



## ABH - PRINCESS ROYAL DRIVE CROSSING UPGRADE



# PROJECT PROFILE

June 2015

### Detailed Scope Overview

RMC Rail was engaged by Albany Bulk Handling to completely rehabilitate the level crossing on the entry to their Woodchips Terminal:

- Renewal of subgrade, drainage, ballast and replacement of timber sleepers with Low Profile Concrete sleepers
- Replacement of existing 47KG SC Rail with 50KG HH Rail utilizing junction rails to transition into the existing rails.

### Project Challenges

Project required coordination with numerous authorities including the MRD, Esperance Port Authority and the Albany Shire Council. Key challenges included:

- Allowing access for road train activity accommodating the Fuel Terminal, Bulk Gas Terminal and the local seed cleaning company during the project.
- Approach and departure angles to the crossing were on different grades, the road was curved and the railway was a 140m curve.
- Works were carried out during a shutdown in the terminal and completed on time for the passage of the first train without delay.

### Innovative Ideas

RMC Rail engaged with the client gaining an understanding of the historical issues with the crossing. The crossing was a traditional bitumen crossing that had failed numerous times in its 15 year life with sleepers having been replaced on one occasion and bitumen replaced numerous times.

RMC Rail presented an alternative crossing package to the ABH Board for information and consideration as a solution to this difficult location.



### Value Adding

RMC Rail introduced quadrant drainage along with bank widening to introduce a pathway to keep access off the ballast shoulder when accessing the derailer. This action future proofed the drainage adjacent to the crossing which in turn enhanced the crossing drainage.

### FAST FACTS

## \$0.25M

Project Value

## 1 Rosehill Rubber Crossing

Scope Achieved

## 0 Train Cancellations

## 0 Incidents

### CLIENT REFERENCE

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