# Egret’s Nest Double Box Culvert
Jacksonville, FL

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| • Soil erosion, caused by poor construction and leaky joints, has occurred above and below double culvert.  
• Soil erosion has caused a partial collapse of the culvert and threatens to collapse 10 other sections. | • Inject structural polymer from the inside of the culvert to fill voids and stabilize the structure to prevent further collapse.  
• Inject structural polymer to seal 8 culvert joints, and inject 50+ deep injections @ -2ft approx. 55lbs per point. | • City of Jacksonville  
• Auld & White - Engineer  
• Designed injection plan  
• Forced-air ventilation  
• Pre-construction meeting  
• On-site installation | • **Problem Solved:** 4 day installation resulted in void space being filled, 10 culvert sections stabilized, and 8 joints sealed to customer satisfaction.  
• **Minimal impact:** Work performed within time frame |