IWP FOUNDATION REPAIR

ECP

2026 POLYPIER PROJECT OF THE YEAR

NO ROOM FOR SETTLEMENT

OCCUPIED APARTMENT COMMUNITY RESTORED WITH POLYPIER

Lawrence, Kansas



PROJECT TYPE
POLYPIER

SITE CONDITION
OCCUPIED APARTMENT COMMUNITY

LOCATION
LAWRENCE, KS

SYSTEMS INSTALLED
POLYPIER + SLAB PIERS

REPAIR AREA
1,600 SQ. FT

OVERVIEW

Significant slab settlement at Vermont Towers required repair without disrupting the occupied apartment community. IWP developed a combined solution using 29 interior slab piers and polyurethane foam to lift and stabilize approximately 1,600 square feet of settled slab.



SETTLEMENT



VISIBLE CRACKING

CHALLENGES

OCCUPIED BUILDING
Residents remained on-site throughout construction.

CONTROLLED ACCESS
Security and residential access had to be maintained.

HIDDEN UTILITIES
Additional subgrade utilities complicated the pier layout.

SOLUTION

29	3,200 LBS.	29
SLAB PIERS Structural support	**POLYPIER** Void fill + stabilization	**CONCRETE PATCHES** Areas Restored

CONTROLLED FROM START TO FINISH
Pier locations were adjusted around hidden utilities while slab elevations were continuously monitored throughout the repair.



INJECTION ACCESS

WANT THE FULL STORY?
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