**Bracco Pond Outfall – Void Fill**  
City of Cocoa – Cocoa, FL

<table>
<thead>
<tr>
<th>Project Challenges</th>
<th>Solution</th>
<th>Support</th>
<th>Outcome</th>
</tr>
</thead>
</table>
| • Concrete slope pavement had significant elevation loss and the 1st joint of the  | • Inject structural polymer under concrete slope pavement t to fill voids and stabilize the structure to prevent collapse.  
| RCP pipe failed, permitting water infiltration from embankment.                    | • Inject structural polymer to fill approx. 680 CF of void and seal 1 corrugated metal pipe.                                                                                                             | • Designed injection plan  
| • Water infiltration caused soil erosion that created voids, ranging from 18” to   |                                                                                                                                                                                                          | • Pre-construction meeting  
| 36” inches.                                                                       |                                                                                                                                                                                                          | • On-site installation  
|                                                                                  |                                                                                                                                                                                                          | • Double impingement gun injection                                                                                                      | • Problem Solved: One day installation resulted in void space being filled, slope pavement stabilized, and 1 joint sealed to customer satisfaction.  
|                                                                                  |                                                                                                                                                                                                          |                                                                                                                                          | • Minimal impact: Work completed ahead of schedule |

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