

## Project Profile

# HMAS Coonawarra Carpark Resurfacing and Refinement



<b>Client</b>	Broadspectrum
<b>Location</b>	Darwin, Northern Territory
<b>Duration</b>	January 2018 to February 2018
<b>Contract</b>	Lump Sum Construct Only
<b>Cost</b>	\$0.2 million

## Project Overview

HMAS Coonawarra is a Royal Australian Navy Base located in Darwin, Northern Territory. It is an important shipping port for the Royal Australian Navy as it serves as a gateway to northern neighbours and is the centre from which the Department of Defence conducts border integrity operations.

Broadspectrum, on the behalf of the Department of Defence, engaged McMahon Services to undertake carpark repair works at the Base.

## Scope of Work

The project delivered resurfacing and repairs to failed pavements for a 36 space carpark and associated roads within HMAS Coonawarra.

Works included stripping, ripping and recompacting 270m<sup>2</sup> of failed areas to a depth of 150mm, then applying a 7mm emulsion seal to protect unsealed area from wet weather. Pavement materials were remixed and recompacted for the new pavement layer.

### McMahon Services

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Existing surfaces were then lifted to match the new finished levels, and then 30mm of asphaltting was applied across the car park.

Other works included the removal of obstructions such as existing kerbing and redundant signs, and the installation of new bollards. Traffic management was in place at all times during the works. The project occurred adjacent to combustible liquids area requiring a minimisation of hot works on site. Activities that were most disruptive to Base personnel occurred during weekends to minimise impacts.

Final works included line marking and the installation of road furniture, signage and kerbing.

The project was undertaken adjacent to a waterway requiring stringent environment management plans and methodologies such as silt socks around drainage channels and boarding over stormwater inlets during spraying works to protect against the risk of spillage entering the marine environment.

