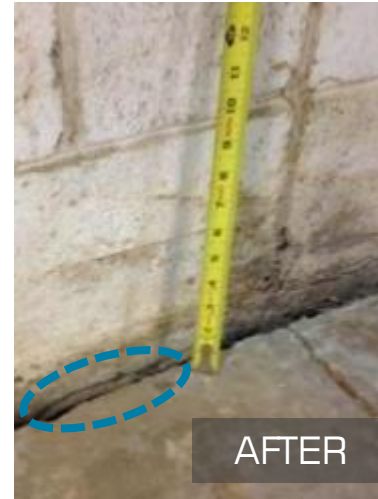


LSI Manufacturing Facility Plymouth, MN



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Stabilize sub-soils that consist of decomposed peat, mucky environment and organic soils Lift and level up to 8" settlement for 13 ,175 square foot area of 25x18 portland cement slabs Level rail system that transported equipment for manufacturing operations 	<ul style="list-style-type: none"> Utilize multiple injection points to underseal the slab, void fill and Utilize multiple solutions throughout the problem area in order to meet multiple isolated problems, such as lift, undersealing, stabilization and void-fill 	<ul style="list-style-type: none"> Self designed solution based on multiple onsite visits and creation of drawings During installation, monitored the lift process through string lines on grade and through laser equipment monitoring 1/8 inch at a time. 	<ul style="list-style-type: none"> Minimal intrusion: Completed work over 4 day period with no interruptions to customer's operations Customer Satisfaction: achieved up to 8" of lift and leveled the foundation to standards that helped exceed customer expectations