

# Kissimmee/Lake Tohopekaliga Seawall

## Kissimmee, Florida



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>• Seawall dating back to the 1950's developed cracks, created voids, sidewalk settlement</li> <li>• Portion of an overall seawall, pedestrian walkways and road work project</li> <li>• Unknown soil conditions</li> <li>• Unknown void areas</li> <li>• Active construction site</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple site visits</li> <li>• Worked with Kimley-Horn Engineers, Burkhardt Construction to develop an injection plan</li> <li>• Plan goal is to seal cracks and stabilize soil behind wall to increase the load bearing capacity of soils</li> </ul>	<ul style="list-style-type: none"> <li>• City of Kissimmee</li> <li>• Kimley-Horn Engineers</li> <li>• Ground Works experienced crew</li> </ul>	<ul style="list-style-type: none"> <li>• Work completed in 7 hours from site visit to completion</li> <li>• 66 void areas identified and stabilized, approximately 840 LF</li> <li>• Monitoring at surface to confirm soil stabilization.</li> <li>• Multiple failed joints and cracks sealed to retain soil behind wall</li> </ul>