Renovation for Conversion to a DOC Adult Female Facility

3,309,000

This project is for Phase II construction cost of conversion of Swannanoa from juvenile to adult female population. Upgrades to cottages and cafeteria, paving, utility upgrades, and code compliance upgrades are included. The scope also includes distribution, lighting, security systems, telecommunications, fire alarm and grounding within the new building and connection to existing systems.

### Kitchen Hood Suppression Systems Upgrade

430,000

This project will upgrade, repair and/or replace Kitchen Hood Systems to meet code requirements. Units require new hoods, exhaust fans, fuel shut-offs and tie-in to fire alarm systems.

### Central Prison Elevator Repairs

300,000

This project will update and repair the over 25-years old elevators at Central Prison to meet current codes. The elevators are used to transport inmates and their failure presents serious security issues.

**Correction Total \$ 4,039,000**

## Cultural Resources

### Museum of History Chronological Exhibit

2,600,000

In FY 2008-09, the General Assembly authorized \$2.6 million from Repair and Renovation funds to supplement the Chronology Exhibit project. These funds were reverted as a result of the budget crisis. This request restores those funds. This project involves renovating the museum and constructing an exhibit that depicts pre-history through the 1960s.

### CHB- Massachusetts Cottage Renovation

651,000

This project will renovate the Massachusetts Women Cottage located on the Charlotte Hawkins Brown Memorial Historic Site in Sedalia. The existing abandoned instructional building will be used as an historic period museum with interpretive exhibits. Work will include extensive interior and exterior repairs, alarms, sprinklers, and will address ADA access and parking.

### Historic Halifax- Burgess House Renovation

124,000

This project consists of structural repairs to flooring supports and members, stair treads and stringers, and to correct site drainage and crawl space moisture problems in and around the 18th Century Burgess house.

**Cultural Resources Total \$ 3,375,000**

## Justice

### Western Justice Academy Boiler System

204,000

This project will install a new gas fired water heater, properly sized return lines, and appropriate piping needs. The existing system is undersized and lacks adequate return lines to properly circulate hot water, resulting in inadequate service for guest demands in our dormitory.

### Administration Annex Renovation - Eastern Justice Academy

788,006

This project will address numerous life safety and ADA issues in this 1970's block structure making improvements with new electrical, mechanical, plumbing, and fire alarm systems.

**Justice Total \$ 992,006**

# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

### Environment & Natural Resources

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#### Forestry Museum Renovation

1,643,000

This project involves complete renovation of the building to correct structural problems and eliminate mold problems that have been noted by the Department of Insurance as a safety concern. The design phase for this project is complete and plans have been approved by the Department of State Construction.

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#### Roof & Dome Repair

122,700

The Museum of Natural Sciences has several roof leaks in different areas including the dome section of the roof. Facility Services attempted to repair the roof and was unsuccessful. The design phase of this project was completed with previous R&R funds.

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#### Replacement of AHU-1 at Roanoke Island Aquarium Phase II

400,000

This request is for the replacement of a 30+ year old HVAC air handler, associated duct and vent system, and replacement of pneumatic controls with digital controllers. This project will result in operational savings from reduced maintenance and energy costs.

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#### Greenhouse Energy Upgrade

150,200

The Zoo's greenhouse glazing is reaching the life of the glass. This project is to replace the existing glass with 8 mm twin wall polycarbonate, replace the existing exhaust fans and vents with more energy efficient units, and to install an interior aluminized shade system including motor drive system. These improvements are projected to result in approximately 60% reduction in LP Gas consumption and reduced energy and water consumption.

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**Environment & Natural Resources Total \$ 2,315,900**

### Agriculture & Consumer Services

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#### Davis Arena Renovations

684,539

This project will add HVAC systems to the existing Davis arena. These funds are needed to replace the funds that were reduced in HB 1508.

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#### Roof Coating for Constable Laboratory

29,776

This project includes 17,000 sq. ft. of seal coating and 600 ft. of linear caulking on the Constable Laboratory roof to stop leaks that are occurring in the Pesticide Residue and Microbiology Lab.

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#### Raleigh Farmers Market Administration Building Roof

139,265

This project is to replace the roof at the Raleigh Farmers Market Administration Building. Water has been penetrating the building causing further damage.

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#### Roof Coating - Motor Fuels Lab

34,650

The project involves resealing of the roof coating to maintain a watertight roof and the removal of 10 existing skylights and replacing them with metal roof panels.

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#### Veterinary Laboratory System Miscellaneous Critical Repairs

99,960

This project is to make miscellaneous repairs for animal disease diagnostic laboratories as per American Association of Veterinary Laboratory Diagnosticians (AAVLD) essential requirements.

