

# Case Study

# Magna Crete 9555LOC



## INDUSTRY

Public Works

## PROBLEM

The Culvert had developed erosion around the valve door and leakage had reached unacceptable levels. Traditional repair methods would require road closure and demolition of culvert, replacement, road repair and resurfacing. The cost of job would be 8 weeks down time and \$98,000, this was not viable for Council Budget.



## APPLICATION

Culvert passing under roadway and flood control gate

## SOLUTION

Loctite Magna Crete is a superior two part rapid setting concrete repair and grouting system. The product once applied has 1% porosity and will not shrink or crack. These properties allow the repairs to take place utilising the existing culvert and without disruption to the road surface or traffic. Repair time was 5 days at a total cost of \$14,790

## BENEFIT

Conventional repair methods were avoided ie demolition and re-building, 8 weeks traffic disruption was avoided. Conventional costs was \$98,000 v \$14,790 magna crete cost. This represent a total cost saving of \$83,210. Well done Ross Gorman and the team at BSC Industrial Grafton.

