



Bankstown City Council Cape Seal

Location:
Padstow, NSW

Project Date:
Sept 2015

Project Duration:
6 Days

Contract Type:
SOR

Contract:
32,000 m²



Overview

A Cape Seal is a spray seal covered with a sealcoat or micro-surface. The benefits from using a cape seal include a very smooth surface with an increased durability by sealing the sub-base. Often the use of a spray seal is not popular with the public because of the rougher ride and loose stones. With the addition of a sealcoat as the top treatment, the road ends up with a smooth surface that binds any loose aggregate, reducing stone loss. Cape Seals have been used to not only protect the pavement by sealing it, but it can also be used for heavy traffic areas and to address minor cracking. As with any surface treatment large cracks and potholes must be addressed prior to its application. Minor cracks, including low severity crocodile cracks, can be addressed with the use of a polymer modified or a rubber modified spray seal.

Scope

Spray sealing first then sealcoating 32,000m² as a locking coat to various residential streets in the Bankstown area. A final sweep of any loose material was required before the sealcoat application. The sealcoat was applied in two coats of 1.0 l/m² per coat and allowed to cure between coats.

Project Challenges

The most significant challenge on this project was completing on time and within budget. The spray sealing was completed first and allowed to settle in before the application of SRS SealCoat in a two coat application.

The biggest challenge is educating the residents that the road will need to be completed in two stages and that the spray sealed surface is not the final layer.

How we managed this

Having experienced crews who work together to provide a fast efficient treatment that reduced any disruption to the residents.

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 is constantly looking for new and innovative ways to meet the needs of our local government clients. Colas is proud to be at the leading edge of preventative maintenance treatments available in Australia.