Civil infrastructure standards update
Civil team

September 2017
THANK YOU!

• Thank you for the feedback on the civil infrastructure standards!
• All feedback to: standards@transport.nsw.gov.au
Light rail standards

- T LR CI 12500 ST *Civil Infrastructure Design Standards*
- T LR CI 12510 ST *Civil Requirements for Alignment Configuration*
- T LR CI 12520 ST *Civil Infrastructure Construction*
- T LR CI 12530 ST *Corridor Interface Requirements*
Updates to civil infrastructure standards

T MU CI 12140 GU *Geotechnical Instrumentation and Monitoring Guidelines, v1.0*
Guidance on the techniques and instruments that can be used for various geotechnical problems

T HR CI 12160 ST *Boundary Fences, v1.0*
Supersedes ESC 510 *Boundary Fences*, version 2.1

T HR CI 12051 ST *Development Near Rail Tunnels, v1.0*
Provides the technical requirements to assess and manage the risk associated with developments near existing rail tunnels.

- Technical note TN 026: 2017:
  - This technical note is issued by the ASA to notify the amendments to T HR CI 12051 ST *Development Near Rail Tunnels*, version 1.0
Updates to civil infrastructure standards (contd.)

ESC 340 Tunnels, v2.3

• Technical note TN 019: 2017:
  • Revised requirements for emergency telephones in tunnels
• Technical note TN 074: 2016:
  • Update to tunnel lighting requirements resulting from the publication of T HR SS 80001 ST *Infrastructure Lighting* and T HR SS 80003 ST *Infrastructure Emergency Lighting*
Risk standards

- T MU MD 20000 GU *Risk Tolerability, Quantified Risk Assessment and its Role in the Assurance of Change* (V2.0)
- T MU MD 20001 ST *System Safety Standard for New or Altered Assets* (V1.0)
- T MU MD 20002 ST *Risk Criteria for Use by Organisations Providing Engineering Services* (V1.0)
Current projects – 2017/18 development framework

- Standards transformation:
  - ESC 310 Underbridges
  - ESC 340 Tunnels
  - SPC 301 Structures Construction
  - T HR CI 12008 ST Load Rating of Underbridges (V1.0)
  - T HR CI 12130 ST Drainage (V1.0)
- Maritime space
  - Moorings