



The Client



The Project

- Duplication of the Westernport Highway between Cranbourne-Frankston Road and North Road
- Design & Construction Contract
- Works commenced in 2007 and were completed in 2009 (after 10 years of drought)



The Challenge

- In 2010, sections of the road began to fail after periods of rainfall
- Investigation revealed water penetration of the subgrade
- VicRoads and Contractor in dispute over responsibility to reconstruct the drainage system causing the failure and repair damaged sections of the pavement

The Outcome

- Flagstaff appointed as independent expert advisor
- VicRoads specified a culvert drainage system in the design and construction tender
- The Contractor is a professional business and was responsible for the design and construction of the drainage system
- The completed culvert drainage system did not achieve the required falls and was not constructed in accordance with the design
- An alternative drainage system (barrel drain in lieu of culvert) should have been identified and documented during the design process
- VicRoad's should be responsible for additional costs for barrel drain over the culvert drainage system specified in the tender documents
- The Contractor should be responsible for the balance of the costs for repair and reinstatement

'experience makes a difference'