



## Supplied Industrial Solutions

Granite City, IL 62040

**Contract:** USDA Exterior Masonry Project, Peoria, IL.

**Location:** The site for this project is at the National Center of Agricultural Utilization Research (NCAUR) USDA-ARS, Peoria, IL.

**Contract Amount:**      Original Contract Amount      \$ 537,000.00  
                                    Final Contract Amount      \$ 537,000.00

**Period of Performance:** June 2017-December 2017

**Client:** USDA

### SCOPE OF WORK AND PROJECT SUMMARY

The project involves the removal and replacement of 3 stories of the brick facade on the northeast and southeast corners of the main building as well as, glazed block replacement and structural steel lintel replacement. The corners have an outside radius on them and were completed one corner at a time.

The project included:

- Reviewing site data.
- Review site layout and grading, site utilities, buildings.
- Submit SIS, Inc. safety plan including Controlled Access Zone Layout to protect pedestrian traffic and keep main entrance open at all times.
- Provide schedule of construction work.
- Secure work area.
- Construct project.
- Provide as-constructed drawings.

### Challenges/Solutions

The project presented several challenges. The first being safety of the employees and public access to the building itself. Access to the main entrance had to be maintained for the

duration of the project. This was accomplished by creating a Controlled Access Zone that kept the public out of harms way from the work area, while still allowing total use of the sidewalks to the main entrance.

The next challenge faced was the placement of the tower lift with a radius platform so the removal and replacement of the brick façade could be performed by the workers in a safe manner for not only the public, but themselves as well. Glass block and steel lintels were also replaced as the work progressed up the walls.

The last challenge was making sure the new brick being replaced aesthetically matched the existing brick remaining in place. This building is in a historic area of Peoria, and as such, had to meet requirements of the Peoria Historical Society.







