

Key Freight Routes

Road Expenditure and Investment Plans
2016-17 to 2019-20

Victoria



Introduction

At the May 2014 meeting of the Transport and Infrastructure Council, state, territory and Commonwealth transport Ministers agreed to implement a series of measures to improve the heavy vehicle investment and charging framework. One of the initial measures agreed by transport Ministers was to publish road expenditure plans. The measure would allow the heavy vehicle industry to better understand and participate in new investment decisions and price setting processes.

Publishing road expenditure plans represents a critical step towards reform of heavy vehicle charging arrangements in Australia. This is because transparency around future road expenditure is a key precursor to implementing direct charging.

Road Expenditure and Investment Plans 2016-17 to 2019-20 is the second time that Road and Investment plans have been produced, following the publication of the first versions in early 2016. The plans cover the Key Freight Routes, which are the roads connecting nationally significant places for freight in Australia.

The delivery of the expenditure plans is the culmination of a concerted and coordinated effort between state, territory and the Commonwealth Governments.

The plans are updated on an annual basis, with improvements and refinements being made as this work progresses. In the longer term, the expenditure plans will support the next phase of heavy vehicle road reform, moving to a forward looking cost base, that will allow heavy vehicle charges to be set based on the future needs of users, rather than the past spending decisions of governments as is currently the case.

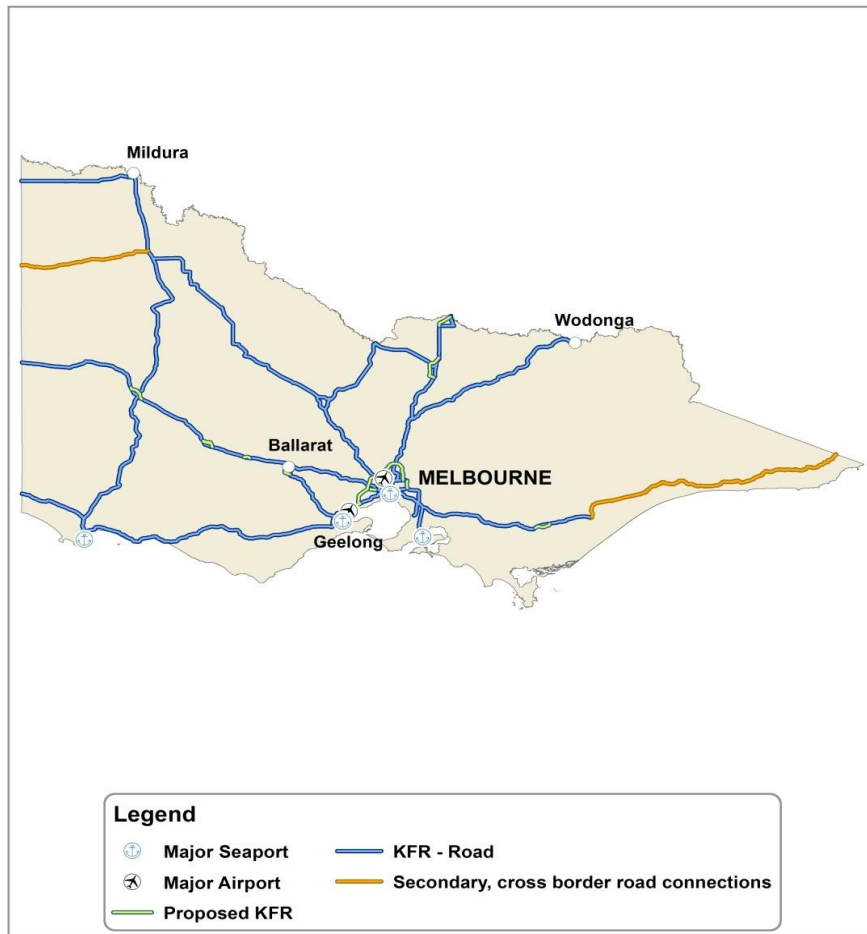
Disclaimer

Please note that while every attempt has been made to provide up to date and accurate data, any information should be considered indicative and subject to change.

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Victoria: Key Freight Routes



Key statistics

- VicRoads manages 22,500 kilometres of freeways and arterial roads in Victoria, valued at around \$27 billion.
- The Victorian arterial road network carries approximately 350 million tonnes of freight.
- Almost all goods in the metropolitan area and more than 80 per cent of goods in country Victoria are transported by road.
- The trend in truck vehicle kilometres travelled in Melbourne shows an increase of around 428 million kilometres in the ten years to 2012-2013.

Overview of Expenditure and Investment

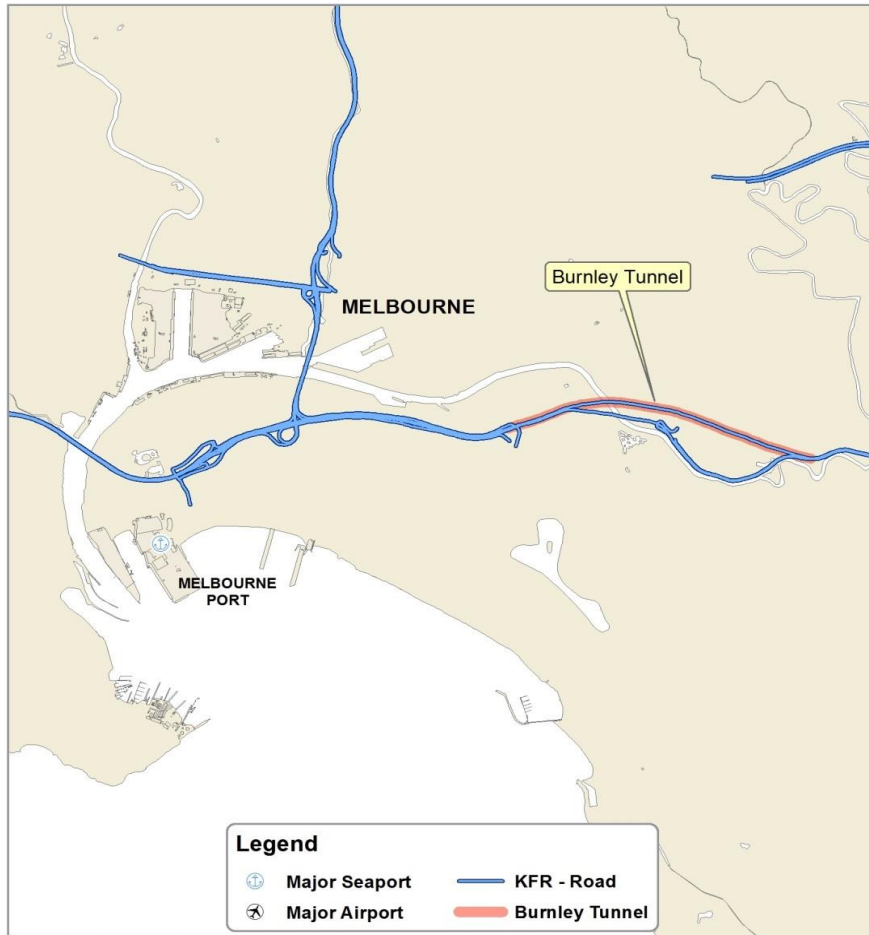
2016–17 approved	(\$m)	767.39
2017–18 indicative	(\$m)	683.11
2018–19 indicative	(\$m)	497.81
2019–20 indicative	(\$m)	189.19
Total	(\$m)	2,137.50

Planned Expenditure and Investment

Route	2016-17 approved (\$m)	2017-18 indicative (\$m)	2018-19 indicative (\$m)	2019-20 indicative (\$m)	Total 2016-17 to 2019-20 indicative (\$m)
Burnley Tunnel					
Calder Highway / Freeway	51.74	32.64	17.67	19.82	121.87
Dandenong - Hastings Road	2.83	2.92	2.79	0.67	9.21
EastLink					-
Eastern Freeway	10.45	10.75	11.11	4.84	37.15
Echuca – Mooroopna Road	0.02	0.02	0.02	0.02	0.08
Goulburn Valley Way	19.22	8.09	3.56	3.19	34.06
Henty Highway	6.56	6.95	7.41	3.35	24.27
Hume Freeway	22.67	15.86	16.39	11.73	66.65
Mallee Highway	1.25	1.59	1.63	1.19	5.66
Mclvor Highway	0.08	0.08	0.08	0.08	0.32
Midland Highway	28.51	27.78	24.87	6.87	88.03
Monash Freeway	26.26	18.17	21.15	10.56	76.14
Murray Valley Highway	1.77	3.69	0.92	0.40	6.78
Northern Highway	0.81	0.81	0.81	0.82	3.25
Outer Metropolitan Ring Road (E6)					-
Princes Highway / Freeway	173.27	177.46	168.63	59.36	578.72
Sturt Highway	1.68	1.71	2.26	1.35	7.00
Sunraysia Highway	2.58	1.83	1.89	1.64	7.94
Tullamarine Freeway	204.16	157.13	27.45	41.93	430.67
West Gate Freeway	7.38	10.62	5.08	3.24	26.32
Western Highway / Freeway	109.73	99.67	20.14	9.18	238.72
<i>(continued)</i>					

Route	2016-17 approved (\$m)	2017-18 indicative (\$m)	2018-19 indicative (\$m)	2019-20 indicative (\$m)	Total 2016-17 to 2019-20 indicative (\$m)
Western Port Highway	0.13	0.13	0.13	0.11	0.50
Western Ring Road	96.30	105.20	163.82	8.84	374.16
Total	767.39	683.11	497.81	189.19	2,137.50

Burnley Tunnel



Key statistics

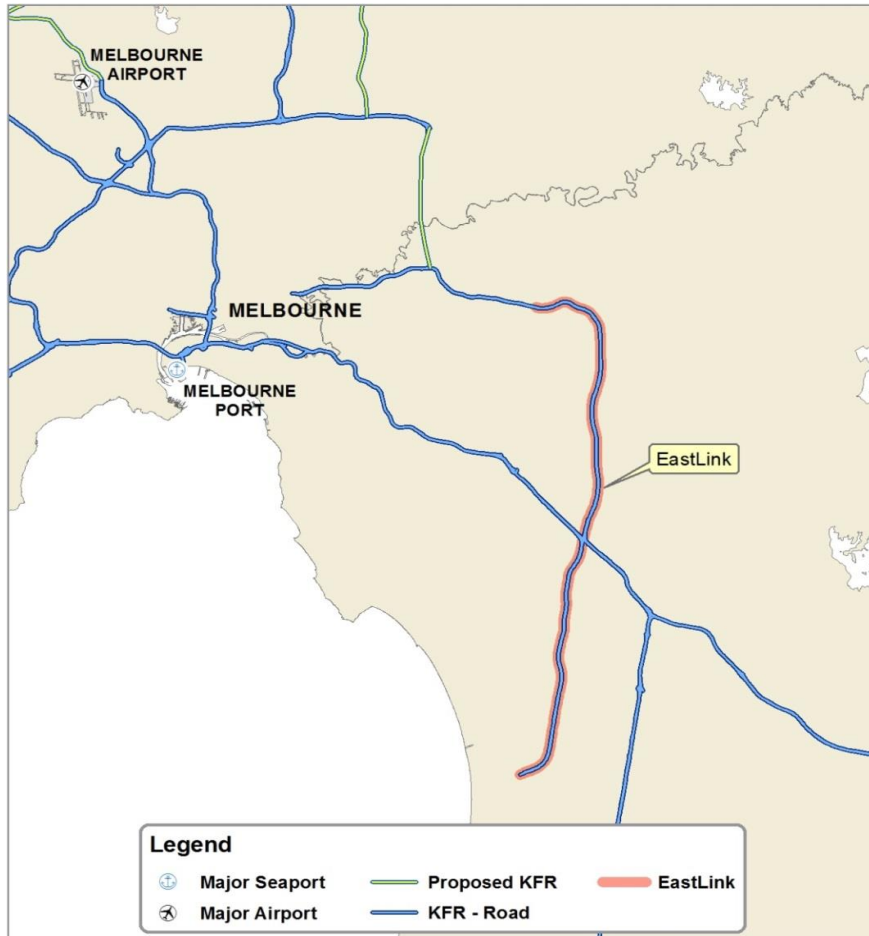
- The Burnley Tunnel is 3.4 kilometres in length and carries three lanes of traffic east bound through Melbourne.
- The tunnel is part of the CityLink tollway which runs through Melbourne.

