

Glossary and Abbreviations

TERM	EXPLANATION
AGV Automated guided vehicle or automatic guided vehicle	An automated guided vehicle is a battery powered vehicle that is controlled and operated with the help of automated technological systems and equipment instead of manual (driver-based) operations. The automated systems include: wires and radio frequencies, magnetic directional tape; and lasers and retroreflective devices.
AMC Australian Marine Complex	The Australian Marine Complex was established in 2003 and encompasses an area of 420 hectares. This facility supports marine, defence, oil and has and mining service activities, such as manufacturing, fabrication, assembly, technology, repair, maintenance and servicing capabilities.
Blue Highway	Blue Highway is where containers are shipped on smaller, shallow draft vessels to a second port for intermodal handling.
BORR Bunbury Outer Ring Road	The proposed Bunbury Outer Ring Road is a 27 kilometre section of highway connecting Forrest Highway to Bussell Highway consisting of northern, central and southern sections. The northern and southern sections have not been built, however funds have been allocated to complete the project.
Cockburn Triangle	Located in the City of Cockburn, this is a section of railway where three rail tracks converge so that trains can go in any direction from one track onto another.
HPV Higher productivity vehicle	Higher productivity vehicles are truck and trailer combinations that provide the ability to move more freight. Many HPVs are designed for specific tasks and can deliver an increased payload of up to 25% per truck.
IMT Intermodal terminal	An intermodal terminal is a facility along the freight supply chain that is the connecting interface point between the rail network and customer-facing operations. It provides for the transfer of freight from one mode of transport to another (e.g. rail to road, ship to rail).
KIA Kwinana Industrial Area	The Kwinana Industrial Area is an area of 1,400 hectares that houses a wide range of heavy industries, including five refineries and fabrication and construction enterprises. It includes the Kwinana Bulk Terminal and Kwinana Bulk Jetty that are operated by Fremantle Ports. There are also three private jetties handling alumina (Alcoa), oil (BP) and grain (CBH).

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Lat32 Latitude 32 Industry Zone	Latitude 32 is an industrial area of 1,400 hectares bound by Cockburn Cement's quarrying and batching operations to the north, Anketell Road to the south, Rockingham Road to the west, and the rural areas of Mandogalup and Wattleup to the east.
MCA Multi criteria analysis	A multi-criteria analysis is a systematic decision-making tool used to evaluate a series of options. Defined sets of assessment criteria with different weights are used to analyse and score the performance of each option. The weighted scores enable the options to be ranked by overall performance which helps determine which options are most suitable. Infrastructure Australia recommends the MCA method as part of an assessment framework for determining the best infrastructure solutions.
NQRT North Quay Rail Terminal	NQRT is rail infrastructure located at Fremantle Port which services the container trade. NQRT allows for container handling and transport to and from the Fremantle wharves.
Rail duplication	Rail duplication expands a single track railway into a double track, providing two lines for rail traffic movement. This improves efficiency by allowing two trains to pass each other without one of those trains needing to stop at a passing loop.
TEU Twenty-foot equivalent unit	The most common container sizes for international shipping are 20-foot and 40-foot. TEU is used as a standard measure for the capacity of a container ship, the capacity of a port and the volume of container trade. For a standard measure, 40-foot containers are converted into 20-foot container equivalents, so one 40-foot container is counted as two 20-foot containers or 2 TEU.