

ICA and FDOT SR70 Culvert Repair

Highlands County, FL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> The invert of twin 72" corrugated metal pipe culverts rusted out causing soil erosion under SR-70 in Highlands County CMP failure caused substantial loss of load-bearing soil and highway collapse was imminent 	<ul style="list-style-type: none"> Inject along the base of both CMPs to densify soil, displace water, fill voids, and seal cracks Inject vertically parallel to the highway, creating a "barrier wall" to minimize soil erosion underneath the roadway above 	<ul style="list-style-type: none"> Specifications from ICA and FDOT Designed injection quantity and depth Pre-construction meeting On-site installation 	<ul style="list-style-type: none"> Crisis averted: One day installation resulted in stabilization of culverts and highway with closure of only one highway lane Expenses avoided: Important commercial/agriculture traffic could resume with little disruption