

# Food Processing Plant – Freezer Slab Lift

## Cincinnati, OH



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>Freezer slab settlement of up to 8" over 3000 sq. ft.</li> <li>Underlying soil damaged by low temperatures</li> <li>Tight window to complete while freezer temps were up</li> <li>Coordinate access so that plant forklift traffic had no downtime</li> </ul>	<ul style="list-style-type: none"> <li>Inject high-density polyurethane beneath slab to void fill and create lifting pressures adequate to lift the plant floor</li> <li>Utilize multiple injection points to void fill and lift incrementally</li> </ul>	<ul style="list-style-type: none"> <li>Self designed solution based on site visits and low temps</li> <li>During installation, monitored the lift process through string lines on grade and through laser equipment monitoring 1/8 inch at a time</li> </ul>	<ul style="list-style-type: none"> <li><b>Minimal intrusion:</b> Completed work over 2 day period with no interruptions to customer's operations</li> <li><b>Customer Satisfaction:</b> achieved up to 7" of lift and leveled the slabs to customer's satisfaction</li> </ul>