Level Crossing Removal Program

- 50+ Level Crossings
- Mernda Rail Extension
- Hurstbridge Rail Duplication
- Urban Renewal
Our Sustainability Vision is to achieve excellent environmental, social and economic outcomes across all phases of the Level Crossing Removal Project (Project) in order to deliver an integrated Project that connects the community in an environmentally sustainable manner.
Climate Change Framework

- Risk Modelling
- Climate Scenarios
- Climate Risk for a Program of Works
Project Delivery

- Procurement
- Delivery
- Knowledge Sharing

...Practical Outputs
Lessons Learned

• Approach: Project Level Risk Assessment and Delivery

• Design Conflicts

• Understanding Risk

• BUT..... 8 year program of works, which means learning and applying as we go for continual improvement
Climate Change
Adaptation into Practice

- Rail Design – Bayswater LXRP

Figure 2: Reference track alignment cross-section

Figure 3: Proposed track alignment cross-section
Climate Change Adaptation into Practice

- Station Design – Solar Panels at Heatherdale Station