

**REQUEST FOR BOARD ACTION**

**HENDERSON COUNTY  
BOARD OF COMMISSIONERS**

**MEETING DATE:** August 20, 2014

**SUBJECT:** Quarterly Project Update

**PRESENTER:** Marcus Jones, PE

**ATTACHMENTS:** Yes,  
1. Project Management Update  
2. Project Upgrade Presentation

**SUMMARY OF REQUEST:**

The attached Project Management Update and presentation provides an update to the Board on the County's current and future projects as of August 2014.

**BOARD ACTION REQUESTED:**

No Board action is requested. This item is for informational purposes only.

**Suggested Motion:**  
*No motion suggested.*

# HENDERSON COUNTY PROJECT UPDATE

AUGUST 20, 2014

# OVERVIEW

- ATKINSON SEWER (CITY OF HENDERSONVILLE)
- SNOWBALL LIFT STATION RELOCATION
- FLETCHER WAREHOUSE SEWER EXTENSION
- PSAP RELOCATION (911 CENTER)
- ARTIFICIAL TURF FIELD (ATHLETIC AND ACTIVITY CENTER)
- JOINT MEDICAL EDUCATION FACILITY (WINGATE)

# ATKINSON SEWER

## SCOPE:

PROVIDE SEWER SERVICE TO ATKINSON ELEMENTARY WITH 10,000 OF LINEAR FEET OF 8" THROUGH 12" SEWER. THE PROJECT WILL ELIMINATE 3 OF THE CITY'S LIFT STATIONS.

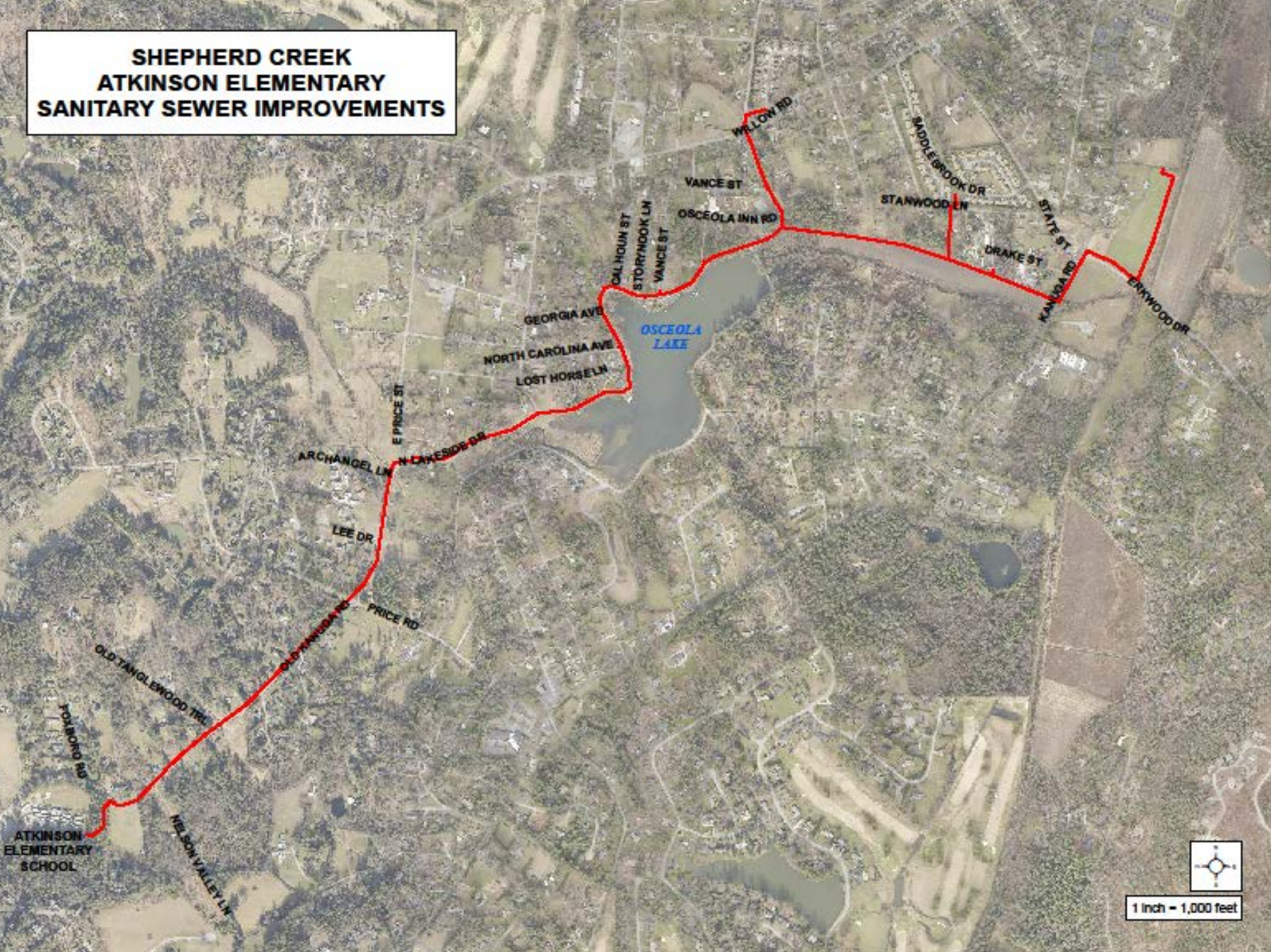
## BUDGET:

TOTAL PROJECT COST APPROXIMATELY \$1,800,000 WITH A \$600,000 CONTRIBUTION FROM HENDERSON COUNTY FOR THE LIFT STATION AND FORCE MAIN SERVICING ATKINSON.

## STATUS:

CONSTRUCTION UNDERWAY WITH COMPLETION LIKELY BY THE 2015-2016 SCHOOL YEAR

**SHEPHERD CREEK  
ATKINSON ELEMENTARY  
SANITARY SEWER IMPROVEMENTS**



ATKINSON  
ELEMENTARY  
SCHOOL



1 inch = 1,000 feet





ROAD  
CLOSED









NATIONAL  
FENCE & SECURITY  
800-358-5818

# SNOWBALL LIFT STATION RELOCATION

## SCOPE:

RELOCATE SNOWBALL LIFT STATION FROM THE FLOODPLAIN ONTO NEW LOCATION WITHIN QUARRY PROPERTY OUTSIDE OF THE FLOODPLAIN. ORIGINAL SCOPE WAS TO REPLACE STATION WITH A GRAVITY LINE BUT CHANGES IN QUARRY OPERATIONS DURING GRANT APPLICATION PROCESS MADE THIS PROHIBITIVE.

## BUDGET:

\$660,000 WITH A \$489,030 GRANT FROM FEMA

## STATUS:

EASEMENT SECURED AND DESIGN AND PERMITTING UNDERWAY. POSSIBLE COMPLETION MID 2015





105 SNOWBALL LN

**KEEP  
OUT**  
IN CASE OF EMERGENCY  
CALL 911  
FOR MORE INFORMATION  
CALL  
HENRICO COUNTY  
UTILITIES DEPARTMENT  
878-694-6608

**WARNING**  
  
THIS AREA UNDER 24 HOUR  
**SURVEILLANCE**



175 SHERBOLL LN

NO  
OPEN  
FLAMES

WARNING  
NO  
SMOKING  
OR  
OPEN  
FLAMES







# FLETCHER WAREHOUSE SEWER EXTENSION

## SCOPE:

CONSTRUCT A GRAVITY EXTENSION OF THE CANE CREEK SYSTEM THAT REMOVES THE LIFT STATION AT FLETCHER ELEMENTARY, PROVIDES SERVICE TO FLETCHER CROSSING (AKA FLETCHER WAREHOUSE), AND REMOVES THE DISTRICT'S JOHNSON FARM LIFT STATION.

## COST:

\$1,732,000 WITH NCDOT CONTRIBUTION OF \$358,696 AND CONTINGENCY FOR ACCESS

## STATUS:

68% COMPLETE WITH THE REMOVAL OF THE JOHNSON FARM STATION COMPLETE. COMPLETION BY OCTOBER 2014.