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#### Security System for Ballentine Building

61,717

This project will include the installation of HIRSCH access controls on 6 outer doors plus 5 hallway doors within the laboratory and associated software and data base. The project will also include an external security monitoring system via installation of video surveillance equipment at the Ballentine Building.

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#### Peanut Belt Research Station

60,204

This project includes repairs that are necessary in order to prevent leaks and further structural damage to two buildings at the Peanut Belt Research Station that were damaged in a severe storm.

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# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

Agriculture & Consumer Services Total \$ 1,110,111

### Commerce

#### Fire Protection Improvements

103,000

This project will extend existing water main along the waterfront and allow hydrants to be added to allow for proper fire suppression to the docks and boats in the Wanchese Seafood Industrial Park harbor. This project includes the extension of 2,825 linear feet of 6" water main lines, the installation of thirteen 6" valves, and the installation of seven 6" new fire hydrants along the waterfront of the Wanchese Seafood Industrial Park.

#### WWTP Renovations/Improvements (Supplement)

95,700

This supplemental request covers the additional costs of replacing the generator to service the central sewer package plant in the Wanchese Seafood Industrial Park.

#### Industrial Door Improvements/Repairs

20,400

This project will allow for the repair and/or replacement of certain industrial doors in the state-owned building on Lot 28b of the Wanchese Seafood Industrial Park. The current doors are not tall enough. This funding will allow for one door to be replaced and two others to be relocated to another section of the building where they can be used.

#### WWTP Renovations/Improvements (Supplement)

9,400

This supplemental request covers the additional costs of replacing the lights in the wastewater treatment building. Newer, more energy efficient lights will be used to replace the original older ones installed in 1981.

#### WWTP Renovations/Improvements (Supplement)

121,900

This project will allow (1) a wall to be installed to segregate the wastewater treatment package system from the rest of the building and shop area, and (2) a section of the building to be renovated and converted into a maintenance shop, equipment storage, and operating records storage area for Park maintenance staff.

Commerce Total \$ 350,400

### Health & Human Services

#### Vocational Enterprise HVAC Replacement-Murdoch Center

1,265,000

The project includes upgrades to the building HVAC system in order to alleviate deficiencies due to the aging of the building. The project also consists of moving the Cold Storage (central freezer storage for Main Kitchen) from its location off campus to be attached to the Warehouse. The new freezer will be 30'x25' in size. This project is already under design and these funds are for the construction, replacing funds that were reverted in 2009.

#### Pharmacy Upgrades-J. Iverson Riddle

155,400

The project is to relocate pharmacy from its current location in Willow Cottage into the Professional Services Building in order for Willow to be renovated and used for other resident care program space. Existing computer server room will remain in this building. This project also includes adding handicapped toilet rooms and an exterior handicapped accessible ramp.

#### CMS Required Rosewood Sprinkler Installation-J. Iverson Riddle

325,000

The project at the Rosewood school includes the installation of an automatic fire sprinkler system throughout the entire building. Also included is the addition of two (2) bathroom groups. This is to meet the CMS requirements of the building classified as "New Healthcare Occupancy" according to the requirements of NFPA-101 2006.



# 2009-10 Repair and Renovation Reserve

## Recommended Project List

## Allocation

### Roof Replacement - Administration/Dorm 6-Julian F. Keith, ADATC

138,000

This project will replace the existing membrane roof that is in poor shape and nearing the end of its expected life on the Administration building and dorm 6. Part of the new roof system will be to increase the insulation thickness resulting in more energy efficiency.

### Renovate U2-1 East for Admissions Office-Cherry Hospital

207,600

This project includes renovations of approx.4000 SF to be used for a new Admissions Office. This project will provide a safer and more efficient space for admitting patients and for staff. Project also includes adding an aluminum entrance canopy, 7 paved parking spaces and an approx 110' aluminum covered walkway and concrete sidewalk.

### Renovate U2 Nurse Stations-Cherry Hospital

180,500

This project includes renovations of four (4) Nurse Stations totaling approx. 3600 SF (900 ea.). This project will provide a safer and more efficient space for serving patients, provide better safety for staff, and patient information protection.

### Replace 600 Ton Cooling Tower-Longleaf Center

195,400

The project includes replacement of 16 year old, 600 ton cooling tower with new cooling tower. The project includes some amount of pipe replacement as well as providing for a cross connection between this cooling tower and the adjacent 400 ton cooling tower to allow for emergency connection between chillers.

### Cooling Tower Replacement at Therapeutic East & West-O'Berry

286,000

This project is to replace the four forced draft galvanized steel cooling towers that serve six different buildings are experiencing significant corrosion and leaks at the O'Berry Center.

