

GLOSSARY



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ACRONYMS AND ABBREVIATIONS		
ACRONYM	FULL DEFINITION	EXPLANATION
ABS	<u>A</u> ustralian <u>B</u> ureau of <u>S</u> tatistics	
ACH Act	<u>A</u> boriginal <u>C</u> ultural <u>H</u> eritage <u>A</u> ct 2003	
AL Act	<u>A</u> cquisition of <u>L</u> and <u>A</u> ct 1967	
ARTC	<u>A</u> ustralian <u>R</u> ail <u>T</u> rack <u>C</u> orporation	
ATO	<u>a</u> utomatic <u>t</u> rain <u>o</u> peration	The non-safety-critical component of an ATC system. ATO is the part that controls the acceleration, running and braking of trains automatically on information supplied.
ATP	<u>a</u> utomatic <u>t</u> rain <u>p</u> rotection	<i>ATP</i> is a generic name given to systems that predictively prevent trains from exceeding their limits of authority and from travelling too fast. An <i>ATP</i> system continuously monitors the speed of a train in relation to its route authorities and permitted speed profile, and intervenes such that a train is prevented from exceeding an <i>EOA</i> or target speed, through the application of either the train's Service or Emergency brake. <i>ATP</i> systems are considered safety-critical. Within <i>Queensland Rail</i> , the term <i>ATP</i> also denotes the <i>WESTECT ATP</i> System.
BaT	<u>B</u> us <u>a</u> nd <u>T</u> rain	Bus and Train Project
BCC	<u>B</u> risbane <u>C</u> ity <u>C</u> ouncil	
BCCMP	<u>B</u> risbane <u>C</u> ity <u>C</u> entre <u>M</u> aster <u>P</u> lan	Brisbane City Centre Master Plan 2014. Outlines a five-year implementation plan that identifies priority projects to facilitate investment in Brisbane's city centre.
BCR	<u>B</u> enefit <u>C</u> ost <u>R</u> atio	A decision support tool that considers quantified benefits compared to costs. Equal to the discounted benefits over the life of the project divided by the total of the discounted capital costs plus discounted operating and maintenance costs.
BEDP	<u>B</u> risbane <u>E</u> conomic <u>D</u> evelopment <u>P</u> lan 2012–2031	
BIRS	<u>B</u> risbane <u>I</u> nnner <u>R</u> ail <u>S</u> olution	Brisbane Inner Rail Solution (2012–2014). A program of works and initiatives to accommodate growth and address inner-city capacity constraints in the existing rail system
BLTIP	<u>B</u> risbane <u>L</u> ong <u>T</u> erm <u>I</u> nfrastructure <u>P</u> lan 2012-2031	Intended to guide the prioritisation and alignment of Brisbane's infrastructure as the city grows, and to provide a reference for other levels of government and the private sector.
BQ	<u>B</u> uilding <u>Q</u> ueensland	
BRS	<u>b</u> usiness <u>r</u> ate <u>s</u> upplement	
BTC	<u>B</u> risbane <u>T</u> ransit <u>C</u> entre	
BSTM – MM	<u>B</u> risbane <u>S</u> trategic <u>T</u> ransport <u>M</u> odel – <u>M</u> ulti <u>M</u> odel	Used for strategic transport planning in Brisbane.



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CASA	<u>C</u> ivil <u>A</u> viation <u>S</u> afety <u>A</u> uthority	
CBA	<u>c</u> ost <u>b</u> enefit <u>a</u> nalysis	A structured technique for assessing the economic efficiency of resource allocation by quantifying in money terms, the costs and benefits of a range of alternative project options.