WARNING  
SURVEILLANCE

05.23.2014 13:18





05.30.2014 10:03



06.11.2014 13:29



06.11.2014 13:11





06.26.2014 12:41



06.20.2014 10:40

# PSAP RELOCATION (911 CENTER)

## SCOPE:

RELOCATE THE HENDERSON COUNTY PSAP (PUBLIC SAFETY ANSWERING POINT) FROM THE CURRENT LOCATION IN 100 NORTH KING STREET TO THE LAW ENFORCEMENT CENTER ACROSS GROVE STREET TO INCLUDE REPLACEMENT THE CENTER'S TECHNOLOGY COMPONENTS.

## BUDGET:

\$3,600,000

- 100% GRANT FROM NC 911 BOARD
- 40% FACILITY AND 60% TECHNOLOGY

## STATUS:

FACILITY CONSTRUCTION 50% COMPLETE. TECHNOLOGY PROCUREMENT NEAR COMPLETION OF RFP PROCESSES AND DEVELOPING PURCHASE ORDERS WITH SUCCESSFUL VENDORS. COMPLETION 1<sup>ST</sup> QUARTER 2015





30 MINUTE PARKING  
SHERIFF'S OFFICE VISITOR

30 MINUTE PARKING  
SHERIFF'S OFFICE VISITOR

30 MINUTE PARKING  
SHERIFF'S OFFICE VISITOR



200











**Genie SUPERLIFT**







Formwafel











# ARTIFICIAL TURF FIELD (AAC)

## SCOPE:

INSTALL AN ARTIFICIAL TURF FIELD AT THE NEW HENDERSON COUNTY ATHLETIC AND ACTIVITY CENTER MAXIMIZING THE SIZE OF THE FIELD, WITH LIGHTS AND PER REQUIREMENTS FOR THE \$500,000 PARTF GRANT

COST: \$566,000

STATUS: COMPLETE

FIELD  
CLOSED  
CERRADO





FIELD  
CLOSED  
EMERGENCY SERVICES



































# JOINT MEDICAL EDUCATION FACILITY

## SCOPE:

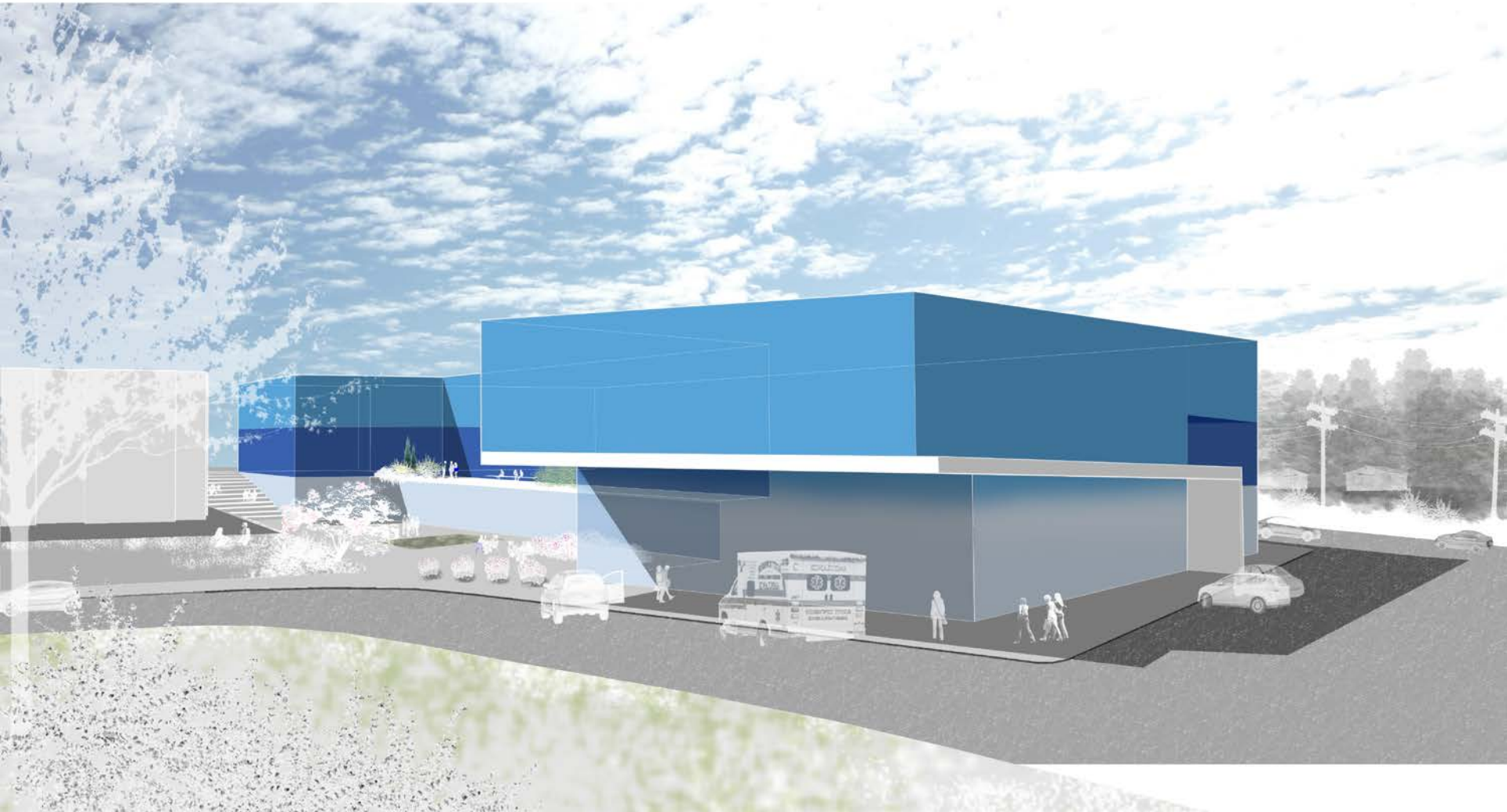
CONSTRUCT A BUILDING FOR JOINT USE BETWEEN WINGATE UNIVERSITY, BLUE RIDGE COMMUNITY COLLEGE AND PARDEE HOSPITAL ON PROPERTY PURCHASED BY THE CITY OF HENDERSONVILLE ON 64 WEST.

