3.3 Facilities Renewal Projects

Building Projects

1. Boilers in Coastal Science should be replaced in the next ten years depending on the status of the building.

2. Heat Pumps in the dormitory need to be replaced in the next three years.


4. Migrate door locks to card system.

5. Add more security cameras (pier, Environmental Ed., Boat basin).

Infrastructure

1. Telephones and IT
   • Run telephone lines and fiber in conduit from Bio Safety Lab (BSL) II to Environmental Education (EE).
   • Pull new cable between Student Dormitory and Center Administration.
   • Start switching to VoIP.
   • Rewiring of Coastal Science and Morris Marine.
   • Change terminations in AREL and EIC Building.
   • Convert to VoIP.

2. Domestic Water
   • Tie in Dormitory, Central Administration and pier to tower water supply.
   • Supplement the main well with one of the non-potable wells at AREL.
   • Provide a second water tank or tower.

3. Electric Loop
   • Cables and switches were installed in 1994-95 and need to be replaced within the next ten years.

4. Shoreline
   • Need to be stabilized from west of Stone Jetty past Lake’s Cove.
• Ongoing harbor dredging to maintain boat basin.
• Installation of living shoreline where possible
• Stabilize Lakes Cove shoreline to be use as part of environmental education programs.

5. Site work
• Tear down old hatchery building
• Move old algal greenhouse
• Install parking for AREL
• Tear down hangar cottage.

3.4 Other Sources

• Coastal Science Building

The Coastal Science Building could continue to house the HPL administrative staff, computer modeling staff, student classrooms with IVN (or similar distance learning systems) and an expanded library/study area. This building could continue to have some laboratories to serve as “incubator” space or classroom labs. The entrance should be re-oriented so that it faces the Coastal Dynamics Lab and AREL in order to tie it into the rest of the campus more effectively.

• Student Dormitory

Plans should be explored to add on to the dormitory to provide a couple more apartments. Additions would have to be within the footprint of the existing building because it sits within the critical area boundaries. An alternative would be to build a new dormitory. The interior of the dormitory should also be renovated.

• Campus Roads

Campus roads need major repair for safety as well as campus image. All roads and parking lots need resurfacing within the next 5 years. Consider widening roads to accommodate bike lanes to encourage cycling on campus between buildings. Environmental Education Dormitories should be equipped with modern HVAC and insulated to allow for year round use. A new third dormitory should be built that incorporates personal privacy issues and can accommodate families.