

## **ENGINEERING AND MAINTENANCE SERVICES**

Jude Gates, Director of Facilities, Planning, and Information Technology

The mission of the Engineering & Maintenance Services department is to provide, safely and efficiently, the infrastructure services that contribute to the quality of life for our residents, safety of the personnel in the correctional facility, and maximum productivity of the employees. Operations are structured with an eye to the long term good of the County. We focus on preventive maintenance to foster equipment and facility longevity, and to maximize stability in expenditures. We exercise land management strategies consistent with our responsibility for stewardship of the natural resources. In addition to the daily operation and maintenance of facilities, the following projects were conducted and/or overseen by our team in 2009.

- Fire doors were replaced in the Fernald building of the nursing home and the front port door at the jail.
- Selective flooring replacement was completed in the nursing home and the jail. A majority of the flooring at the Rockingham County Sheriff's office was replaced and/or upgraded and flooring in the Administration building.
- Duct work on the kitchen hood and several refrigeration equipment components were replaced in the nursing home dietary department.
- A new food serving area was constructed in the jail.
- Air conditioning equipment was replaced in the Blaisdell and Mitchell building at the nursing home.
- Non-water fire suppression systems were installed in the telephone room and server rooms.
- Major upgrades to the Dentists' office in the nursing home were accomplished.
- Continuation of the upgrade to an addressable fire alarm system saw installation of new fire alarm systems in the buildings used by the Rockingham County Conservation District and the Rockingham Nutrition and Meals on Wheels Program.
- Roof repair/replacement was made to the nursing home Driscoll building and Administration building
- The walkway entrances to the Blaisdell building were replaced.
- The loading dock at the Engineering & Maintenance building was reconstructed.
- The softeners at the Water Treatment Facility were rebid.
- A major repair/replacement of the hydronic heating system in the nursing home was successfully undertaken, replacing aged and deteriorated heat and hot water piping from the Boiler Plant and throughout the nursing home complex of buildings.
- Our Information Technology/Telecommunications division continues to provide support and maintenance of the County Complex computer network, software applications, desktop computers, and telephone systems.
  - Increased involvement in the service of the jail security systems, streamlining repairs, and assisting with long range planning.
  - Expansion of the point of care model in the nursing home, including the installation of touch screens in the nursing units, which is the first phase in a medical IT upgrade.
- We continue to reap the benefits of the energy conservation measures put in place in 2003. Our daily water savings is on the order of 10,000 gallons per day and our audited energy savings for the year was \$290,371, approximately \$38,000 more than projected.

Every member of Engineering & Maintenance Services contributes to our success and the achievement of our Mission. When we do our jobs, we are virtually invisible, and yet the work of this department touches on every resident, staff and visitor every day. I am proud to be associated with such a hard working and dedicated group.