Overview of Expenditure and Investment*

2016–17 approved	(\$m)
2017–18 indicative	(\$m)
2018–19 indicative	(\$m)
2019–20 indicative	(\$m)
Total	(\$m)

* Burnley Tunnel is a private toll road, VicRoads is not aware of any planned expenditure in the period 2015-16 to 2018-19

Calder Highway



Key statistics

- This route provides a link between Melbourne, Gisborne, Woodend, Bendigo, Wycheproof, Ouyen, Mildura, south-western New South Wales and Broken Hills.
- Key commodities moved along this route include livestock, horticultural goods, fuel and fertiliser, minerals and general freight.

Overview of Expenditure and Investment

2016–17 approved	(\$m)	51.74
2017–18 indicative	(\$m)	32.64
2018–19 indicative	(\$m)	17.67
2019–20 indicative	(\$m)	19.82
Total	(\$m)	121.87

Calder Highway: Planned Expenditure and Investment*

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Calder Highway - Ravenswood Interchange	Ravenswood	Grade separated interchange	86.00	41.00	45.00	36.10	13.74	4.81	10.97
Calder Highway	Ravenswood to Big Hill	Run off road crash treatment	-	^	-	-	-	-	-
Calder Highway - Jock Comini Rest Area Upgrade	Ravenswood	New truck rest area parking	6.00	4.50	1.50	1.20	4.12	0.37	-
Calder Highway - Overtaking Lane at Nowingi	North of Hattah	Overtaking lane	2.50	0.63	1.88	0.73	0.01	-	0.55
Calder Highway	Mildura	Safety improvements	-	#	-	-	-	-	-
Calder Highway	Calder Highway - Replacement of "Ice Warning" signs	Upgrade Existing ITS Assets	0.15	0.15#	-	0.14	-	-	-
Calder Highway	Bendigo-Maryborough Roads intersection	Rural Roundabout.	3.36	3.36#	-	0.86	2.50	-	-
Calder Highway	Calder Highway	Traffic Signal	0.72	0.72#	-	0.64	-	-	-
Subtotal project expenditure			98.73	54.36	48.38	39.68	20.37	5.18	11.52

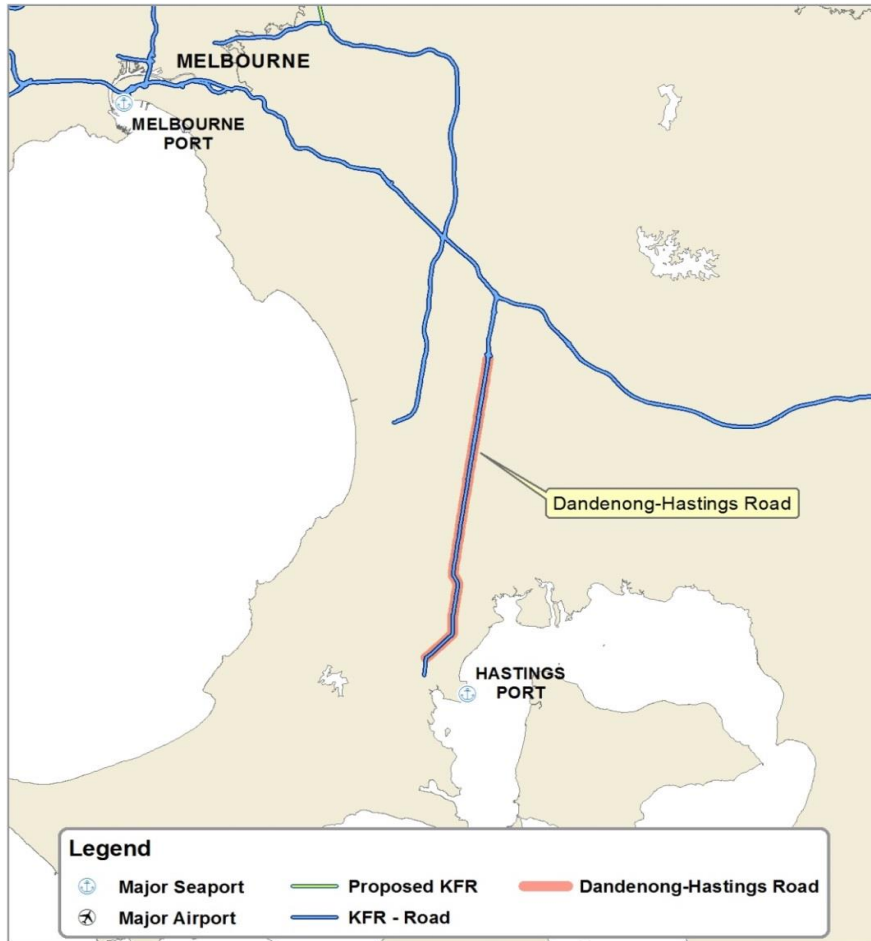
*Includes Calder Alternative Highway

^Funded by the Transport Accident Commission, Victoria

Funded by the Transport Accident Commission, Victoria

Other expenditure							
Maintenance				7.86	7.99	8.14	8.30
Rehabilitation				4.20	4.28	4.35	-
<i>Subtotal other expenditure</i>				<i>12.06</i>	<i>12.27</i>	<i>12.49</i>	<i>8.30</i>
Total	98.73	54.36	48.38	51.74	32.64	17.67	19.82

Dandenong-Hastings Road



Key statistics

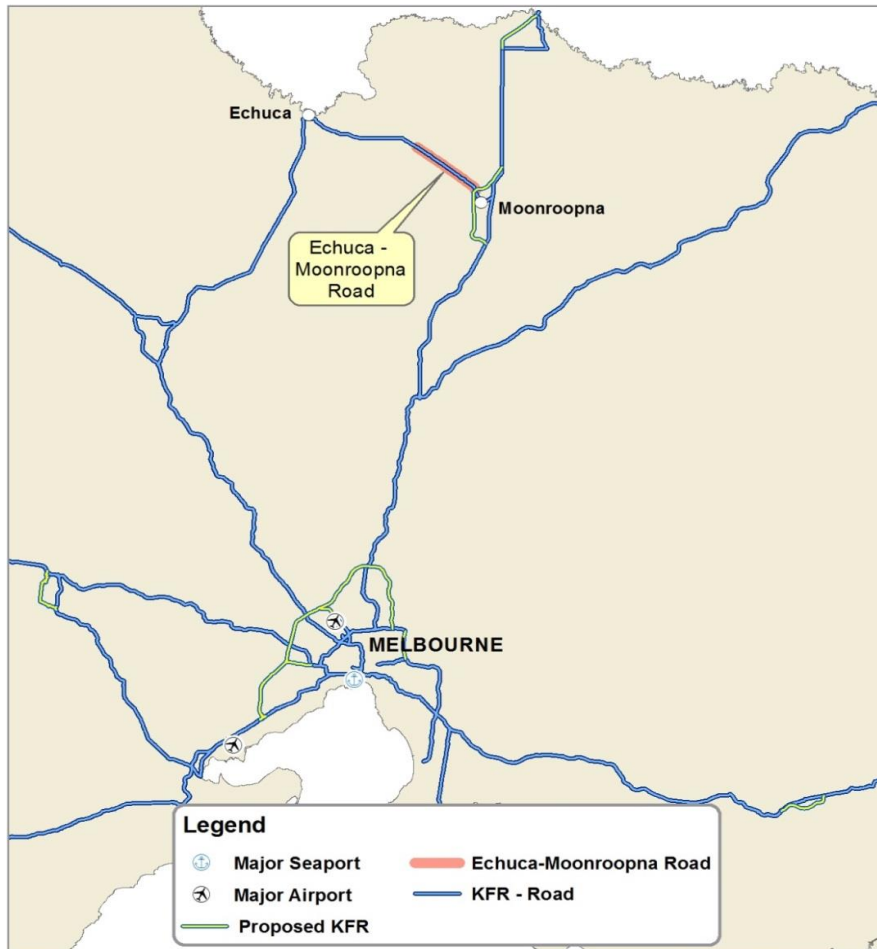
- The Dandenong-Hastings Road provides a key link into the Port of Hastings, Mornington Peninsula and Western Port.
- Key commodities moved along this route include petroleum, livestock such as cattle and poultry, horticultural products and manufactured goods.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	0.62	0.64	0.66	0.67
Rehabilitation	2.21	2.28	2.13	-
Total	2.83	2.92	2.79	0.67

* There is no project expenditure planned for this route.

Eastern Freeway



Key statistics

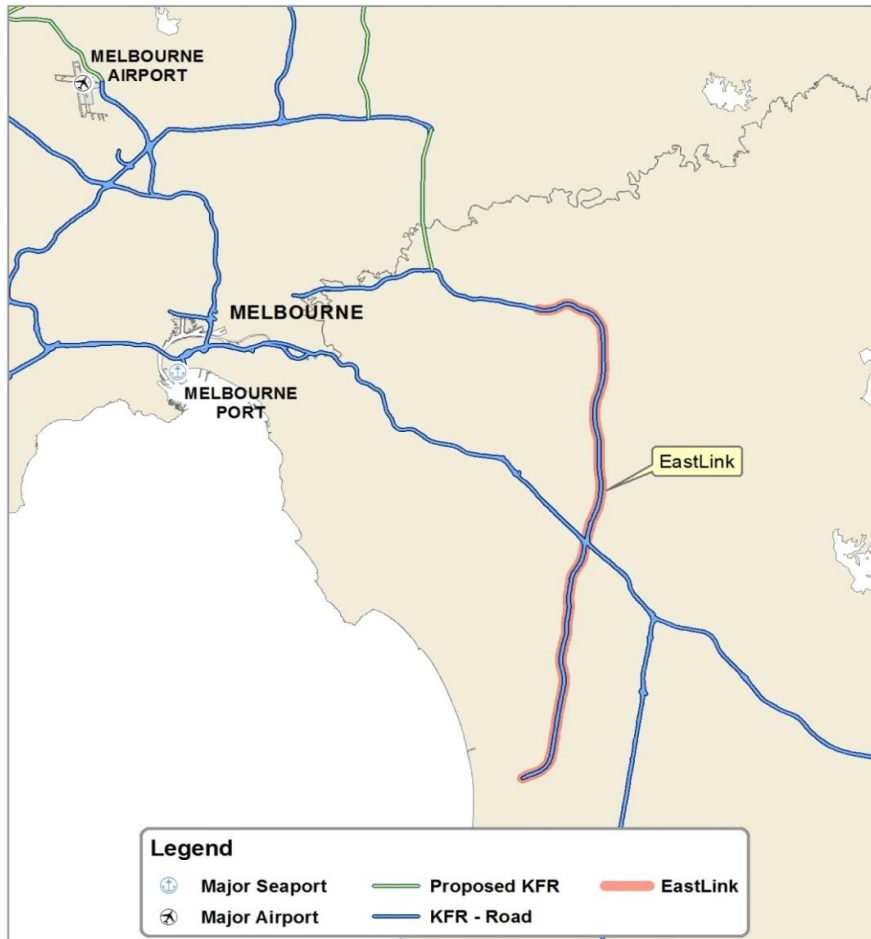
- The Eastern Freeway connects the inner suburbs of Melbourne to the EastLink tollway.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	4.55	4.64	4.75	4.84
Rehabilitation	5.90	6.11	6.36	-
Total	10.45	10.75	11.11	4.84

* There is no project expenditure planned for this route.

EastLink



Key statistics

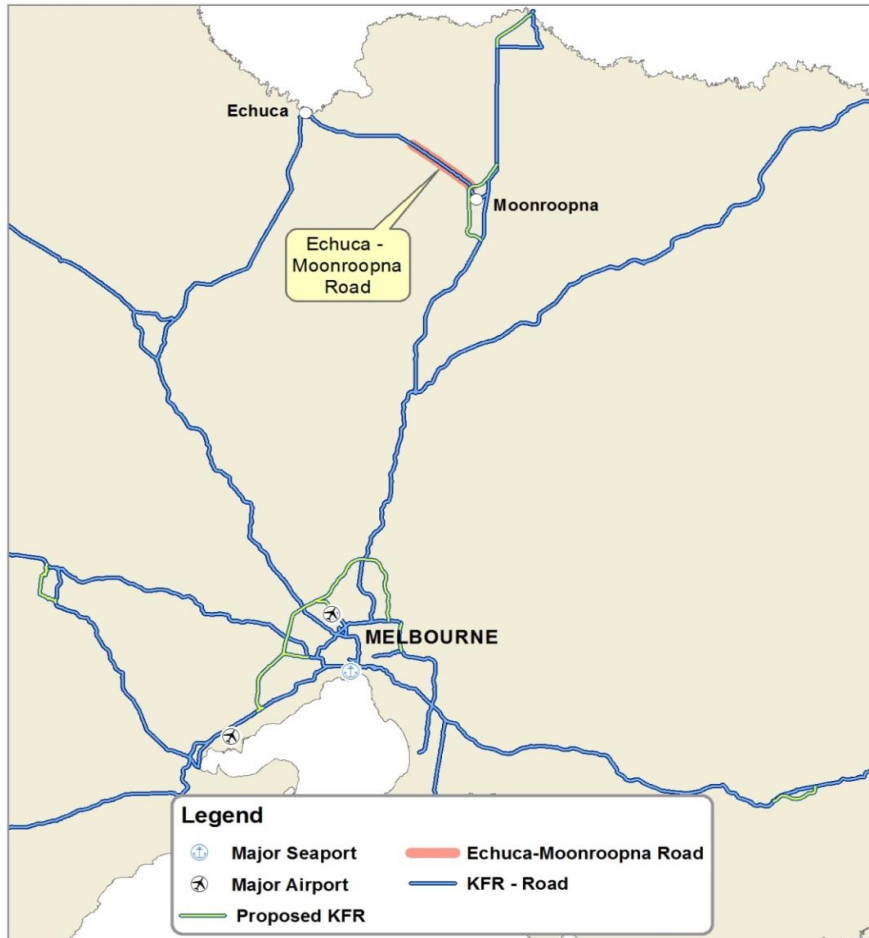
- EastLink is a 39 kilometre motorway which connects the Eastern, Monash, Frankston and Peninsula Link freeways.
- EastLink was first opened in 2008 and is owned and operated by ConnectEast.
- There are 17 interchanges, 88 bridges and six kilometres of untolled connecting roads along EastLink.

