



PROJECT SNAPSHOT

TOXFREE SAFELY CLEARS CONCRETE ON THE M80 WITH
LIVE TRAFFIC IN THE NEXT LANE

Toxfree use aqua cutters to slice through concrete for the Tulla Sydney Alliance, in a method that is more efficient than other types of cutting.



The issue

During the M80 upgrade on the Western Ring road from Tullamarine Freeway to Sydney Road, two damaged expansion joints needed to be replaced. For this to be done the concrete surrounding the joints needed to be demolished. The joints were 10 meters long, 700mm wide and 150mm deep. Live traffic was still operating in the next lane over and any risk of flying debris from the concrete hitting vehicles needed to be minimized.

The solution

Due to tight time restraints, an aqua cutter was used to demolish the concrete in half the time it would have taken to complete the same job with a hand gun. A containment hut was set up over the joints to isolate the concrete removal and ensure the safety of the live traffic outside.



The outcome

Although the containment hut slowed down the process dramatically, the job was still completed within the tight time frame and the customer was very pleased with the results.