



## Gladstone Regional Council Crack Sealing

**Location:**

Gladstone, QLD

**Project Date:**

July 2015

**Project Duration:**

20 Days

**Contract Type:**

SOR

**Contract:**

100,000 lm



### Overview

Pavement cracks develop due to expansion and contraction caused by temperature fluctuation. These cracks allow water to penetrate the pavement base and sub-base materials causing pavement elements to lose structural integrity. If not repaired or prevented this cracking effect will grow, leading to deformation of the pavement, pot holes, and ultimately the failure of the pavement. The use of a quality hot crack sealant minimizes water penetration and in this case we used SAMifilla HM.

Gladstone Regional Council understands how important preventative maintenance treatments are and performs an annual crack sealing program.

This year Colas was the successful contractor and with 100,000 lineal meters of crack sealing to undertake.

### Scope

Crack sealing 100,000 lineal meters of cracks at various locations throughout Gladstone City and Calliope Township Tannum Sands areas. Colas provided two crack sealing crews and traffic control to complete the project within a 20 day time frame.

### Project Challenges

The most significant challenge on this project was completing on time and within budget. Crack Sealing is used prior to asphalt overlays and before resealing so it was important that Colas completed the works in a timely manner.

Colas managed to average 5,000lm per day.

### How we managed this

Having an experienced crew and supervisor who each have a minimum of 5 years crack sealing experience ensured that any problems were quickly solved.

Each shift was scoped the day before with the client and supervisor so that any obstacles did not interfere with the next day's shift.

### Value Added

Colas worked together with the client to maximize the number of streets that could be completed on a daily basis.

Colas was also able to provide Gladstone Regional Council with a trial of SRS SealCoat on one of the streets that had been crack sealed to show another preventative maintenance treatment available.