Overview of Expenditure and Investment*

2016–17 approved	(\$m)
2017–18 indicative	(\$m)
2018–19 indicative	(\$m)
2019–20 indicative	(\$m)
Total	(\$m)

* EastLink is a private toll road. VicRoads is not aware of any planned expenditure in the period 2015-16 to 2018-19.

Echuca – Moonroopna Road



Key statistics

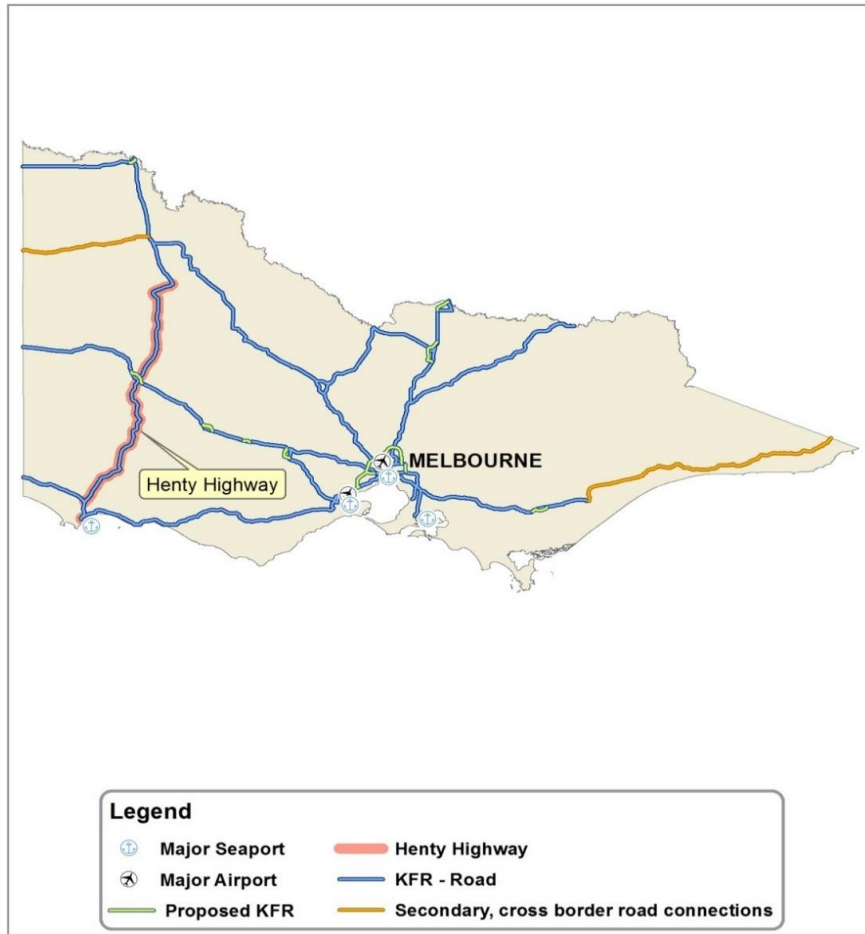
- This road provides a key link between the southern New South Wales Riverina and Shepparton.
- Key commodities moved along this route include livestock, horticultural goods and manufactured goods.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	0.02	0.02	0.02	0.02
Total	0.02	0.02	0.02	0.02

* There is no project expenditure planned for this route.

Goulburn Valley Highway



Key statistics

- The Goulburn Valley Highway is a key route linking Melbourne and Brisbane and the western New South Wales, Riverina and Goulburn Valley regions.
- Key commodities moved along this route include grain, hay, manufactured goods, livestock and horticultural products such as fruit, grapes and vegetables.

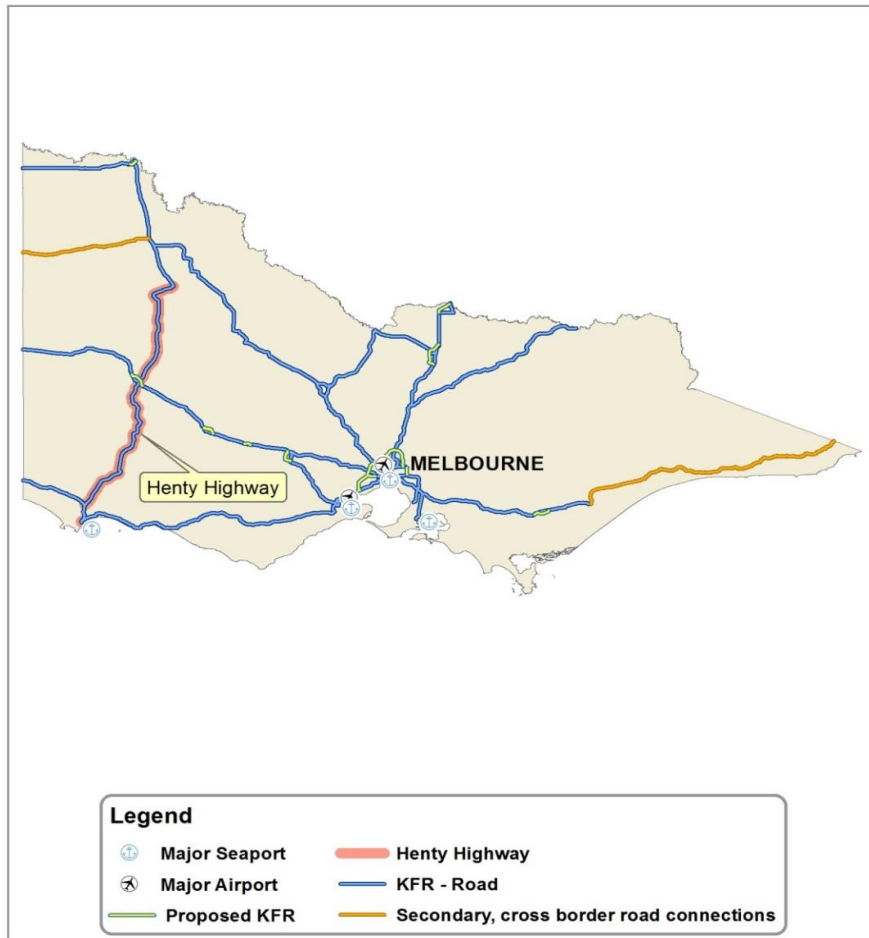
Overview of Expenditure and Investment

2016–17 approved	(\$m)	19.22
2017–18 indicative	(\$m)	8.09
2018–19 indicative	(\$m)	3.56
2019–20 indicative	(\$m)	3.19
Total	(\$m)	34.06

Goulburn Valley Highway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Goulburn Valley Highway - Shepparton to Tocumwal Bridge Strengthening	Shepparton to Tocumwal	Bridge strengthening	4.20	0.84	3.36	2.19	1.49	-	-
Goulburn Valley Highway	Proposal for safe system treatment of road to avoid and minimise the intensity of accidents	Safety Improvements	18.50	18.50	-	13.46	3.15	-	-
Goulburn Valley Highway	Various Locations	Pavement Rehabilitation	1.13	1.13	-	0.21	0.00	-	0.07
<i>Subtotal project expenditure</i>			<i>23.83</i>	<i>20.47</i>	<i>3.36</i>	<i>15.86</i>	<i>4.64</i>	<i>-</i>	<i>0.07</i>
Other expenditure									
Maintenance						2.90	2.97	3.06	3.12
Rehabilitation						0.46	0.48	0.50	-
<i>Subtotal other expenditure</i>						<i>3.36</i>	<i>3.45</i>	<i>3.56</i>	<i>3.12</i>
Total			23.83	20.47	3.36	19.22	8.09	3.56	3.19

Henty Highway



Key statistics

- The Henty Highway extends north from Portland on the south coast of Victoria to Lascelles in the Mallee region, a length of 357 kilometres.
- It provides a vital link between communities in the western region of Victoria and links the Mildura, Sunraysia, Wimmera and Mallee regions with the south west coast.
- Key commodities moved along this route include livestock, horticultural products, grain, hay, timber, mineral sands and fertiliser.

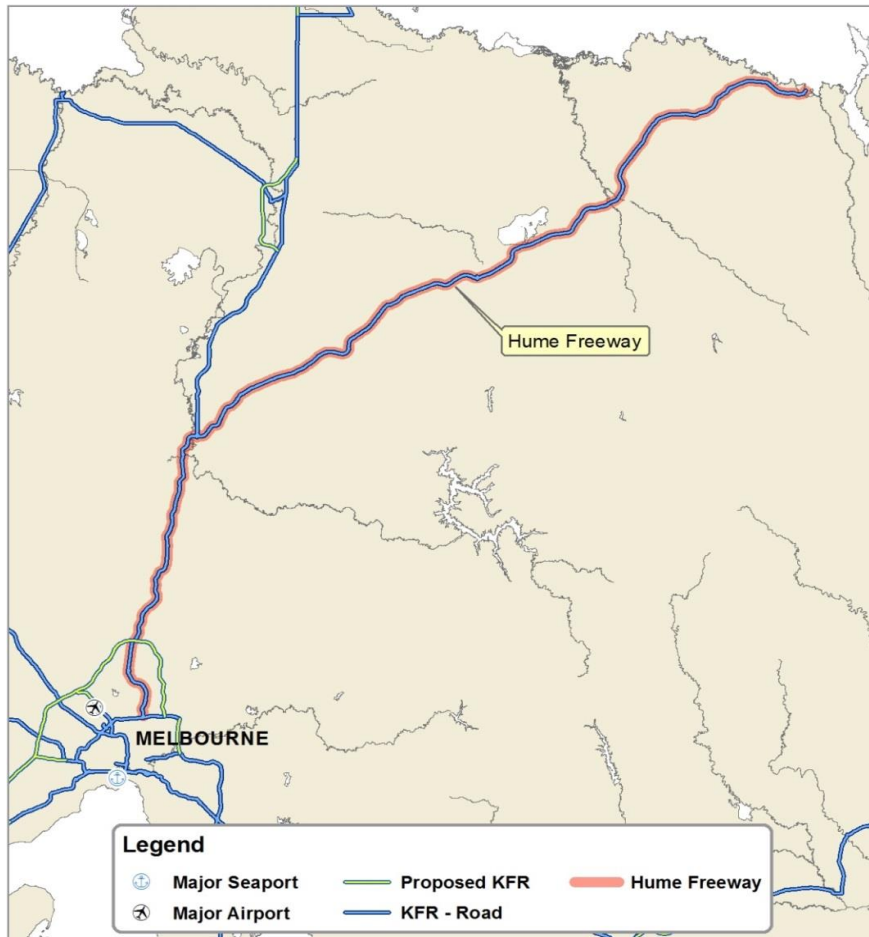
Overview of Expenditure and Investment

2016–17 approved	(\$m)	6.56
2017–18 indicative	(\$m)	6.95
2018–19 indicative	(\$m)	7.41
2019–20 indicative	(\$m)	3.35
Total	(\$m)	24.27

Henty Highway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Henty Highway – Horsham to Warracknabeal Upgrade	Horsham to Warracknabeal	Pavement Rehabilitation	4.00	1.00	3.00	0.14	-	-	-
Henty Highway Pavement	Various Locations	Pavement Rehabilitation	1.63	1.63	-	1.23	0.40	-	-
Henty Highway Section 1	Portland	Bridge construction	-	4.22	-	0.02	-	-	-
<i>Subtotal project expenditure</i>			<i>1.63</i>	<i>5.85</i>	<i>-</i>	<i>1.25</i>	<i>0.40</i>	<i>-</i>	<i>-</i>
Other expenditure									
Maintenance						4.30	3.94	3.29	3.35
Rehabilitation						1.01	2.61	4.12	-
<i>Subtotal other expenditure</i>						<i>5.31</i>	<i>6.55</i>	<i>7.41</i>	<i>3.35</i>
Total			1.63	5.85	-	6.56	6.95	7.41	3.35

Hume Freeway



Key statistics

- The Hume Freeway provides a direct link between Melbourne and Sydney and connects the key cities and regions of Seymour, Benalla, Wangaratta and Albury-Wodonga.
- Within Victoria, the Hume Freeway extends 298 kilometres from Melbourne to the New South Wales border at Wodonga.

