

## Lindbergh High School: St. Louis, MO



### PROJECT DESCRIPTION

**Client:** Lindbergh School District  
**Project:** Lindbergh School District Renovation & Expansion  
**Floor Area:** 250,000 sf  
**Construction Schedule:** Completes Spring 2023  
**General Contractor:** BSI Constructors  
**Architects:** Ittner Architects and Perkins+Will

### PROJECT APPROACH

Plan/Spec

### ROLE

HVAC Mechanical Contractor

### PROJECT SCOPE

Wiegmann is upgrading HVAC systems at the Lindbergh High School campus and installing new systems for a 250,000-square-foot addition. The HVAC solution will meet the client's goals of optimal comfort, climate control and efficiency within the project budget. A new rooftop variable-air-volume (VAV) system utilizing a central plant will serve chilled water to rooftop air handlers and hot water to reheat terminals. The VAV units adjust the fans and compressors to match the loads in the building. This will reduce the motor horsepower and compressor energy needed, conserving energy and lowering operational costs.

