



# Pavement Stabilisation



**Project Name:** Pavement Stabilisation

**Clients:** Various Local Councils

**Works Description:**

Allciv owns and operates in-situ pavement stabilization equipment capable of small, medium and large areas. We operate the Wirtgen WS220 towed stabilizer and a 21 ton cement spreader custom designed and built by Paveline Industries. These machines allow us to stabilize large areas to a maximum depth of 500 mm over a width of 2200 mm in a single pass. The Wirtgen WS220 has a custom fitted water injection system that allows moisture to be directly incorporated into the mixing bowl. The 300HP Massey Ferguson 8660 tow tractor provides excellent maneuverability and the ability to travel at speeds of 50km/hr between work sites should they be separated by distance such as large patches.



Our small to medium stabilizing capability consists of a custom built stabilizer driven by a CAT297C Multi Terrain Loader and a 3 Ton cement spreading truck.

This equipment allows us to stabilize at a depth of 250 mm and as narrow as 750 mm wide. The spreading truck is adjustable across its spread width from 750 mm to 1500 mm in 250 mm increments and can spread cement from 3 – 21 kg / m<sup>2</sup> in a single pass.

We also own and operate a Paveline Autopave with a 2,000 L emulsion tank, 6 m<sup>3</sup> aggregate bin and 2.4 m wide spray bar and automatic aggregate spreader.

Recent stabilizing Projects completed include:

- Saraji Road (Dysart) 30,000 m<sup>2</sup>
- Hinchinbrook Shire Council 33,500 m<sup>2</sup>
- WRC Flood Rehabilitation 50,000 m<sup>2</sup>
- WRC Airport Car Park Sub-grade Improvement 10,000 m<sup>2</sup>

**Allciv Contact:**

Brett Thiele  
(07) 4946 7660

[brett@allciv.com.au](mailto:brett@allciv.com.au)