CBD	<u>c</u> entral <u>b</u> usiness <u>d</u> istrict	Central business district of Brisbane
CEO	<u>c</u> hief <u>e</u> xecutive <u>o</u> fficer	
CETS	<u>C</u> ivil <u>E</u> ngineering <u>T</u> rack <u>S</u> tandard	
CGE	<u>c</u> omputable <u>g</u> eneral <u>e</u> quilibrium	
CPI	<u>c</u> onsumer <u>p</u> rice <u>i</u> ndex	
CRR	<u>C</u> ross <u>R</u> iver <u>R</u> ail	
CRRDA	<u>C</u> ross <u>R</u> iver <u>R</u> ail <u>D</u> elivery <u>A</u> uthority	
CRRDA Act	<u>C</u> ross <u>R</u> iver <u>R</u> ail <u>D</u> elivery <u>A</u> uthority <u>A</u> ct 2016	
CSEQ	<u>C</u> onnecting <u>S</u> outh <u>E</u> ast <u>Q</u> ueensland 2031	
Cth	<u>C</u> ommonwealth	
DBOM	<u>d</u> esign, <u>b</u> uild, <u>o</u> perate and <u>m</u> aintain	Design, build, operating and maintain contract
D&C	<u>d</u> esign and <u>c</u> onstruct or alternatively <u>d</u> ocument and <u>c</u> onstruct	A form of project and contractual delivery method whereby the Contractor is responsible for the design and construction of an asset generally based on a performance specification prepared by the Principal
DCM	<u>d</u> esign, <u>c</u> onstruct and <u>m</u> aintain	Design, construct and maintain contract
DDA	<u>D</u> isability <u>D</u> iscrimination <u>A</u> ct	<i>Disability Discrimination Act 1992</i> (Commonwealth)
DMI	<u>d</u> river- <u>m</u> achine <u>i</u> nterface	The driver's cab console in <i>ERTMS</i> , or in <i>ATP</i> systems generally. See <i>HMI</i> .
DILGP	<u>D</u> epartment of <u>I</u> nfrastructure <u>L</u> ocal <u>G</u> overnment and <u>P</u> lanning	
DSAPT	<u>D</u> isability <u>S</u> tandard for <u>A</u> ccessible <u>P</u> ublic <u>T</u> ransport (Queensland Government) –	Standard developed to assist public transport operators and providers to meet their obligations under the DDA.
DUS	<u>D</u> enver <u>U</u> nion <u>S</u> tation	The Denver Union Station project in Colorado, USA
DUSPA	<u>D</u> enver <u>U</u> nion <u>S</u> tation <u>P</u> roject <u>A</u> uthority	
ED Act	<u>E</u> conomic <u>D</u> evelopment <u>A</u> ct 2012	
EIS	<u>e</u> nvironmental <u>i</u> mpact <u>s</u> tatement	
EOI	<u>e</u> xpression <u>o</u> f <u>i</u> nterest	



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EP Act	<u>E</u> nvironmental <u>P</u> rotection <u>A</u> ct 1994	
EPBC Act	<u>E</u> nvironmental <u>P</u> rotection and <u>B</u> iodiversity <u>C</u> onservation <u>A</u> ct 1999	
ETCS	<u>E</u> uropean <u>T</u> rain <u>C</u> ontrol <u>S</u> ystem	The train control and protection layer of <i>ERTMS</i> : see http://www.ertms.net/home.aspx for details.
ETCS L2	<u>E</u> uropean <u>T</u> rain <u>C</u> ontrol <u>S</u> ystem <u>L</u> evel <u>2</u>	Level 2 is a variant of <i>ETCS</i> which does not require lineside signals but otherwise retains conventional signal interlocking and train detection. <i>Movement authorities</i> are transmitted direct to the train via GSM-R, with fixed, track-mounted balises used for position fixing.
FLS	<u>f</u> ire <u>l</u> ife <u>s</u> afety	
FTE	<u>f</u> ull-t <u>i</u> me <u>e</u> quivalent	
FTN	<u>f</u> ixed <u>t</u> elecommunications <u>n</u> etwork	
GCCC	<u>G</u> old <u>C</u> oast <u>C</u> ity <u>C</u> ouncil	
GOA	<u>g</u> rade <u>o</u> f <u>a</u> utomation	
GSP	<u>g</u> ross <u>s</u> tate <u>p</u> roduct	
GST	<u>g</u> oods and <u>s</u> ervices <u>t</u> ax	
ICRCS	<u>I</u> nn <u>e</u> r <u>C</u> ity <u>R</u> ail <u>C</u> apacity <u>S</u> tudy	Released in October 2008. Identified that the limited capacity of the inner-city rail network significantly constrains the number of additional trains that can be introduced on the rail lines servicing the region.
