Constructing the Auckland City Rail Link

Ian Clark and Andrew Mein
Existing / Future Rail
Existing Station Catchments
Transport Planning of CRL

• Integrated Transport Assessment (2012)
  – Council Hearings (2013)
  – Environment Court Hearing (2015)

• Albert Street Stormwater Main Realignment ITA and Hearing

• Alteration to Designation: Britomart

• Alteration to Designation: Mount Eden
  – Environment Court (2017)

• Enabling works construction started late 2015
Transport Planning of CRL

• Integrated Transport Assessment (2012)
  – Long term effects (post construction)
  – Short term effects (during construction)

• Council Hearings (2013)
  – Effects during construction
  – Evolution of Conditions
CBD Effects

Extent of cut and cover works
CBD Effects

Directly affected corridors
Transport Planning of CRL

• Integrated Transport Assessment (2012)
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Downtown
Albert Street
Albert Street
Albert Street
QE2 Square/Britomart Station
Temporary Britomart Entrances
Evolution of Conditions

• Original conditions
  – Generic
  – Main constraints
    • How closures/restrictions were to be permitted
    • Based on modelling

• Evolving conditions
  – Monitoring conditions
    • Absolute increases
    • Actual v modelled increases
Avoid, remedy or mitigate effects?
What effects are acceptable?
Complex area – other things going on
  – What is the relevant base line?
  – What is to blame, if problems emerge?
The City Rail Link
The City Rail Link
Comments (2)

• Approach to conditions
• Traffic monitoring conditions
  – Conditions clearly specified mitigation
  – Movement hierarchy
  – No bus conditions
• Trip suppression
The City Rail Link
Comments (3)

• Don’t assume CRL conditions translate to other projects
Trends – Person Trips by Mode

- October 2015 – CRL works started
- July 2016 – Main works commenced on Albert and Customs Street Intersection
Trends – Vehicle Speeds
Trends – Travel Time

• Affected Routes August 2016
Thoughts

• Traffic model continues to provide a dependable prediction of outcomes for the various stages of works
• Traffic volumes predicted are slightly higher than currently observed
• Construction works within the CBD at all time high and CBD is still operating and function within expectation
Questions?

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