

# Barrancas Avenue Pipe Joint Sealing

## Pensacola, FL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>Joint failure due to stress caused by settled manhole structure and migrating base soils</li> <li>Inflow &amp; Infiltration into storm drain system</li> <li>Pavement settlement due to loss of bearing soils</li> </ul>	<ul style="list-style-type: none"> <li>Inject URETEK polymer through lateral line to encapsulate and seal leaking joint from inflow and infiltration</li> <li>Deep Injection Process at 3 distinct elevations to densify weak base soils and prevent additional pavement settlement</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Estimate Meeting with Transfield Services</li> <li>Designed injection locations, quantities and depths</li> <li>Pre-construction meeting onsite with contractor and crew</li> <li>On-site installation</li> </ul>	<ul style="list-style-type: none"> <li><b>Minimal intrusion:</b> Work performed in 1 Night with no excavation or traffic delays</li> <li><b>Infrastructure Stabilization:</b> Stabilized and bridged bearing footprint of base soils</li> <li><b>Lateral Line Encapsulation:</b> Stabilized soils to support structure and sealed joint to prevent I&amp;I</li> </ul>