

Toho Water Authority Lift Station

Kissimmee, FL



Lift Station Sealing & Stabilization

Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> • Install water infiltration barrier at three specific levels around exterior of lift station. • Work required due to failed seals • Perform work with lift station in service. • Work around inflow/outflow lines and electrical. 	<ul style="list-style-type: none"> • Identified mechanicals using GPRS services • Hydro-lanced probe access holes to ensure identified mechanicals were safely passed • Injection points spaced at predetermined intervals and specified depths. • Predetermined material amounts 	<ul style="list-style-type: none"> • Toho Water Authority personnel were on site to work with our crew in verifying location and purpose of mechanicals • GPRS was utilized for accurate determination of shallow electrical runs 	<ul style="list-style-type: none"> • No downtime: All work performed in one day. • No Service disruption: Lift station remained online while work was performed • No impact on interior liner or mechanicals