

# RESIDENTIAL CASE STUDY

## UNITED STRUCTURAL SYSTEMS

**Project:** Residential Remediation

**Owner:** David Latherow

**Location:** Ashland, KY

**Engineer:** Stantec

**Description:** Residential structure exhibited settlement along entire exterior wall with exception to front. Settlement was in magnitudes of approximately 2 inches or less. Visible observations, such as "stair step" cracking was observed on brick. Other observations included doors unable to close and windows unsealed.

**Solution:** 15 Push Piers were installed at 6.0 feet o.c. Lifting of the foundation was performed. After 5 days, the install was completed and the structure was reset to original elevation.

**"USS was very professional, courtesy, and hard working."**

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