



COLONIALWEBB
CONTRACTORS®

Smithfield Industrial Refrigeration Case Study



The Challenge



Smithfield Foods restructured their pork group which included closing six plants and transferring production to more efficient facilities. Smithfield – North was to be expanded to compensate for the closings. The company looked to longtime service partner ColonialWebb Contractors, in collaboration with others, to make it happen.



The Solution





From sales and estimating, design and engineering, to execution and commissioning, the project saw nearly 100 ColonialWebb Industrial Refrigeration, Thermal, and HVAC employees working together.



To save money, ColonialWebb went on multiple trips to the facilities being closed down to harvest used equipment.



The Results





In total the project consisted of installing more than 70 pieces of industrial refrigeration equipment, ...



... nearly three miles of carbon steel pipe, ...



... and insulated panel walls in excess of 47' and over 95,000 sq ft total.



A newly installed 900 point Allen Bradley control system with multiple terminals ties the entire process together.



The result was a new 1,800 ton fully operational ammonia system that was installed safely, with an innovative approach and solution, without missing a deadline, and on budget.



“In my 33 years I haven’t seen a job go so well considering the short time frame...”
- Mike Brown, *Refrigeration Supervisor*, Smithfield