### Main Building Kitchen Sewer Line Upgrades-Western School/Deaf

185,000

The project work will involve replacing an estimated 400' of 4" sanitary waste piping located below the floor of the Main Kitchen, installation of a grease interceptor, and replacement of 30' of vertical piping dropping from the Auditorium above.

### Food Service Refrigeration Equipment Replacement-Broughton

168,100

This project is to replace all Food Service cold storage equipment. The manufacture of CFC refrigerants (R-12 and R-502) ceased in December 1995 and system leaks and equipment failures are becoming increasing more frequent. The equipment is obsolete and is no longer being manufactured.

### Lineberry Chiller Replacement-Gov Morehead School

307,300

This project involves the replacement of two existing air cooled chillers and pumps. The chillers are reciprocating water chillers and the compressors are no longer reliable. Work includes removing existing chillers with new air cooled chillers.

### McBryde West Fire Alarm System Replacement-Dix Campus

204,600

This project involves replacing the existing ADT fire alarm panel in McBryde West B which is obsolete and it is very difficult to find replacement parts. This panel covers McBryde West A First and Second Floor (approximately 15,000 SF) and McBryde West C First and Second Floor (24,592 SF).

### Roof Replacement Caswell (Central Warehouse & Indoor Pool)

225,000

This project consists of replacing the existing roofs on the Central Warehouse, Central Hospital and Indoor Pool due to them leaking or at the end of their useful life.

### Roofing Upgrades to Main Kitchen, Royall Cottage & Administration

299,100

Project consists of roofing, flashing and related waterproofing systems repairs needed to protect building from deterioration and safe environment for occupants. Project includes multiple buildings on the Murdoch Campus, including the Royall Cottage, Administration and Main Kitchen Buildings.

# 2009-10 Repair and Renovation Reserve

## Recommended Project List

Allocation

### Reroof Sheltered Workshop & Workshop Addition-J. Iverson Riddle

235,500

This project is to reroof the sheltered workshop and workshop addition. A modified Bitumen roof system including a white granulated cap sheet is planned for this project. The project will also add insulation for increased efficiency and replace worn out single dome skylights with new double dome insulating skylights.

### Infirmary Building Reroof-Western School for the Deaf

151,500

This project is for the repair of the Infirmary Building roof. The roof is the original sloped slate roof and has received little maintenance in over 90 years.

### UST Removal-Central Administration

111,300

Remove five (5) existing underground fuel oil storage tanks. Three (3) are at the Western NC School for the Deaf and two (2) are at J. Iverson Riddle Developmental Center. Project includes the removal of the tanks, filling of the hole and reseeding/repaving as needed.

### Reroof Spruill Building (Behind Admin.)-Longleaf Center

44,600

Install approximately 7,020 square foot roof over the existing roof system which is 55 years old and in poor condition and leaks often. Installation of roof would include a new liquid applied elastomeric roof membrane and new flashing.

### Kitchen & Dining Building System Upgrades-Walter B Jones

745,800

The project involves the upgrading of the kitchen by replacing the existing equipment with new equipment to accommodate the current needs of the facility. The project scope will also include new ceilings, upgrading the toilet room to meet ADA standards, painting, new air handler and boiler, fire alarm system, generator and new grease interceptor.

### Moran HVAC Upgrades - Phase II-Broughton

300,500

This project consists of completing the HVAC upgrades to the south end of the building which will be used for the Broughton Police department. Upgrades include removing the existing steam radiators and installing air handlers to serve the first and second floor and provide heat and air conditioning. Minor wall demolition and other upgrades will take place to create a conference/training room on each floor by taking two rooms and making it one.

**Health & Human Services Total \$ 5,731,200**

## Juvenile Justice and Delinquency Prevention

### Septic System Upgrade

422,000

This project is for design and construction of a private force main to provide sanitary service from the Juvenile Detention Center to the existing New Hanover County gravity sewer system.

### Renovation of Buncombe Detention Center

573,140

This project will make major overall repairs and renovations to the Buncombe Detention facility. Repairs will be made to doors, floors, security measures, HVAC system, fencing, and laundry area. Total project cost \$1,478,700; balance of funding from prior years R&R Reserve.

**Juvenile Justice and Delinquency Prevention Total \$ 995,140**

## NC Center for the Advancement of Teaching

### Emergency Generator

104,000

Emergency generator at the Ocracoke Campus is fully exposed to the harsh coastal environments. The enclosure will provide much needed protection and prolong the life of the generator. Emergency generator is vital to the operation of the center during the frequent power outages that occur.

**NC Center for the Advancement of Teaching Total \$ 104,000**

**2009-10 Repair and Renovation Reserve**  
**Recommended Project List**

	Allocation
GRAND TOTAL \$	25,000,000
Availability \$	25,000,000
Balance \$	0