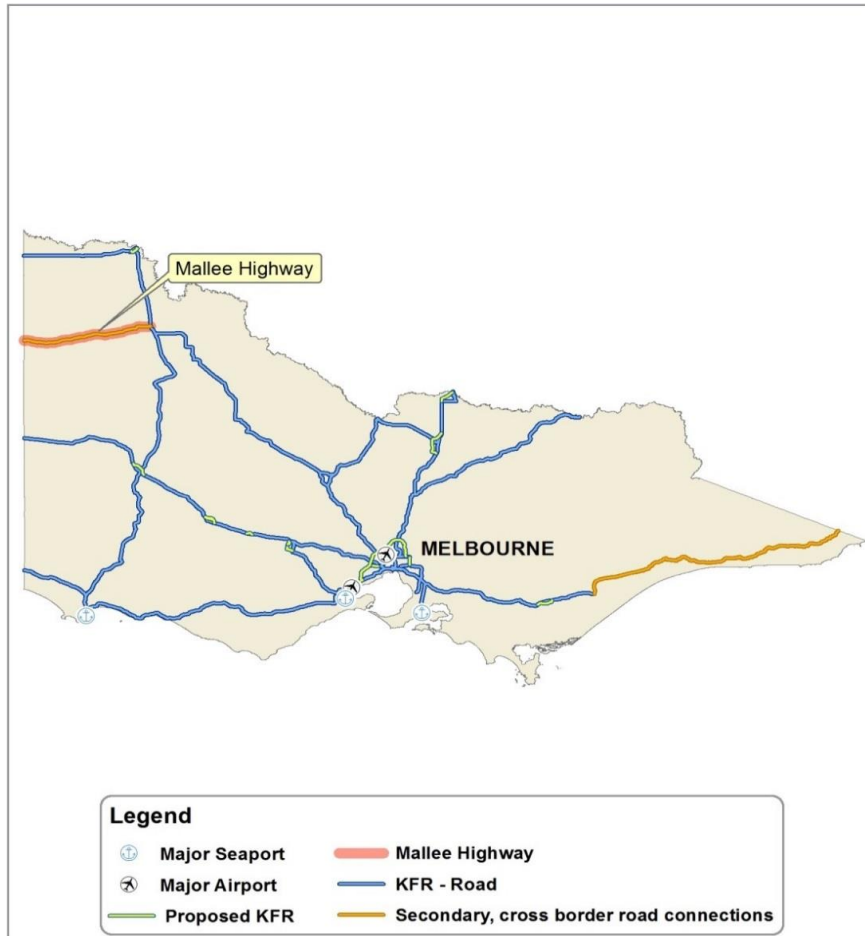
Overview of Expenditure and Investment

2016–17 approved	(\$m)	22.67
2017–18 indicative	(\$m)	15.86
2018–19 indicative	(\$m)	16.39
2019–20 indicative	(\$m)	11.73
Total	(\$m)	66.65

Hume Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Hume Freeway – Tallarook to Chiltern Bridge Strengthening	Tallarook to Chiltern	Bridge strengthening	7.60	1.52	6.08	5.66	-	-	-
Hume Freeway Truck Rest Area Vacancy Information System	Wodonga to Benalla	Truck rest area vacancy information system	4.04	2.02	2.02	1.99	0.04	0.04	0.04
Hume Freeway Rest Area Upgrade	Flat Rock	Rest area upgrade	1.84	0.88	0.96	0.03	-	-	-
Hume Freeway	Northbound & Southbound carriageways continuous barrier LHS & RHS	Safety Improvements	15.70	15.70	-	14.50	1.20	-	-
Hume Freeway	Various Locations	Pavement Rehabilitation	3.31	3.31	-	1.86	0.10	-	-
Hume Freeway - Glenrowan Rest Area Upgrade	Glenrowan	Rest area upgrade	1.84	0.46	1.38	0.02	-	-	-
<i>Subtotal project expenditure</i>			<i>13.48</i>	<i>4.42</i>	<i>9.06</i>	<i>7.68</i>	<i>0.04</i>	<i>0.04</i>	<i>0.04</i>
Other expenditure									
Maintenance						10.78	11.09	11.47	11.69
Rehabilitation						4.21	4.73	4.88	-
<i>Subtotal other expenditure</i>						<i>14.99</i>	<i>15.82</i>	<i>16.35</i>	<i>11.69</i>
Total			13.48	4.42	9.06	22.67	15.86	16.39	11.73

Mallee Highway



Key statistics

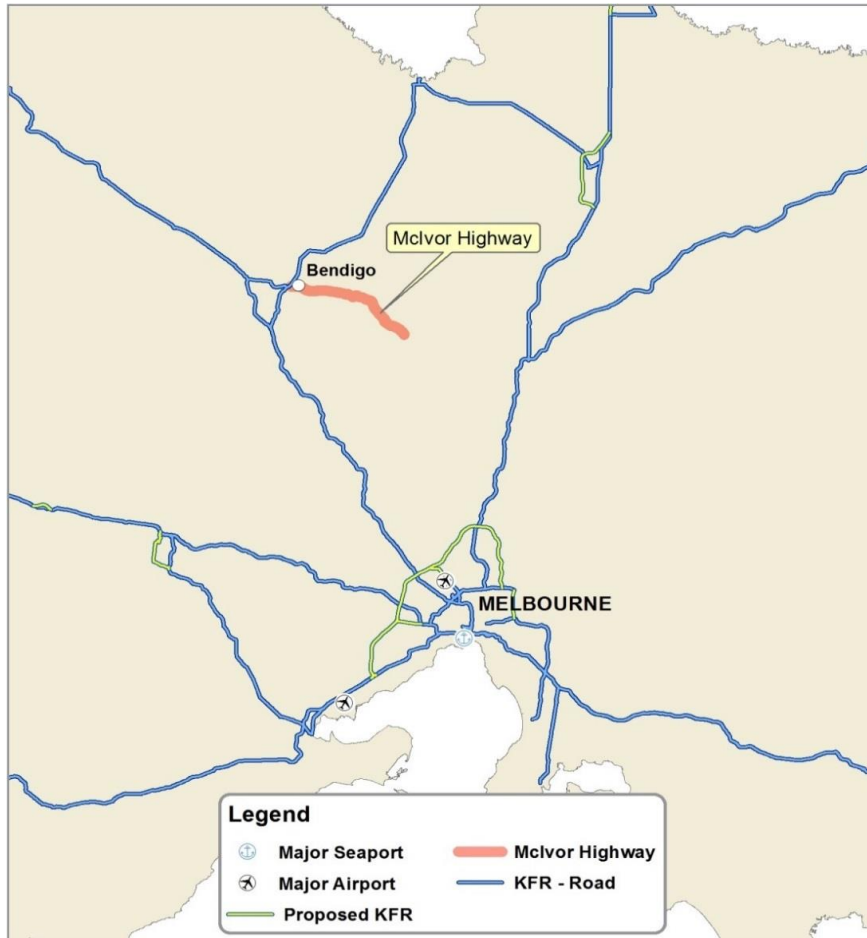
- The Mallee Highway is a significant east-west link between New South Wales and South Australia, via Ouyen.
- The 227 kilometre route extends from the Murray River at Tooleybuc to the South Australian border near Pinnaroo.
- Key commodities moved along this route include livestock, horticultural products, grain and hay, general freight and quarry products.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	1.10	1.13	1.17	1.19
Rehabilitation	0.15	0.46	0.46	-
Total	1.25	1.59	1.63	1.19

* There is no project expenditure planned for this route.

Mclvor Highway



Key statistics

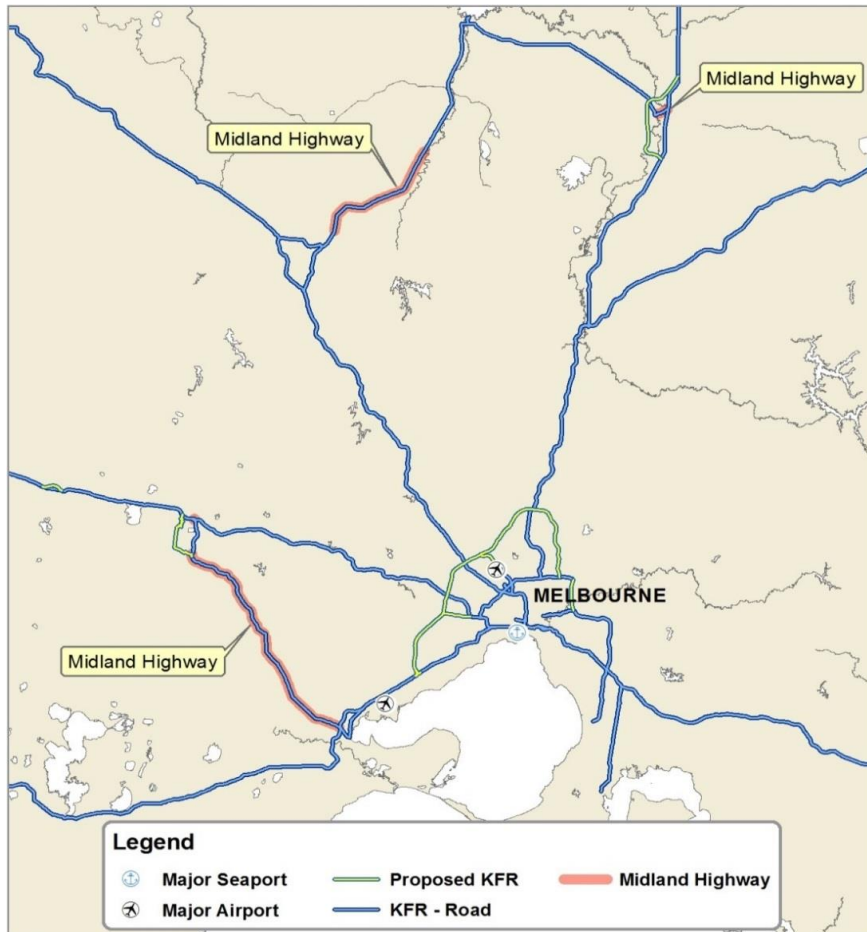
- The Mclvor Highway extends east from central Bendigo for about 46 kilometres to Heathcote.
- Key commodities moved along this route include livestock, grain and hay and quarry and building materials.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	0.08	0.08	0.08	0.08
Total	0.08	0.08	0.08	0.08

* There is no project expenditure planned for this route.

Midland Highway



Key statistics

- The Midland Highway extends from Geelong to Benalla, covering a distance of 365 kilometres.
- It provides a key link to the Port of Geelong and it supports a variety of industries, such as livestock, horticulture, grain and hay and general freight.
- The Midland Highway links Geelong, Ballarat, Bendigo, Shepparton and Benalla.