IS	<u>i</u> nfr <u>a</u> structure <u>s</u> ustainability	
ITALICS	<u>I</u> ntegrated <u>T</u> ransport and <u>L</u> and <u>U</u> se – <u>I</u> nn <u>e</u> r <u>C</u> ity <u>S</u> trategy, 2009	Considered capacity constraints faced by rail and bus and the difficulties faced with increased demand in and through the Brisbane CBD.
km	<u>k</u> ilomet <u>r</u> e	
km/h	<u>k</u> ilomet <u>r</u> es per <u>h</u> our	
KPI	<u>k</u> ey <u>p</u> erformance <u>i</u> ndicator	
LGA	<u>l</u> ocal <u>g</u> overnment <u>a</u> rea	
MCA	<u>m</u> ulti- <u>c</u> riteria <u>a</u> nalysis	
m ²	square metres	
NGR	<u>n</u> ew <u>g</u> eneration <u>r</u> ollingstock	
NPC	<u>N</u> et <u>P</u> resent <u>C</u> ost	The sum of the values on a given date of a series of future cash flows, discounted to reflect the time value of money and other factors such as investment risk of a series of outgoing cash flows.
NPV	<u>N</u> et <u>P</u> resent <u>V</u> alue	
NPV/I	<u>N</u> et <u>P</u> resent <u>V</u> alue per dollar <u>I</u> nvested	
NSW	<u>N</u> ew <u>S</u> outh <u>W</u> ales	



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PA	<u>P</u> rin <u>ce</u> s <u>s</u> <u>A</u> lex <u>an</u> dra	Princess Alexandra Hospital
PAF	<u>P</u> ro <u>je</u> ct <u>A</u> ss <u>es</u> s <u>me</u> nt <u>F</u> ra <u>m</u> e <u>w</u> o <u>r</u> k	The foundation framework for ensuring that project management is undertaken effectively across the Queensland Public Sector, and delivers value for money to the government from its significant investment in project activity.
PDA	<u>p</u> ri <u>o</u> ri <u>ty</u> <u>d</u> e <u>v</u> e <u>l</u> o <u>p</u> me <u>n</u> t <u>a</u> r <u>e</u> a	
PN	<u>P</u> aci <u>f</u> ic <u>N</u> ati <u>o</u> nal	A train operator owned by Asciano, which operates freight services throughout Australia, including on the <i>Queensland Rail</i> network.
PPP	<u>p</u> u <u>b</u> lic <u>p</u> ri <u>va</u> te <u>p</u> ar <u>tn</u> er <u>s</u> h <u>i</u> p	PPP delivery model where the private sector delivers the project including traffic demand risk. In general terms any number of a range of relational contract arrangements between the public and private sectors. Often used more specifically to describe an arrangement that includes long-term private sector involvement in public sector infrastructure through equity risk i.e. either partly or fully funded by the private sector.
PV	<u>p</u> re <u>s</u> e <u>n</u> t <u>v</u> al <u>u</u> e	
QAS	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u> <u>A</u> mb <u>u</u> lance <u>S</u> er <u>v</u> ic <u>e</u>	
QFES	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u> <u>F</u> ir <u>e</u> and <u>E</u> mer <u>g</u> en <u>c</u> y <u>S</u> er <u>v</u> ic <u>e</u> s	
Qld	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u>	The State of Queensland within the Commonwealth of Australia
QPP	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u> <u>P</u> ro <u>c</u> u <u>r</u> e <u>m</u> en <u>t</u> <u>P</u> o <u>l</u> ic <u>y</u>	
QR		QR Limited: the former Queensland Government owned company, separated into <i>Queensland Rail</i> and <i>QR National</i> in 2010.
QTRIP	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u> <u>T</u> ra <u>n</u> s <u>p</u> o <u>r</u> t and <u>R</u> o <u>a</u> d <u>s</u> <u>I</u> n <u>v</u> e <u>s</u> t <u>m</u> e <u>n</u> t <u>P</u> ro <u>g</u> r <u>a</u> m	Queensland Transport and Roads Investment Program 2015–16 to 2018–19. Outlines the commitment to delivering an integrated, safe and efficient transport system and details the current transport and road projects the Queensland Government plans to deliver over the next four years.
