CROSS RIVER RAIL: BUILDING THE BUSINESS CASE

7th Annual Queensland Transport Infrastructure Conference

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OVERVIEW

- About Building Queensland
- Cross River Rail
  - Need and Scope
  - Business Case and Frameworks
  - Delivery Authority
- ETCS – Inner City
  - What is ETCS – Inner City
  - Business Case
  - Next Steps
- Transparency
ABOUT BUILDING QUEENSLAND (BQ)

- Statutory body providing independent expert advice on major infrastructure
- Infrastructure covering Govt. Depts, GOC’s and Statutory Authorities
- Assists with projects with capital cost between $50-100M
- Lead business cases for projects $100M+
- 8-Member Board—majority from private sector
- Helping Government make better informed infrastructure decisions.

Alan Millhouse  
Jacqui Walters  
Dr Catherin Bull  
Graham Hooper  
James Mackenzie  
Dave Stewart  
Jim Murphy  
Frankie Carroll
CROSS RIVER RAIL: THE NEED

- Will play a key role in alleviating congestion – rail and road
- Excessive crowding forecast by 2026
- SEQ population forecast to reach almost 5M by 2036
- 1.2M passengers per day across all public transport modes by 2036
- No major rail infrastructure in inner-city since 1996, no new river crossings since Merivale Bridge 1978
- Transformational city building project.
CROSS RIVER RAIL: THE SCOPE

- #1 Queensland Government infrastructure priority
- 10.2 km from Dutton Park to Bowen Hills
- 5.9 km tunnel under river
- 5 new stations.
CROSS RIVER RAIL: THE SCOPE

- Reliable network and better connected communities
- Albert St Station provides a better public transport catchment
- More services from outer suburbs, Sunshine Coast and Gold Coast
- Strong alignment with State Infrastructure Plan
- Classified as a High Priority Initiative on Infrastructure Australia’s recently released National Infrastructure Priority List.
BQ LEAD BUSINESS CASE

- BQ led business case with assistance from TMR and QR
- Utilising the BQ Frameworks for Business Case development, Cost Benefit Analysis and Social Impact Evaluation
- Business Case is determining amongst others:

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<td>Financial assessment</td>
<td>Procurement and delivery</td>
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- Leveraging the existing body of quality information to ensure efficient and cost effective development.
BQ FRAMEWORKS

Building robust Business Cases

Applying consistency to proposal development

Providing expert advice to government
CROSS RIVER RAIL: NEXT STEPS

- Actively engaging with bodies like the Dept. of Infrastructure and Regional Development (Cth) and Infrastructure Australia
- Market sounding is now complete – 18 interviews held
- Results will inform Business Case development
- Mindful of interstate activity
- Building Queensland will deliver the Business Case to the State Government by mid 2016.
Intention of State Government to establish an authority to deliver Cross River Rail
Seeking to involve participation from the Federal Government and BCC, along with the private sector
Focus will be on driving collaboration, innovation and coordination.
ETCS – INNER CITY
ETCS - INNER CITY: BUSINESS CASE

- European Train Control System (ETCS) Level 2
- Assessing feasibility of introducing New Generation Signalling (ETCS Level 2) to the inner city rail network
- Business Case developed in accordance with BQ Frameworks
- BQ-led project team includes TMR and QR.
WHAT IS ETCS LEVEL 2?

- Proven system internationally – moves from trackside systems to onboard systems
- Simplifies infrastructure by removing lineside signaling
- Provides greater capacity, improved safety, lower cost and enhanced features.
ETCS - INNER CITY: CONSIDERATIONS

- ETCS technology compatible with New Generation Rollingstock scheduled to be introduced into SEQ in late 2016
- ETCS - Inner City will provide incremental increase in capacity in the network in advance of Cross River Rail
- Cross River Rail would provide a step-change in capacity
- ETCS Level 2 de-risks that aspect of Cross River Rail.
ETCS - INNER CITY: NEXT STEPS

- Business Case is well underway
- Being tested through market sounding process
- Completed Business Case for Board endorsement mid year
- Queensland Government will determine funding options
- If approved, procurement and delivery to be led by QR.
TRANSPARENCY

- Building Queensland has legislated publication requirements
- CRR and ETCS - Inner City project summaries will be published on our website
- Cost Benefit Analysis will also be published
- Priority infrastructure document to be published every 6 months – due June 2016
- Visit: buildingqueensland.qld.gov.au
THANK YOU

buildingqueensland.qld.gov.au