



## CHALLENGE

*The Salvation Army required replacement of their “AS-IS Store” and enhancement to their existing operations while remaining accessible to the public during construction.*

The Salvation Army’s regional architect asked HLR to provide civil and structural engineering services related to demolition, site work planning, new reinforced masonry design and detailing along with various related detailing.

## RESULTS

*The project was completed on time, ready for occupancy in 2004.*

## SOLUTION

HLR served as the structural and civil engineering firm designing the demolition and new addition construction, working directly for the Architect.

This project included demolition of a deteriorating single-story brick masonry structure and design of its replacement with a single-story modern reinforced masonry building, a canopy system connecting to the existing facility, an exterior recreational area including a basketball court, parking for visitors, staff and facility delivery trucks. Site configuration included the separation of utility service vehicles and the general public, sidewalks, fencing, on-site water retention and new entrance permits on two Illinois State Routes.

HLR also provided periodic site visits to consult with the Architect and Contractor on field related questions and construction issues.

### *Project highlights:*

- Demolition Plans
- Site design with on-site water retention
- Parking lots, curbs and sidewalks
- Illinois State permitting
- Reinforced masonry design

