

**State Farm Insurance, BLOOMINGTON, ILLINOIS****FINANCIAL SERVICES****INSURANCE COMPANIES**

**OPERATING COMPANY:**  
Nogle & Black Mechanical, Inc.

**CLIENT:**  
State Farm Insurance Companies

**PROJECT DURATION:**  
14 Months

**VALUE DELIVERED**

Looking to develop a new state-of-the-art training and education facility for its claims adjusters, State Farm Insurance Companies turned to Nogle & Black. We helped State Farm decide to renovate an existing 230,000 square foot building rather than embark on a new construction project. A guaranteed maximum price was provided for the project and a phased fast-track design and construction schedule implemented that enabled the facility to remain fully operational during the 14-month renovation process.

**SCOPE OF WORK**

We were responsible for oversight of the entire renovation, including coordination with other trade contractors, building management and the project engineer.

Four Carrier chillers were installed, ranging in size from 350 tons to 550 tons, in addition to associated cooling towers, pumps boilers VAV boxes, air handlers, ductwork, plumbing and piping.

Services included:

- HVAC System Design
- Ductwork Fabrication
- Mechanical Construction
- Equipment Installation
- Value-Engineering

**TECHNICAL SOLUTIONS**

Relationships

**Quality Service****VALUE ENGINEERING**

Experience

Project Schedule &amp; Coordination

**EXPERTISE**

- New Construction
- Retrofit
- Electrical Construction
- Mechanical Construction
- Facilities Services
- Consulting Services



## BACKGROUND

In 75 years, State Farm Insurance Companies has grown from a small farm mutual auto insurer into one of the world's largest financial institutions and one of the country's major personal lines, property and casualty companies. With 25 operation centers in 13 zones, State Farm has nearly 80,000 employees and more than 16,700 agents servicing 71.6 million policies in the U.S. and Canada.

## OBJECTIVES

With barriers between the banking, securities and insurance companies having fallen, competition is fierce, making the training of employees more important than ever. State Farm required a modern facility that could meet the training and educational needs of its claims adjusters.

## SOLUTIONS

Nogle & Black implemented a number of strategies to enable State Farm to achieve its goals:

- **Pre-Planning** – installing extensive ductwork in limited ceiling space was facilitated as a result of careful pre-planning and coordination. These efforts also allowed large volumes of ductwork to be prefabricated with very little waste.
- **Phased Scheduling** – completing the project within an ambitious 14-month schedule while the existing facility remained operational required phased scheduling and effective implementation and management of the construction process. This included close coordination of other trade contractors as well as the timely procurement and delivery of materials and equipment.
- **CAD Services** – computer-aided design (CAD) drawings were employed to expedite the installation work and maintain the schedule.
- **Guaranteed Maximum Price (GMP)** – by providing a GMP upfront, we were able to assure State Farm that the project would meet all its objectives without any budget surprises.



*Nogle & Black has been an innovative heating and cooling contractor in the Champaign-Urbana area since 1904.*