Overview of Expenditure and Investment

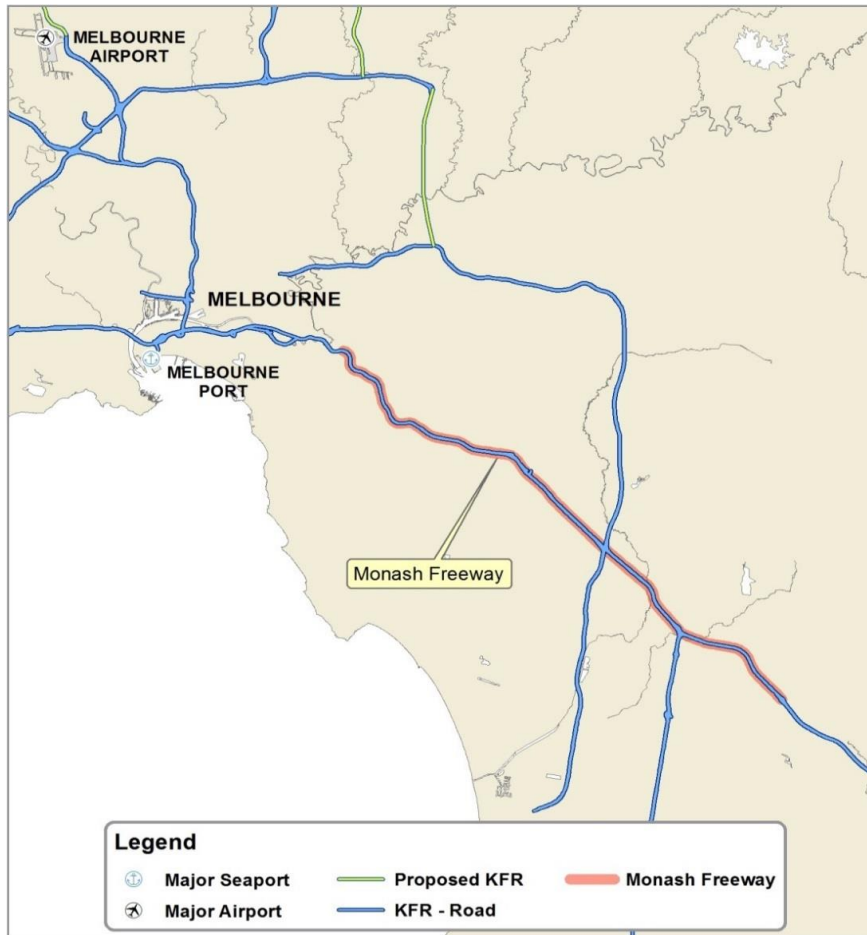
2016–17 approved	(\$m)	28.51
2017–18 indicative	(\$m)	27.78
2018–19 indicative	(\$m)	24.87
2019–20 indicative	(\$m)	6.87
Total	(\$m)	88.03

Midland Highway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Ballarat Western Link Road Stage 1	Ballarat-Burrumbeet Road	Improve Arterial Roads Operation	35.50	35.50	-	13.78	-	-	-
Midland Highway Bridge Strengthening	Buninyong Creek, new RFC deck	Bridge strengthening	0.27	0.27	-	0.01	-	-	-
Midland Highway Pedestrian Operated Signals	Huntly	Pedestrian crossing signals	0.34	0.34	-	0.25	-	-	-
Midlands Highway	Various Locations	Pavement Rehabilitation	0.73	0.73	-	0.40	-	-	-
Midlands Highway	Various Locations	Safety Improvements	7.50	7.50	-	3.85	1.50	0.24	-
Midlands Highway	Overtaking lane on Midland Highway at Nillahcooti (one overtaking lane)	Overtaking Lanes	2.00	2.00	-	0.25	1.25	0.50	-
Midlands Highway	Overtaking lanes North and South of Lethbridge.	Overtaking Lanes	10.00	10.00	-	0.80	4.70	4.49	-
Midlands Highway	Napier Street, Bendigo	Improve Arterial Roads Operation	31.55	31.55	-	1.92	14.00	12.59	3.03
Midlands Highway	Rubicon to Urquhart 1.2m central concrete island	Improve Arterial Roads Operation	2.38	2.38	-	1.59	0.73	-	-
Midlands Highway	Napier Street, Bendigo	Project Development	0.60	0.60	-	0.04	-	-	-
Midland Highway - Doyles Road Intersection Upgrade	Shepparton	Roundabout duplication	7.50	1.88	5.63	-	-	-	-
<i>Subtotal project expenditure</i>			98.36	92.74	5.63	22.89	22.18	17.82	3.03

Other expenditure							
Maintenance				3.74	3.90	3.77	3.84
Rehabilitation				1.88	1.70	3.28	-
<i>Subtotal other expenditure</i>				<i>5.62</i>	<i>5.60</i>	<i>7.05</i>	<i>3.84</i>
Total	98.36	92.74	5.63	28.51	27.78	24.87	6.87

Monash Freeway



Key statistics

- The Monash Freeway links Melbourne's CBD to its south-eastern suburbs and beyond to the Gippsland region.
- The Intelligent Transport System upgrade project will include new overhead electronic signage, such as lane use signs and additional CCTV cameras.

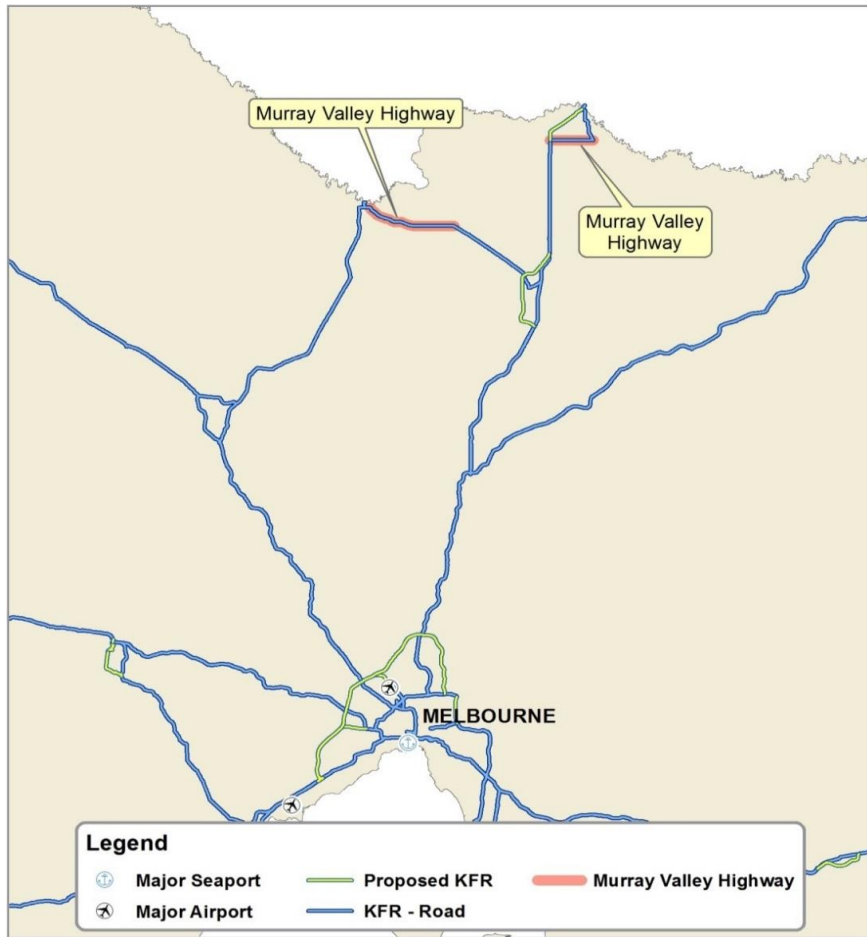
Overview of Expenditure and Investment

2016–17 approved	(\$m)	26.26
2017–18 indicative	(\$m)	18.17
2018–19 indicative	(\$m)	21.15
2019–20 indicative	(\$m)	10.56
Total	(\$m)	76.14

Monash Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Monash Freeway – Ferntree Gully Road to Gladstone Road Bridge Strengthening	Ferntree Gully Road to Gladstone Road	Bridge strengthening	9.75	1.95	7.80	8.24	-	-	-
Monash Freeway – High Street to Warrigal Road Intelligent Transport System	High Street to Warrigal Road	Intelligent Transport System Upgrade	19.80	9.90	9.90	0.26	-	3.03	0.23
<i>Subtotal project expenditure</i>			<i>29.55</i>	<i>11.85</i>	<i>17.70</i>	<i>8.50</i>	<i>-</i>	<i>3.03</i>	<i>0.23</i>
Other expenditure									
Maintenance						9.76	9.91	10.13	10.33
Rehabilitation						8.00	8.26	7.99	-
<i>Subtotal other expenditure</i>						<i>17.76</i>	<i>18.17</i>	<i>18.12</i>	<i>10.33</i>
Total			29.55	11.85	17.70	26.26	18.17	21.15	10.56

Murray Valley Highway



Key statistics

- The Murray Valley Highway is an important route that runs parallel with the Murray River and Victoria's northern border with New South Wales.
- It extends for a distance of 660 kilometres from east of Corryong to Robinvale.
- Key commodities moved along this route include livestock, horticultural products, grain and hay, fuel and fertiliser, general freight and manufactured goods.

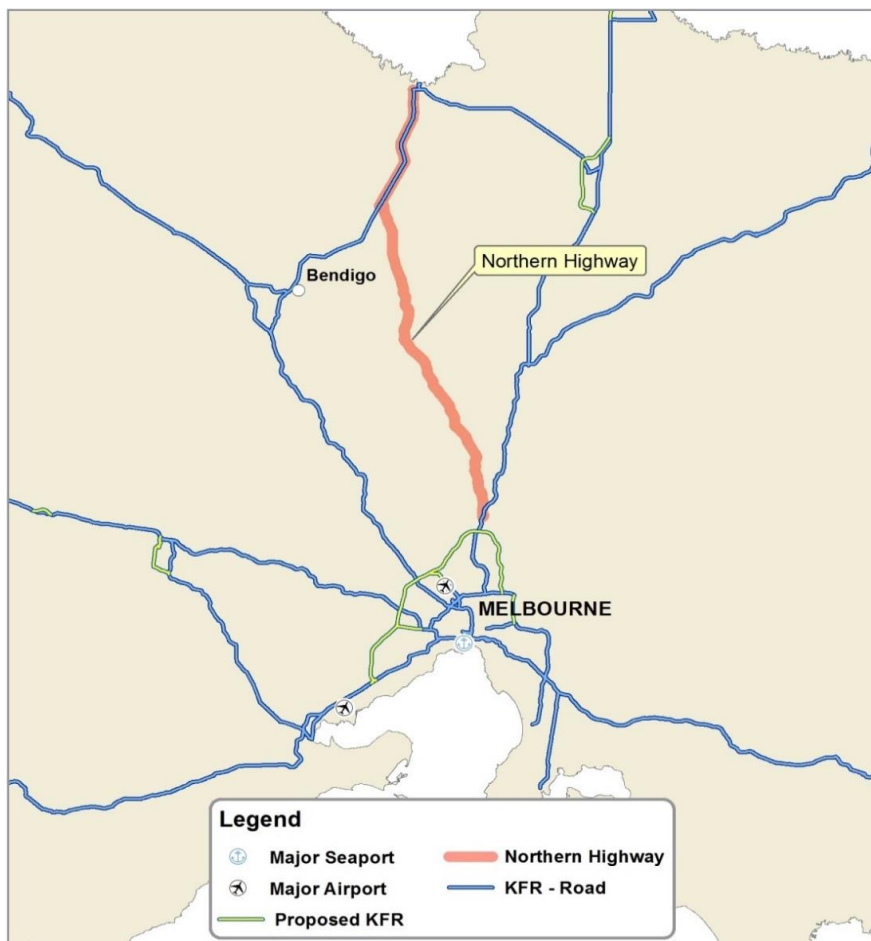
Overview of Expenditure and Investment

2016–17 approved	(\$m)	1.77
2017–18 indicative	(\$m)	3.69
2018–19 indicative	(\$m)	0.92
2019–20 indicative	(\$m)	0.40
Total	(\$m)	6.78

Murray Valley Highway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Murray Valley Highway Bridge Strengthening	Torrumbarry	Bridge strengthening	0.95	0.44	0.48	-	-	-	-
Murray Valley Highway	Mahers Creek	Bridge strengthening	0.75	0.27	0.48	0.59	-	-	-
Murray Valley Highway	Murray Valley Hwy (206km to 206km) Bridge Construction - Echuca	Bridge Construction	7.60	7.60	-	0.01	-	-	-
Murray Valley Highway	Development and delivery of two overtaking lanes on the Murray Valley Highway	Overtaking Lanes	4.00	4.00	-	0.24	3.26	0.50	-
Murray Valley Highway	Various Locations	Pavement Rehabilitation	0.55	0.55	-	0.10	0.01	-	-
Murray Valley Highway	Murray Valley Hwy Powell Drive Bandiana Install new traffic signals	New intersection Signals	0.42	0.42	-	0.41	-	-	-
<i>Subtotal project expenditure</i>			<i>14.27</i>	<i>13.28</i>	<i>0.96</i>	<i>1.35</i>	<i>3.27</i>	<i>0.50</i>	<i>-</i>
Other expenditure									
Maintenance						0.40	0.40	0.40	0.40
Rehabilitation						0.02	0.02	0.02	-
<i>Subtotal other expenditure</i>						<i>0.42</i>	<i>0.42</i>	<i>0.42</i>	<i>0.40</i>
Total			14.27	13.28	0.96	1.77	3.69	0.92	0.40

