### Project Challenges
- 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.

### Solution
- 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.

### Support
- Specifications from ICA and FDOT.
- Designed injection quantity and depth.
- Pre-construction meeting.
- On-site installation.

### Outcome
- **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.