

# Creighton Rd. Inflow & Infiltration

## Pensacola, FL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>• Inflow &amp; Infiltration into storm drain system</li> <li>• Pavement and manhole structure settlement due to loss of bearing soils</li> <li>• Surface Depressions due to soil migrating into storm drain system</li> <li>• Manhole, Joint, and Lateral line Encapsulation and Sealing</li> </ul>	<ul style="list-style-type: none"> <li>• Inject URETEK polymer using The URETEK Method to encapsulate and seal faulted joints from inflow and infiltration</li> <li>• The Deep Injection Process at 5 distinct elevations to fill voids and densify weak base soils to prevent additional pavement and structure settlement</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-Estimate Meeting with FDOT and Contractor.</li> <li>• Designed injection locations, quantities and depths</li> <li>• Pre-construction and Safety meeting onsite with crew</li> <li>• On-site installation</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Infrastructure Restoration:</b> URETEK polymer compacted and void filled loose surrounding soils to rehabilitate storm drain system</li> <li>• <b>In-situ Technology:</b> Restored and increased soil load-bearing capacity at depth in 3 days with minimal disruption</li> </ul>