Northern Highway



Key statistics

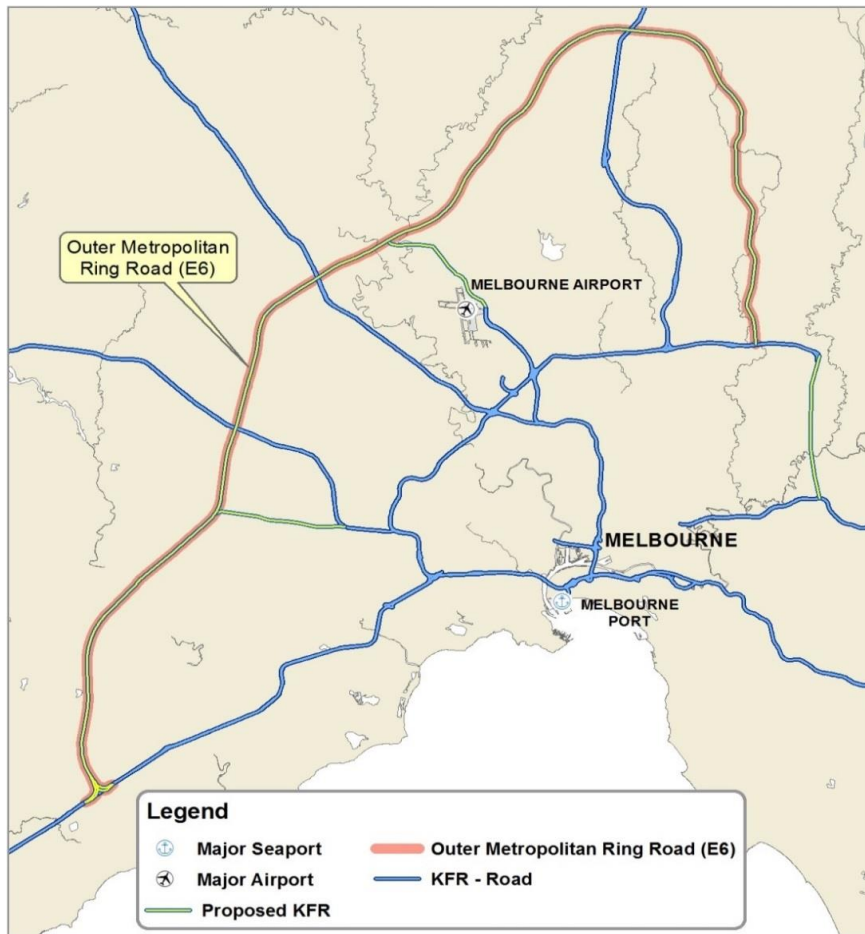
- The Northern Highway provides a key link between Melbourne and Wallan, Kilmore, Echuca and southern New South Wales' Riverina region.
- It is a secondary link between Melbourne and Bendigo.
- Key commodities moved along this route include livestock, horticultural products, grain and hay, general freight and quarry materials and building products.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	0.81	0.81	0.81	0.82
Total	0.81	0.81	0.81	0.82

* There is no project expenditure planned for this route.

Outer Metropolitan Ring Road (E6)



Key statistics

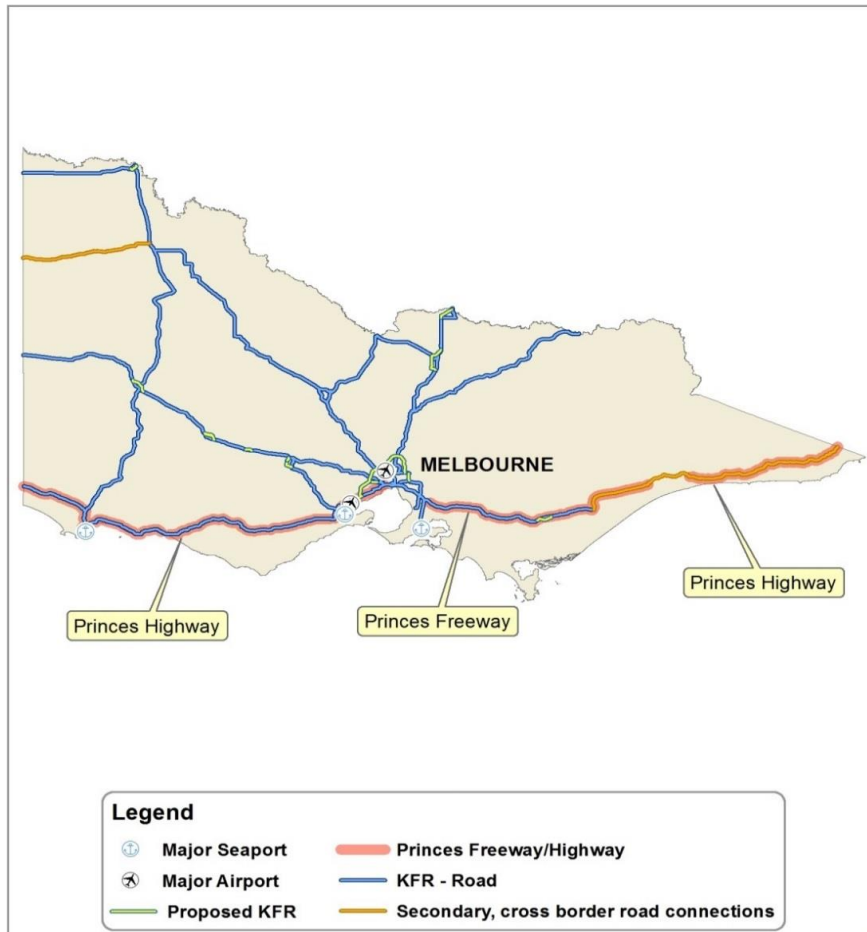
- The Outer Metropolitan Ring Road is a planned road in Melbourne, which would consist of a 100 kilometre long high-speed transport link in Melbourne's north and west.
- Planning to reserve a corridor for this project has been completed.
- This project would create better connections to transport hubs such as Melbourne Airport, Avalon Airport and the Port of Geelong.

Overview of Expenditure and Investment*

2016–17 approved	(\$m)
2017–18 indicative	(\$m)
2018–19 indicative	(\$m)
2019–20 indicative	(\$m)
Total	(\$m)

* There is no planned expenditure on the Outer Metropolitan Ring Road from 2015-16 to 2018-19. The Outer Metropolitan Ring Road is planned but has not yet been built.

Princes Highway/Freeway



Key statistics

- The Princes Highway West is the key east-west route in south-western Victoria, providing a strategic link between Melbourne and the South Australian border.
- It provides an important connection between Melbourne and the major provincial centres of Geelong, Colac, Warrnambool, Mount Gambier and the Port of Portland.
- The Princes Highway East is the key east-west route in Gippsland, providing a strategic link between Melbourne and New South Wales.
- It provides an important connection between Melbourne, Pakenham, Warragul, Morwell, Traralgon, Sale, Lakes Entrance and Eden and Merimbula in New South Wales.

Overview of Expenditure and Investment

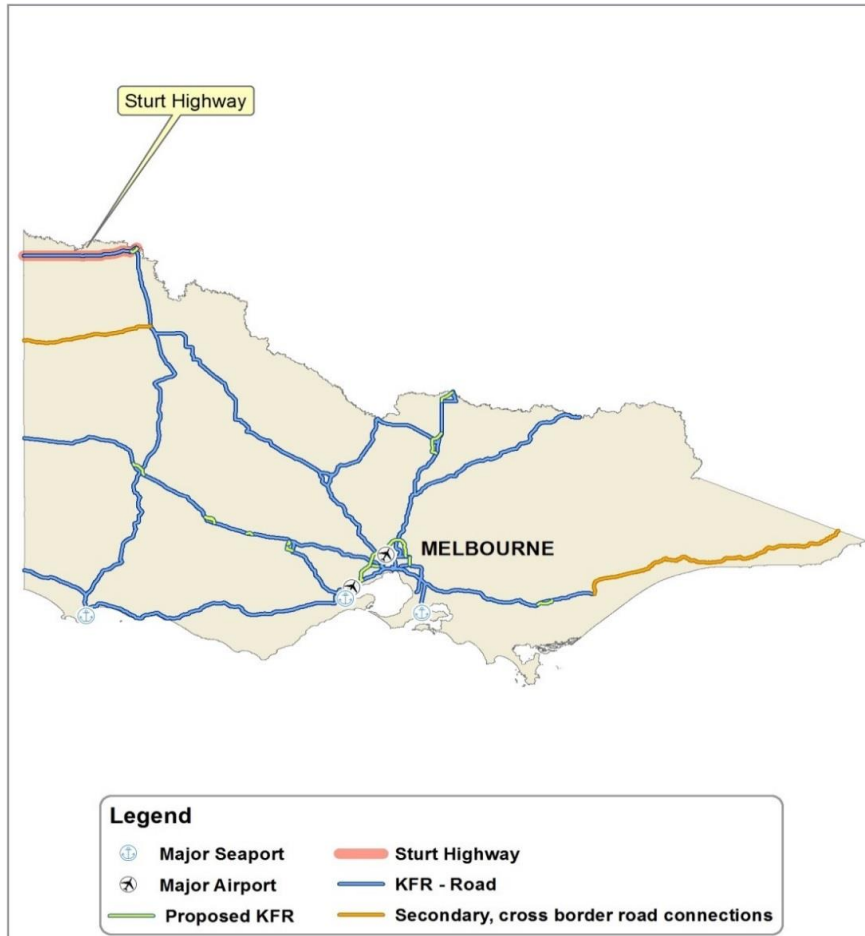
2016–17 approved	(\$m)	173.27
2017–18 indicative	(\$m)	177.46
2018–19 indicative	(\$m)	168.63
2019–20 indicative	(\$m)	59.36
Total	(\$m)	578.72

Princes Highway/Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Princes Highway East - Traralgon to Sale Duplication	Traralgon to Sale	Carriageway duplication	260.00	50.00	210.00	31.94	32.42	28.77	-
Geelong Ring Road Stage 4C Carriageway Duplication	Between Section 4B to the Surfcoast Hwy	Carriageway duplication	90.40	90.40	-	3.27	2.66	-	-
Princes Highway West - Waurin Ponds to Winchelsea Duplication	Waurin Ponds to Winchelsea	Carriageway duplication	171.00	85.50	85.50	7.52	2.88	4.34	0.10
Princes Highway West - Winchelsea to Colac Duplication	Winchelsea to Colac	Carriageway duplication	363.48	181.74	181.74	67.74	96.40	93.31	37.82
Princes Highway East Truck Turn Around Improvements	Mt Drummer	Truck turn-around facilities	1.63	0.82	0.82	0.22	0.11	-	-
Princes Highway & Forsyth Road Ramp Widening	Hoppers Crossing	Widening off-ramp	2.84	2.84	-	2.25	0.23	-	-
Princes Freeway East - Sand Road Interchange	Longwarry	Interchange improvements	31.20	8.70	22.50	9.73	0.94	7.36	-
Princes Highway East / West	Various Locations	Pavement Rehabilitation	11.73	11.73	-	5.19	0.52	0.10	-
Princes Highway East / West	Various Locations	Safety Improvements	11.67	11.67	-	0.64	-	0.21	-
Princes Highway East - Murrungowar Rest Area Upgrade	Murrungowar	Rest area improvements	3.38	0.85	2.54	0.82	0.30	-	-
<i>(continued)</i>									

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Princes Highway East - McKenzie Rover Rest Area Upgrade	McKenzie River	Rest area improvements	1.05	0.53	0.53	-	0.01	-	0.20
Princes Highway East	Prince Highway East - between Orbost and NSW border	Overtaking Lanes	9.00	9.00	-	0.50	3.90	4.60	-
Princes Highway West - Terang Intersection Upgrades	Terang	Intersection improvements	1.02	0.26	0.77	0.06	-	-	-
Princes Highway West	Princes Highway West (Raglan Pde Warrnambool)	Traffic Signals	0.95	0.95	-	-	0.01	-	-
Princes Highway West	Princes Highway West - Sneydes Road	Interchange	44.86	44.86	-	2.50	0.26	0.21	0.81
<i>Subtotal project expenditure</i>			<i>1,004.21</i>	<i>499.83</i>	<i>504.38</i>	<i>132.37</i>	<i>140.63</i>	<i>139.10</i>	<i>38.73</i>
Other expenditure									
Maintenance						15.14	25.22	20.23	20.63
Rehabilitation						25.76	11.61	9.30	-
<i>Subtotal other expenditure</i>						<i>40.90</i>	<i>36.83</i>	<i>29.53</i>	<i>20.63</i>
Total			1,004.21	499.83	504.38	173.27	177.46	168.63	59.36

