

## GEORGIA STATE UNIVERSITY – Atlanta, Georgia

### CLASSROOM BUILDING COOLING TOWER AND PIPING ADDITION

**SCOPE** Upgrade the existing condenser water system serving the West Campus chilled water loop. Replace the existing cooling tower with redundant 750-ton towers, designing for an additional two towers in the future.



**Owner**

Georgia State University

**Mechanical Contractor**

McKenney's Incorporated.

**Prime Consultant**

Johnson, Spellman & Associates, Inc.

**Construction Cost**

\$600,000 (total)  
\$500,000 (mechanical)

#### **SPECIAL CIRCUMSTANCES**

- Route 16" risers through an existing 10-story building from the roof to the basement.
- Work required around continuing building occupancy during construction.
- Cross-connect the existing 10" rises with the new 16" risers.
- Structural supports for the anticipated four cooling towers.
- Upgrade of the existing electrical systems to support the new towers and other roof-mounted equipment.
- Phasing of the mechanical work to limit the downtime of the chilled water plant.



**Johnson, Spellman & Associates, Inc.**

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