

# Committee on Administration, Buildings & Grounds

## Virginia Institute of Marine Science

February 4, 2016



# Active Capital Projects

Project	Type	Stage	Total Project Cost (\$ in M)
Research Vessel	Replacement	Contract Drawings	\$10.05
Consolidated Scientific Research Facility	New Construction	Working Drawings	\$14.40
Facilities Management Building	Replacement	Working Drawings	\$7.12
Oyster Research Hatchery	Replacement	Feasibility Study	\$18.68



# Research Vessel



# Consolidated Scientific Research Facility





# Facilities Management Building



PROPOSED SOUTHWEST FACE

R R M M A R C H I T E C T S

# Oyster Hatchery





# Replace the Oyster Hatchery



- Established in 1997 to address common diseases found in Chesapeake Bay Oysters.
- Uses selective breeding techniques and genetic research to domesticate the native oyster for aquaculture.
- Provides industry with genetically superior brood stock of the native oyster.
- Oversees the Oyster Aquaculture Training Program which addresses the demand for trained technical and support staff in Virginia. This intensive program runs April - September. Participants will learn the various stages of oyster aquaculture and all phases of the oyster life-cycle.



# Governor's Budget Submission

Priority	Request	2016-17
1	Construct Facilities Management Building	\$7.12 M
2	Replace the Oyster Hatchery	\$18.68 M
3	Construct Administration and Education Complex - Eastern Shore	\$7 M
4	Replace Mechanical Systems and Repair Building Exterior - CBH	\$13.76 M



# Included in Governor's Budget

Priority	Request	2016-17
1	Construct Facilities Management Building	\$7.12 M
2	Planning: Oyster Hatchery	~\$1.5 M
3	Construct Administration and Education Complex – Eastern Shore	\$7 M
4	Replace Mechanical Systems and Repair Building Exterior – CBH	\$13.76 M

- Also included: Maintenance Reserve \$538,273 in year 1 and \$578,436 in year 2)

# Chesapeake Bay Hall





# Chesapeake Bay Hall



- Built in 1997, 64,000 square foot, three story brick veneer structure with a partial basement
- 64 Flume Hoods
- Functions as research laboratory space for all academic departments

## Problems:

- HVAC and mechanical system issues
- Inability to properly control temperature and humidity levels (due to no vapor barrier)
- The building is under continuous negative pressure causing it to be out-of-balance
- Two components of the building automation system are no longer compatible
- Presence of mold

# 2016 General Assembly

- **Maintain items listed in Governor's Budget**
- **No additional Capital Requests**



# Questions?







YORK RIVER

WEST CAMPUS

EAST CAMPUS

YORK RIVER

FM

POTENTIAL COUNTY MIXED USE RE-DEVELOPMENT

FISHERIES SCIENCE & ADDITION

GATEWAY SIGNAGE & STORAGE

SEAWATER LABORATORY

MARINE ADVISORY

VISITING SCIENTISTS

EVENT GREEN SPACE

WATERMAN'S HALL & ADDITION

AMPHITHEATRE

GREENHOUSES & TANK FARM

PROPOSED PIER

GLoucester POINT PARK

REPLACEMENT VESSEL 100

LARGE VESSELS

FIELD SUPPORT

STAFF / VESSEL PARKING

FIELD SUPPORT CENTER

SHOP & STORAGE

COVERED STORAGE

BAY EAGLE 66

HARRISON RD

VIMS BEACH

IN BRIDGE

GEORGE WASHINGTON MEMORIAL HWY

LAFAYETTE HEIGHTS DR

CRETE RD

STOR

CHESAPEAKE BAY HALL

FUTURE EXTENSION COMPLEX

ANDREWS HALL

FACILITIES

CLAYTON HOUSE

HISTORICAL FORT & REC FIELD