Sturt Highway



Key statistics

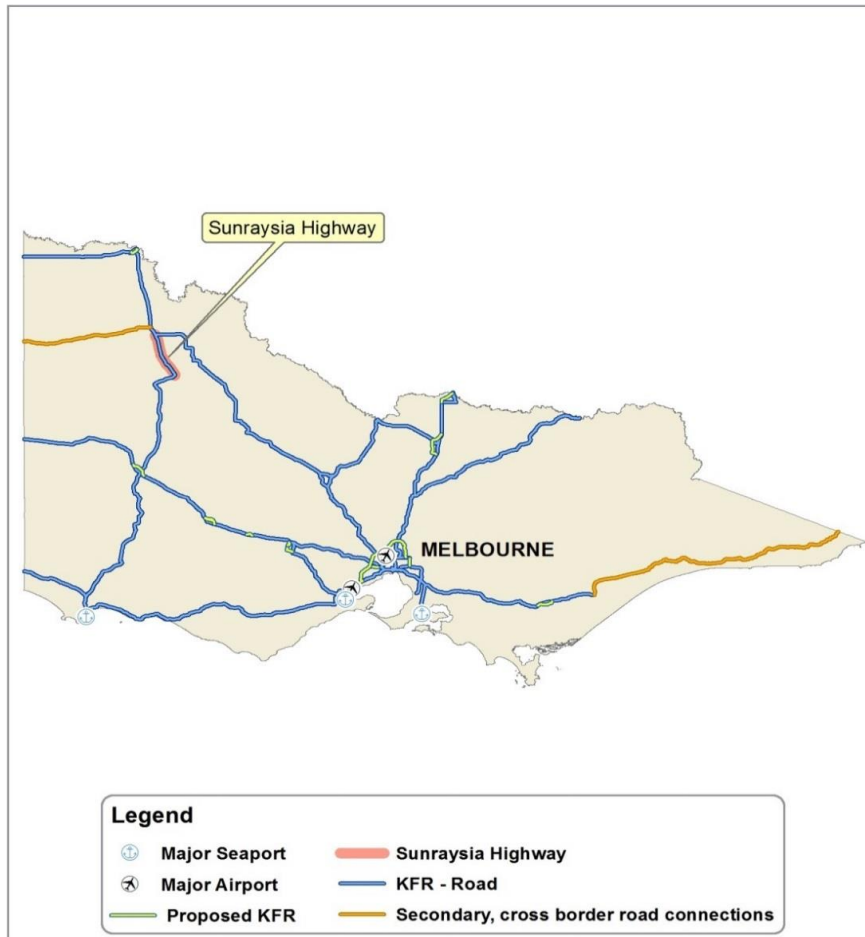
- The Sturt Highway provides a key link between Sydney and Adelaide, linking with Mildura.
- Key commodities moved along this route include livestock, horticultural goods, grain and hay, wine and general freight.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	1.37	1.41	1.33	1.35
Rehabilitation	0.31	0.30	0.93	-
Total	1.68	1.71	2.26	1.35

* There is no project expenditure planned for this route.

Sunraysia Highway



Key statistics

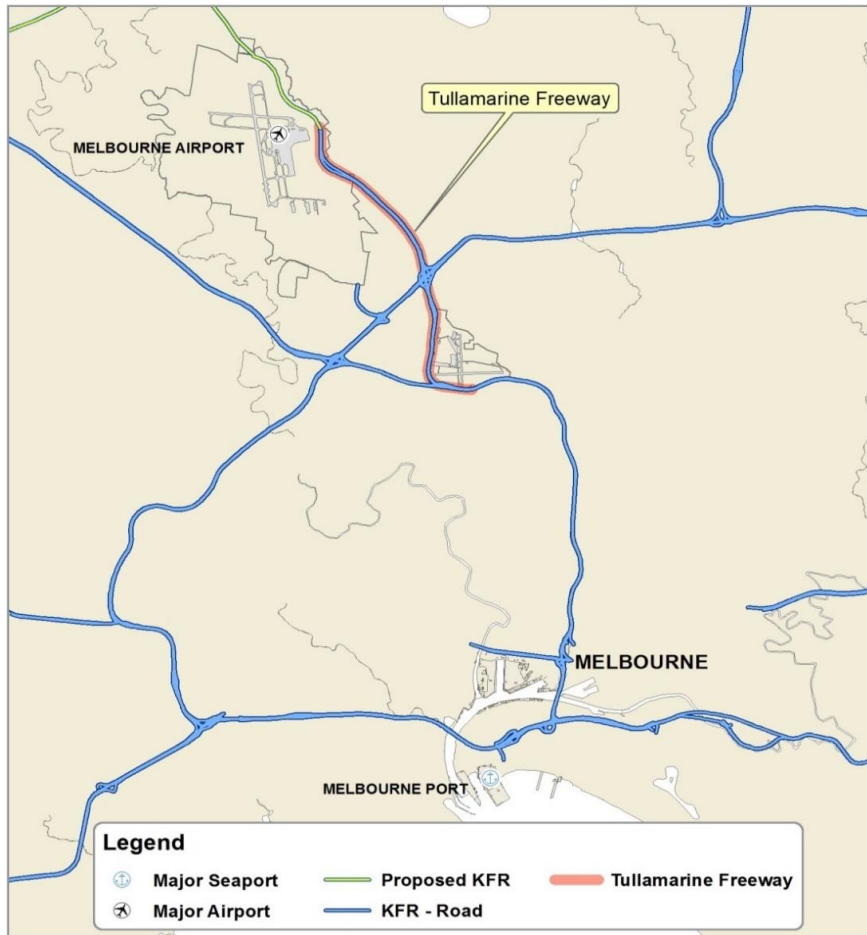
- Key commodities moved along this route include livestock, horticultural products, grain and hay, fuel and fertiliser and general freight.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	1.52	1.56	1.61	1.64
Rehabilitation	1.06	0.27	0.28	-
Total	2.58	1.83	1.89	1.64

* There is no project expenditure planned for this route.

Tullamarine Freeway



Key statistics

- The Tullamarine Freeway provides an important link to Melbourne Airport.
- The Tullamarine corridor is one of Melbourne's most heavily used roads, carrying approximately 210,000 vehicles per day in its busiest section.
- Work on the road widening project is expected to commence in late 2015 and be completed by early 2018. The project will increase the road's capacity by up to 30 per cent.

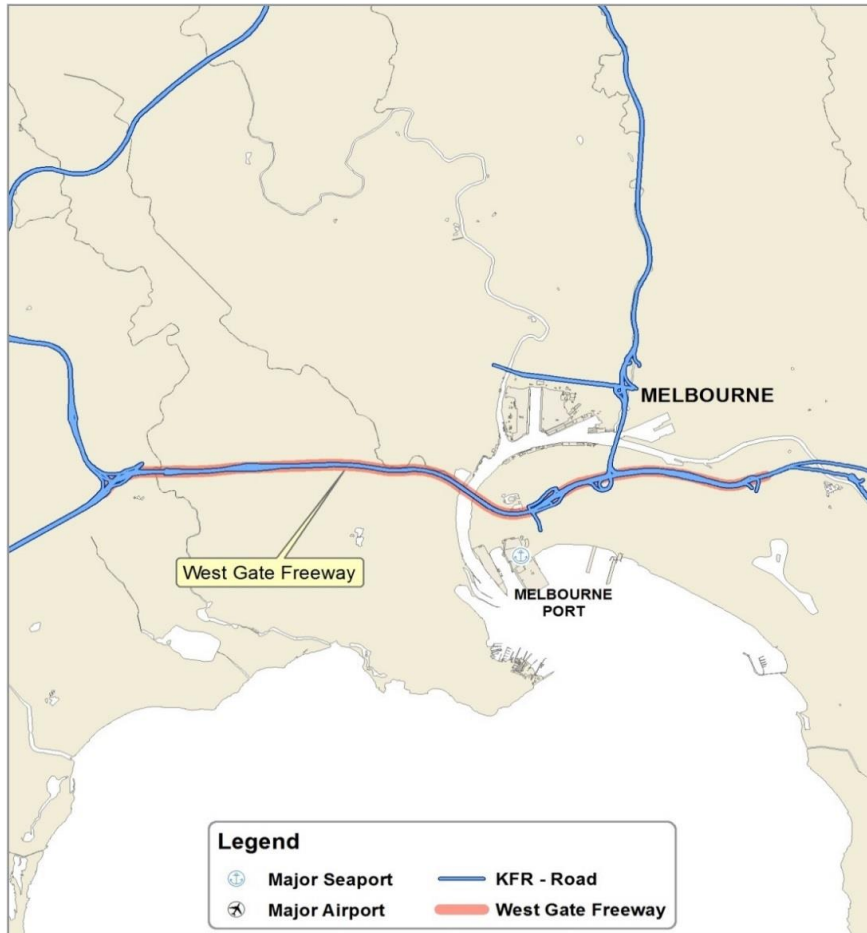
Overview of Expenditure and Investment

2016–17 approved	(\$m)	204.16
2017–18 indicative	(\$m)	157.13
2018–19 indicative	(\$m)	27.45
2019–20 indicative	(\$m)	41.93
Total	(\$m)	430.67

Tullamarine Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Tullamarine Freeway Road Widening	Melbourne Airport to Melrose Drive (Section 1)	Road widening	250.00	50.00	200.00	107.40	67.35	5.02	38.33
Tullamarine Freeway Road Widening	Melrose Drive to Bulla Road (Section 2)	Road widening	165.00	165.00	-	75.10	65.41	1.47	1.39
Tullamarine Freeway Road Widening	Bulla Road to CityLink Tunnel (Section 3)	Road widening	101.80	101.80	-	18.96	21.50	17.95	-
<i>Subtotal project expenditure</i>			<i>516.80</i>	<i>316.80</i>	<i>200.00</i>	<i>201.46</i>	<i>154.26</i>	<i>24.44</i>	<i>39.72</i>
Other expenditure									
Maintenance						1.94	2.08	2.17	2.21
Rehabilitation						0.76	0.79	0.84	-
<i>Subtotal other expenditure</i>						<i>2.70</i>	<i>2.87</i>	<i>3.01</i>	<i>2.21</i>
Total			516.80	316.80	200.00	204.16	157.13	27.45	41.93

West Gate Freeway



Key statistics

- The West Gate Freeway provides a link between Melbourne and the west, linking industrial areas west of the Yarra River with the city and port areas.
- The Intelligent Transport System upgrade has provided overhead lane use signs to advise drivers of which lanes to use and allow for speeds to be adjusted to suit conditions.

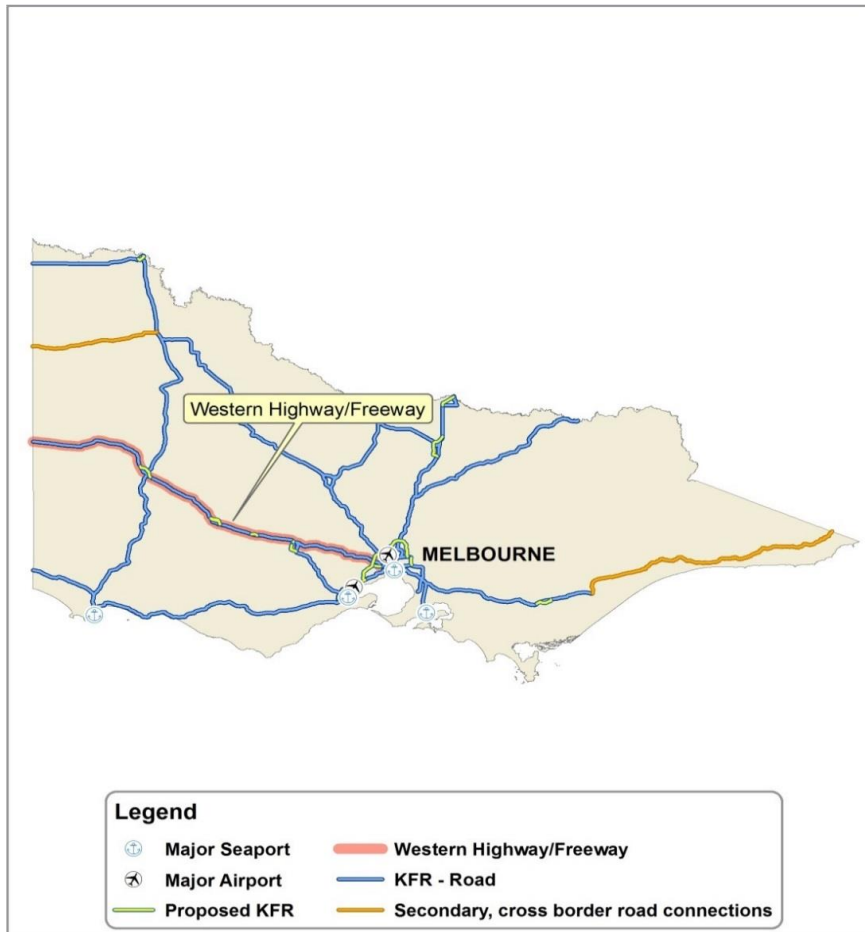
Overview of Expenditure and Investment

2016–17 approved	(\$m)	7.38
2017–18 indicative	(\$m)	10.62
2018–19 indicative	(\$m)	5.08
2019–20 indicative	(\$m)	3.24
Total	(\$m)	26.32

West Gate Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
West Gate Freeway Bridge Maintenance	Spotswood to Port Melbourne	Bridge maintenance	45.59	45.59	-	1.76	5.72	-	-
West Gate Freeway - Western Ring Road to Williamstown Road Intelligent Transport System	Spotswood to Port Melbourne	Intelligent Transport System Upgrade	25.00	12.50	12.50	0.84	-	-	-
<i>Subtotal project expenditure</i>			<i>70.59</i>	<i>58.09</i>	<i>12.50</i>	<i>2.60</i>	<i>5.72</i>	<i>-</i>	<i>-</i>
Other expenditure									
Maintenance						3.05	3.10	3.18	3.24
Rehabilitation						1.73	1.80	1.90	-
<i>Subtotal other expenditure</i>						<i>4.78</i>	<i>4.90</i>	<i>5.08</i>	<i>3.24</i>
Total			70.59	58.09	12.50	7.38	10.62	5.08	3.24

Western Highway/Freeway



Key statistics

- This route is the principal and most direct road transport link between Melbourne and Adelaide, and then on to Western Australia and the Northern Territory.
- It is important for tourism, as it provides access to Ballarat, the Grampians and Goldfields tourism regions and the Grampians and Pyrenees wine regions.
- Key commodities moved along this route include livestock, horticultural goods, grain and hay, bottled water, manufactured goods and extractive industries and building products.

