

Inflow and Infiltration Sealing

Gulf Breeze, FL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Stormwater drained from surface drain in median to outfall in the shoulder. Crew unable to inject from inside pipe due to small diameter Faulty joint 20' from surface drain allowed soil fines to enter drain system and cause subsidence at surface. 	<ul style="list-style-type: none"> GWS crews used the patented Deep Injection Process to seal RCP and stabilize right of way. Working safely to produce high quality results is always the highest priority. Polyurethane was injected from road surface using a 4' grid pattern to seal and encapsulate exterior of the pipe and restore load bearing capacity to soil. 	<ul style="list-style-type: none"> APAC MidSouth assisted by providing a pre-construction site visit. APAC MidSouth also assisted by providing traffic maintenance. 	<ul style="list-style-type: none"> Minimal intrusion: No excavation was involved with sealing this infiltration leak. Infiltration Sealed: The leaking joint was completely sealed using lightweight, structural-grade polyurethane via the Deep Injection Process®