QUT	<u>Q</u> ue <u>n</u> s <u>l</u> an <u>d</u> <u>U</u> n <u>i</u> ve <u>r</u> s <u>i</u> t <u>y</u> of <u>T</u> e <u>c</u> h <u>n</u> o <u>l</u> o <u>g</u> y	
QWB	<u>Q</u> ue <u>e</u> n's <u>W</u> h <u>a</u> r <u>f</u> <u>B</u> ri <u>s</u> b <u>a</u> n <u>e</u>	
RACAS	<u>R</u> ail <u>A</u> ss <u>es</u> s <u>me</u> nt of <u>C</u> ap <u>a</u> c <u>i</u> t <u>y</u> <u>A</u> l <u>t</u> e <u>r</u> n <u>a</u> t <u>i</u> v <u>e</u> s <u>S</u> t <u>u</u> d <u>y</u>	Commissioned in 2008 by the then Queensland Transport and TransLink Transit Authority. Sought to identify and investigate the feasibility, impact, cost and capacity benefit of operating policy options and any associated infrastructure measures to improve rail capacity.
RBC	<u>r</u> adi <u>o</u> <u>b</u> l <u>o</u> ck <u>c</u> en <u>t</u> re	In an <i>ETCS</i> Level 2 and Level 3 system, a centralised processor unit which receives route data from signal interlockings and train position information via <i>GSM-R</i> radio, and which issues <i>movement authorities</i> to trains.
RBWH	<u>R</u> oyal <u>B</u> ri <u>s</u> b <u>a</u> n <u>e</u> and <u>W</u> o <u>m</u> e <u>n</u> 's <u>H</u> o <u>s</u> p <u>i</u> t <u>a</u> l	



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RfPC EMP	<u>R</u> equest for <u>P</u> roject <u>C</u> hange Draft Outline <u>E</u> nvironmental <u>M</u> anagement <u>P</u> lan	
RFP	<u>r</u> equest for <u>p</u> roposal	
RSNL	<u>R</u> ail <u>S</u> afety <u>N</u> ational <u>L</u> aw (South Australia) Act 2012	
RTD	<u>R</u> egional <u>T</u> ransportation <u>D</u> istrict	A United States Government Agency
SCMP	<u>s</u> afety <u>c</u> hange <u>m</u> anagement <u>p</u> lan	
SDPWO	<u>S</u> tate <u>D</u> evelopment and <u>P</u> ublic <u>W</u> orks <u>O</u> rganisation Act 1971	
SEQ	<u>S</u> outh <u>E</u> ast <u>Q</u> ueensland	
SEQCI	<u>S</u> outh <u>E</u> ast <u>Q</u> ueensland <u>C</u> apacity <u>I</u> mprovement Project (2014)	
SEQRP	<u>S</u> outh <u>E</u> ast <u>Q</u> ueensland <u>R</u> egional <u>P</u> lan 2009–2031	
SIE	<u>s</u> ocial <u>i</u> mpact <u>e</u> valuation	
SIP	<u>S</u> tate <u>I</u> nfrastructure <u>P</u> lan	
TBM	<u>t</u> unnel <u>b</u> oring <u>m</u> achine	
TMR	Queensland Department of <u>T</u> ransport and <u>M</u> ain <u>R</u> oads	
TMS	<u>t</u> raffic <u>m</u> anagement <u>s</u> ystem	The system provided to the Network Controller to control and monitor the rail network.
TOC	<u>t</u> arget <u>o</u> utturn <u>c</u> ost	
Tph	<u>t</u> rains <u>p</u> er <u>h</u> our	
UK	<u>U</u> nited <u>K</u> ingdom	
UN	<u>U</u> nited <u>N</u> ations	
UQ	The <u>U</u> niversity of <u>Q</u> ueensland	
US	<u>U</u> nited <u>S</u> tates of America	
VOC	<u>v</u> ehicle <u>o</u> perating <u>c</u> osts	
WEBS	<u>W</u> ider <u>E</u> conomic <u>B</u> enefits	