Overview of Expenditure and Investment

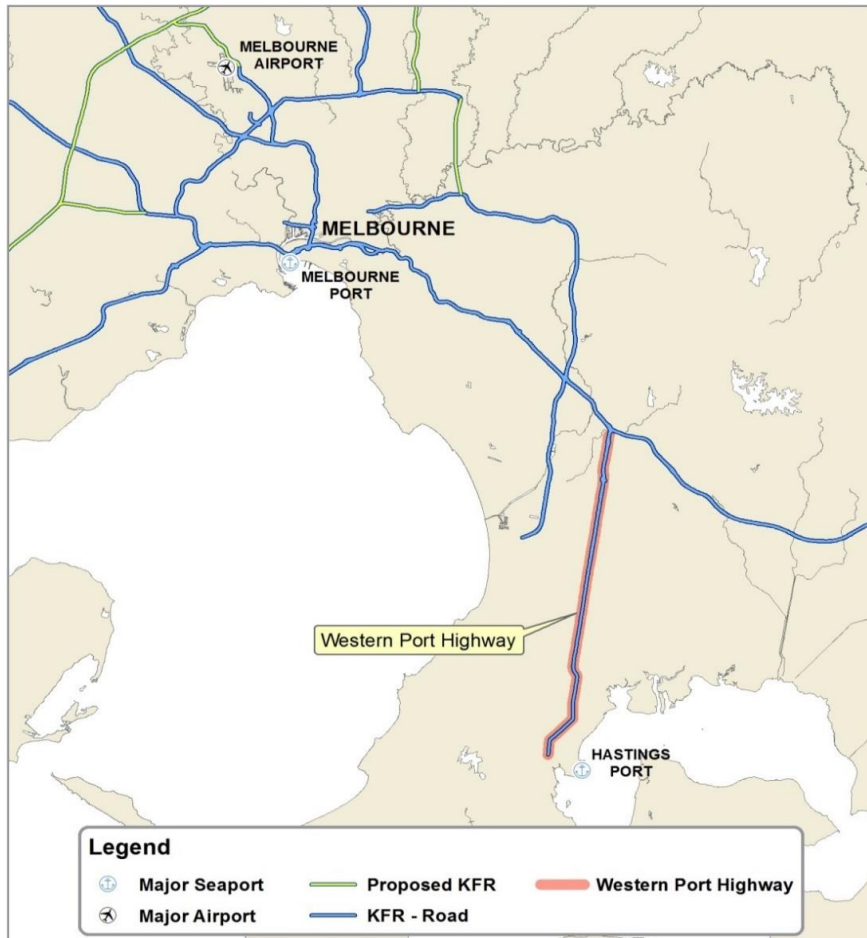
2016–17 approved	(\$m)	109.73
2017–18 indicative	(\$m)	99.67
2018–19 indicative	(\$m)	20.14
2019–20 indicative	(\$m)	9.18
Total	(\$m)	238.72

Western Highway/Freeway: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Western Highway - Ballarat to Stawell Duplication	Ballarat to Stawell	Carriageway Duplication	662.30	161.00	501.30	83.96	67.63	-	-
Western Highway - Upgrade between Stawell and the South Australian Border	Stawell to SA Border	Highway upgrades	48.45	8.45	40.00	0.31	-	-	-
Western Highway - Beaufort and Ararat Bypass Planning	Beaufort and Ararat	Planning	4.00	1.00	3.00	-	-	-	-
Western Highway Pavement Rehabilitation	Inbound from Troups Road to off ramp	Pavement rehabilitation	2.59	2.59	-	-	-	-	-
Western Highway Pavement Rehabilitation	Horsham	Pavement rehabilitation	0.24	0.24	-	-	-	-	-
Western Freeway – Bacchus Marsh to Ballan Bridge Strengthening	Bacchus Marsh to Ballan	Bridge strengthening	11.70	2.34	9.36	3.97	4.29	3.03	-
Western Highway	Various Locations	Pavement Rehabilitation	3.83	3.83	-	2.92	0.66	-	-
Western Highway	Various Locations	Safety Improvements	8.54	8.54	-	2.33	0.38	5.52	-
Western Freeway - Halletts Way Access Ramps and Shared User Path	Bacchus Marsh	Intersection Improvements and Freeway Access Ramps	12.80	2.56	10.24	2.89	8.96	0.86	-
Western Highway Upgrade	Western Highway - Ararat to Stawell	Planning & Pre-construction	10.00	10.00	-	2.90	7.10	-	-
<i>Subtotal project expenditure</i>			<i>764.45</i>	<i>200.55</i>	<i>563.90</i>	<i>99.28</i>	<i>89.02</i>	<i>9.41</i>	<i>-</i>

Other expenditure							
Maintenance				8.70	8.97	9.00	9.18
Rehabilitation				1.75	1.68	1.73	-
<i>Subtotal other expenditure</i>				<i>10.45</i>	<i>10.65</i>	<i>10.73</i>	<i>9.18</i>
Total	764.45	200.55	563.90	109.73	99.67	20.14	9.18

Western Port Highway



Key statistics

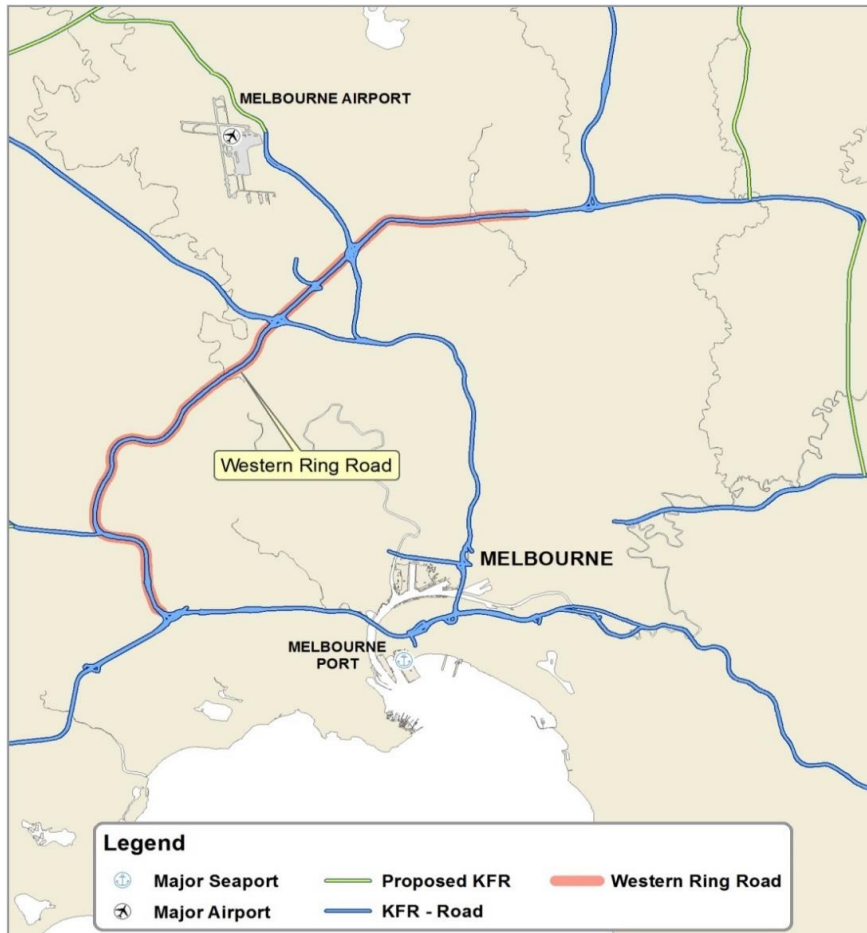
- The Western Port Highway is the main link between the South Gippsland Freeway at Lynbrook in the north and Hastings in the South.
- To meet the expected growth in both local and through traffic along the Western Port Highway, VicRoads has undertaken a planning study to identify a preferred option for a possible future upgrade of the Western Port Highway.

Overview of Expenditure and Investment*

	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
Maintenance	0.11	0.11	0.11	0.11
Rehabilitation	0.02	0.02	0.02	-
Total	0.13	0.13	0.13	0.11

* There is no project expenditure planned for this route.

Western Ring Road



Key statistics

- The Western Ring Road provides a key link between Melbourne and the Hume, Goulburn Valley, Calder, Western and Princes Highways.
- The Western Ring Road carries up to 142,000 vehicles per day, including more than 22,000 trucks.
- The upgrade to the Western Ring Road will add more lanes and install electronic systems to manage traffic flow across the entire route.

Overview of Expenditure and Investment

2016–17 approved	(\$m)	96.30
2017–18 indicative	(\$m)	105.20
2018–19 indicative	(\$m)	163.82
2019–20 indicative	(\$m)	8.84
Total	(\$m)	374.16

Western Ring Road: Planned Expenditure and Investment

Project	Location description	Work description	Indicative total cost (\$m)	Victorian Government / other contribution (\$m)	Australian Government contribution (\$m)	2016-17 Approved all funding sources (\$m)	2017-18 Indicative all funding sources (\$m)	2018-19 Indicative all funding sources (\$m)	2019-20 Indicative all funding sources (\$m)
M80 Ring Road Upgrade	Sunshine Avenue to Calder Freeway	Road upgrade	300.00	150.00	150.00	65.05	84.98	145.67	-
M80 Noise Barriers	Glenroy and Gowanbrae	Noise barriers	9.62	9.62	-	9.30	0.58	-	0.80
Mallee Highway	New Tooleybuc bridge across Murray River	Planning & Investigation	1.10	1.10	-	0.58	0.53	-	-
Mcivor Highway	Mcivor Hwy / MidlandHwy (McCrae St / Chapel St)	Intersection Improvements	0.51	0.51	-	0.35	-	-	-
Mcivor Highway	Mcivor Highway/ Short Street Intersection	Intersection Improvements	0.50	0.50	-	0.46	-	-	-
Mcivor Highway	Mcivor Highway / Short St intersection	Tram Route Improvements	0.78	0.78	-	0.24	0.53	-	-
Mcivor Highway	Mcivor Highway Intersection Improvements - Congestion Project	Intersection Improvements	0.27	0.27	-	0.26	-	-	-
Northern Highway	Various Locations	Safety Improvements	2.85	2.85	-	1.84	0.05	-	-
Sunraysia Highway	Various Locations	Pavement Rehabilitation	1.03	1.03	-	0.05	0.05	-	-
<i>Subtotal project expenditure</i>			<i>316.67</i>	<i>166.67</i>	<i>150.00</i>	<i>78.12</i>	<i>86.71</i>	<i>144.87</i>	<i>-</i>

Other expenditure							
Maintenance				8.30	8.45	8.67	8.84
Rehabilitation				9.88	10.04	10.28	-
<i>Subtotal other expenditure</i>				<i>18.18</i>	<i>18.49</i>	<i>18.95</i>	<i>8.84</i>
Total	316.67	166.67	150.00	96.30	105.20	163.82	8.84