Alasdair Lothian – Challenges of Roading in Fiji
August 2016
• Graduate Transportation/Stormwater Engineer based in MWH Christchurch office
• 1 ½ years experience
• Born in Bay of Islands, spent decent amount of childhood in Papua New Guinea.
• Started with MWH, March 2015
• Been working on Fiji projects since March 2015
• Traffic Management Plans
• Road Safety Review’s
• Fiji MOTSAM
Existing Roading Environment
Poor Maintenance Programmes
Extreme Weather Events
Overloaded Vehicles
Catastrophic Failure
Grantham Road - Compliance Issues

- Laucala Bay Road
- USP bus stand
- Pedestrians not crossing at signalised intersection
Grantham Road - Compliance Issues
Grantham Road - Compliance Issues
Bus Stops
Data Reliability

- Fiji CAS

- Road and Bridge Maintenance Programme
Concrete Edge Marker Posts
Benefits of working on international projects

- Wider range of experience
- Opportunities to meet and work with lots of different people
- Experience different working styles, culture
Challenges

• Geographically diverse team – Fiji (Suva & Nadi), New Zealand (Auckland, Hamilton, Wellington, Christchurch, Dunedin etc.)

• Cultural barriers

• Lack of/uncoordinated existing services information

• Monitoring construction practices remotely
Questions?