

William L. Clements Library Infrastructure Improvements and Addition



Project Description

The project will involve a comprehensive renovation of approximately 17,300 gross square feet that will update the building infrastructure in a manner that utilizes historic preservation techniques. Infrastructure updates will include accessibility improvements; heating, ventilation and air-conditioning systems, plumbing, electrical, fire detection and suppression, and security systems; and an exterior restoration to protect this legacy building. In addition, the project will construct an underground addition of approximately 7,500 gross square feet that will house portions of the library's collection and mechanical equipment.

Energy Efficiency Measures

- Improved building envelope for renovated area including additional wall insulation on the basement level walls, additional insulation on the replacement roof, refurbished glazing systems, and new interior storm windows throughout
- Lower velocity ductwork and AHU components where feasible to reduce pressure drop and fan horsepower
- Occupancy sensor tie-in to VAV boxes where appropriate
- Desiccant dehumidification vs. standard cool/reheat system
- Reduced lighting power density to reduce energy usage
- Occupancy sensors throughout the renovated areas to turn off lights in unoccupied areas

Other Sustainability Features

- Water use reduction through use of low flow plumbing fixtures
- Materials with recycled content used when possible
- FSC Certified wood materials
- Low-VOC paints, sealants and adhesives

Project Data

- Budget: \$16.8 M
- Schedule: Completion Scheduled for Fall 2015
- Square Feet: 17,300 gross sq. ft. renovation
7,500 gross sq. ft. addition

Substantially Complete: December 2015

- Project Status: Substantial Completion
- Design Complete: 100%
- Construction Complete: 100%