## BUDGET:

POSSIBLE \$25,000,000 WITH ADDITION OF A CANCER CENTER BY PARDEE

## STATUS:

PROGRAMMING AND LAYOUT APPROVAL (SCHEMATIC DESIGN) NEAR COMPLETION. LEASE AGREEMENTS WITH WINGATE AND PARDEE IN NEGOTIATIONS. COMPLETION MAY 2016.



QUESTIONS?

THANK YOU

Project Name	Budget / Estimate	Start	Bid / RFP	Completion	% Complete	Comments
<b>County Capital</b>						
1995 Courthouse Renovations	\$ 1,000,000	2010	tbd	n/a	8%	Board rejected Jan 2014 bids (overbudget), continuation pending development of reduced scope with stakeholders
Seven Falls Bonded Improvements	\$ 6,000,000	2012	tbd	tbd	7%	100% Bond; Site staplization contract compete; infastructure plans to be complete in September for Court approval
Athletic and Activity Center Renovations General Contract	\$ 1,800,000	2012				
Primary Contract			3/13/2013	6/1/2013	100%	Complete.
Paving Contract			March 2013	2Q 2013	100%	Complete.
Roof Contract			March 2013	April 2013	100%	Complete.
County Forces			n/a	March 2013	100%	Complete.
Artificial Turf Field and Lights			October 2013	August 2014	99%	Project complete pending slope drainage repair per punchlist
911 Center Relocation	\$ 3,600,000	2012	April 2014	1Q 2015	25%	100% NC 911 Board Grant; Construction Contract approved May 12, 2014; Construction 50% complete; Technology procurement underway
Performance Contract (Energy Conservation Improvements)	\$ -	2012	n/a	n/a	10%	Contractor proposal not feasible; possibly re-evaluate in future while proceeding in house with energy saving improvements
Old Fairgrounds Site Development	\$ 250,000	2013	tbd	1Q 2015 (dependent on USDA)	1%	\$175,000 Grant from ARC through USDA; Engineering and Grant Agreements approved; Design and permitting underway; Schedule still dependent on USDA grant administration
Westfelt Park Greenway	\$ 250,000	2013	September 2014	February 2015	5%	100% funded through Recreational Trails Program (\$200,000), Division of Water Quality (\$35,000) Grants and in kind efforts from County, Riverlink (\$35,000); design and permitting underway; Riverlink managing design process; County will provide Construction Administration
Tuxedo Park Improvements	\$ 453,000	2013	7/3/2014	4Q 2014	6%	\$28,000 contribution from GRCA; \$328,328 construction contract approved on 8/4/14 per Master Plan and Community Association
Joint Medical Education Facility	\$ 25,000,000	2014	tbd	May 2016	1%	Architural Services contracted; Construction Manager at Risk selected; programming and development of leases underway; Cost estimate increase due to increase in square footage to 85,000 and addition of Cancer Center
Emergency Services Facility	\$ 9,000,000	2014	tbd	tbd	0%	Programming underway with investagation of adding occupantant: BRCC, Pardee
Dana Park Improvements	\$ 200,000	2014	September 2014	2Q 2015	2%	Preliminary Design complete and approved by Park Committee; final design and permitting underway
Etowah Park Improvements	\$ 25,000	2014	July 2014	August 2014	50%	RFP process complete with Lion's Club approval; construction underway
	<b>\$ 47,578,000</b>				April	
<b>County Maintenance</b>						
1995 Courthouse Chiller Repairs	\$ 240,000	2014	Sept 2014	tbd	5%	Repair / Replacement study complete; Experience frequent and ongoing repairs; finalizing RFP with engineer
Detention Center Replace Controls, phase 2 & 3	\$ 80,000	2013	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
Animal Shelter Replace Floor, Phase 2 & 3	\$ 40,000	2013	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
1995 Courthouse Courtroom Benches (remaining)	\$ 8,000	2012	tbd	tbd	25%	Pending Board Allocation in Central Service's Planned Project Budget
1995 CH Clean & Seal Facade	\$ 80,000	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
Garage Replace Fuel Dispensers	\$ 10,000	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
Main Library Replace Stone Exterior Frontage	\$ 175,000	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget

Project Name	Budget / Estimate	Start	Bid / RFP	Completion	% Complete	Comments
Edneyville Center Parking Lot (Upper Lot)	\$ 31,650	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
Garage Fuel Farm Expansion	\$ 100,000	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
Woodridge Ave Parking Lot Expansion	\$ 26,000	-	tbd	tbd	2%	Pending Board Allocation in Central Service's Planned Project Budget
	<b>\$ 790,650</b>					
<b>Utility</b>						
Fletcher Warehouse Extension	\$ 1,731,000	2012	3Q 2013	3Q 2014	68%	\$360,000 contribution from NCDOT. Delay due to utility conflicts. Johnson Farm Lift Station phase complete and station offline. Condemnation cases pending.
Snowball Lane Extension	\$ 660,000	2012	tbd	tbd	5%	\$489,030 grant from FEMA. Project scope switched from gravity line to relocation of lift station. Access easement approved for new station. Design and permitting of new station underway.
Mill Pond Creek Extension	\$ 2,300,000	2013	1Q 2015	4Q 2015	10%	Moved proposed lift station due to lack of interest from property owners. Easements procurement in progress.
justice Academy Wastewater (aka JA Disinfection Renovations)	\$ 94,000	2013	tbd	tbd	10%	Compliance driven. At DENR request studying the switch of project scope from upgrade plant to replacing with lift station, possible joint project with Edneyville Elementary and others. Preliminary Engineering Study underway.
Naples Extension (Mud Creek Interceptor, Phase 1a)	\$ 40,000	2014	tbd	tbd	0%	Gravity extension from Mud Creek Interceptor to Naples lift station to eliminate station; RFQ for engineering services underway.
Mud Creek Lift Station Upgrade	\$ 50,000	2014	tbd	tbd	0%	Upgrade Station to accommodate additional flow from Naples Ext and Mill Pond Creek project. Project pending progress with other projects
Mud Creek Interceptor	\$ 3,500,000	tbd	tbd	tbd	2%	Priority 1 from 09 Plan, serves Park Ridge, Hospital primary driver and currently not interested in service
Howard Gap Pump Station	\$ 1,000,000	tbd	tbd	tbd	2%	Priority 5 from 09 Plan, extends Mud Creek Interceptor
Boylston Creek Pump Station & French Broad Interceptor	\$ 2,370,000	tbd	tbd	tbd	2%	Priority 6 from 09 Plan, serves south of 191 towards 64 / Horseshoe
Shaw's Creek Pump Station & Interceptor	\$ 1,990,000	tbd	tbd	tbd	2%	Priority 7 form 09 Plan, serves south of Horseshoe from French Broad Interceptor
Boylston Creek Interceptor	\$ 1,460,000	tbd	tbd	tbd	2%	Priority 8 from 09 Plan, serves south of 191 from Boylston Creed PS toward 280
McDowell Creek Interceptor	\$ 820,000	tbd	tbd	tbd	2%	Priority 9 from 09 Plan,
	<b>\$ 16,015,000</b>					
<b>Solid Waste</b>						
Demo Structures (old Revis & Austin residences)	\$ 50,000	2014	Oct-13	1Q 2014	90%	Revis and Austin residence demo'ed at cost of \$5,000.
Landfill Gas Extraction	\$ 140,000	2014	tbd	tbd	10%	Compliance driven. Delayed to FY15 budget, pending DENR approval of Corrective Action Plan
Concrete Truck Turnaround	\$ 130,860	2014	1Q 2015	tbd	2%	Begin project in 1Q 2015 pending revenues from operations during first half of FY15
Sediment Basin and Pipe Replacement (CC access road)	\$ 60,400	2014	4Q 2015	2Q 215	50%	Portion of project done in house. RFP for pipe replacement next quarter.
Demo Structures (Barn, Breakhouse)	\$ 50,000	2014	tbd	tbd	2%	Trace Barn demo delayed pending possible use for equipment storage or until dirt underneath is needed for closed landfill maintenance. Breakhouse will be demo in house when schedule permits; move operations to SMAC
Water Quality: Ditch Repairs at Closed C&D	\$ 49,400	tbd	tbd	tbd	2%	Compliance driven. Allocated in FY14. Delayed to future budget
Transfer Station Grit Chamber Replacement	\$ 31,700	tbd	tbd	tbd	2%	Compliance driven. Allocated in FY14. Delayed to future budget
Transfer Station Tunnel #1 Repair	\$ 249,100	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget
Demo Stoney Mountain Activity Center	\$ 50,000	tbd	tbd	tbd	2%	Pending Board Allocation in Solid Waste Budget and need for expansion
Metal Building for Equipment Storage	\$ 60,000	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget

Project Name	Budget / Estimate	Start	Bid / RFP	Completion	% Complete	Comments
Transfer Station Tunnel #2 Repair	\$ 104,000	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget
Transfer Station Exit Ramps Repair	\$ 207,100	tbd	tbd	tbd	2%	Pending Board Allocation in Solid Waste Budget
Water Quality: Closed C&D Access Road Repairs	\$ 40,900	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget
Concrete Slabs at Convenience Center	\$ 167,100	tbd	tbd	tbd	2%	Pending Board Allocation in Solid Waste Budget
Water Quality: Convenience Center Access Road Repairs	\$ 71,200	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget
WQ: Sediment Basin Access Road Repair	\$ 17,200	tbd	tbd	tbd	2%	Compliance driven. Pending Board Allocation in Solid Waste Budget
	<b>\$ 1,478,960</b>					
<b>Henderson County Total</b>	<b>\$ 65,862,610</b>					
<b>Public School (Oversight)</b>						
East High: Stadium Lights	\$ 100,000	2013	Aug-13	1Q 2014	100%	Complete
Atkinson: Replace Roof, Phase 1	\$ 150,000	2014			50%	construction underway
East High: Replace Roof (Old Gym)	\$ 146,500	2014			10%	construction underway
West High: Stadium Lighting Upgrade	\$ 250,000	2014			90%	construction underway
West High: New, additional parking lot (near Z Building) Phase 1	\$ 60,000	2014			50%	construction underway
West High: Renovate and replace in seating in auditorium	\$ 100,000	2014			70%	construction underway
Balfour Education Center Renovations	tbd	2014	tbd	tbd	2%	programming underway with Architect
Upward Elementary Renovations	tbd	2014	tbd	tbd	2%	programming underway with Architect
Edneyville Elementary Renovations	tbd	2014	tbd	tbd	2%	programming underway with Architect
Hendersonville High Renovations	tbd	2014	tbd	tbd	2%	programming underway with Architect
<b>College (Oversight)</b>						
no oversight projects underway						