

Road Expenditure and Investment Plans 2017-18 to 2020-21

Northern Territory



#### 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.

The Road Expenditure and Investment Plans 2017-18 to 2020-21 is the third time that the 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.

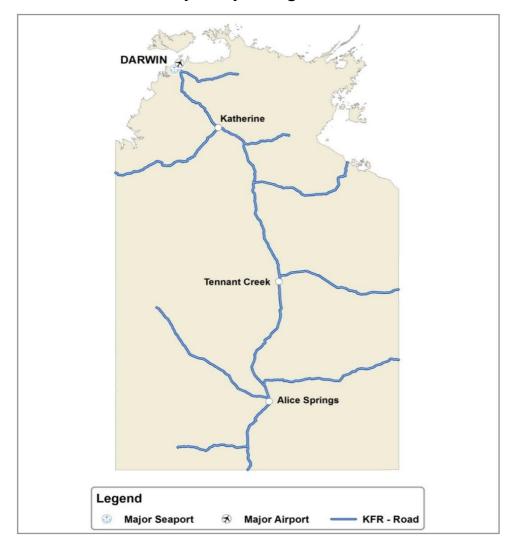
The Northern Territory expenditure plans show only Capital projects that have been approved on the current year (2017-18) work program, multi-year Capital projects that have approved future funding commitments, and indicative future allocations for continuing rolling programs such as Repairs and Maintenance, Minor New Works and Asset Renewal (Pavement Strengthening and Widening programs).

As such, the indicative Capital investment in the outer years 2018-19 to 2020-21 is likely to be understated as it does not take into account any new capital works for which funding is not yet confirmed.

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### Northern Territory: Key Freight Route Roads



#### **Key statistics**

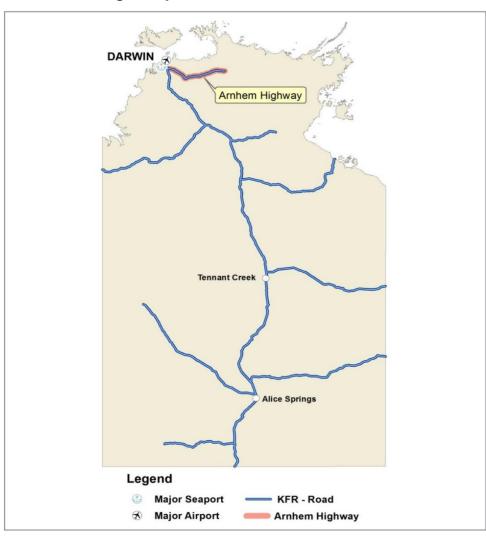
- The Northern Territory road network plays a significant role in linking major towns and regional communities within the territory and interstate. With only one major north-south rail line, the importance of the road network in transporting freight as well as providing access to rural communities cannot be understated.
- There are approximately 36,000 kilometres of roads in the Northern Territory, 22,000 managed by the Northern Territory Government and the balance by local government. In contrast with other jurisdictions, only 26 per cent of roads are sealed.
- The Key Freight Routes make up approximately 4,516 kilometres of these roads, with 81 per cent of these roads being sealed.
- Annual road freight activity in the Northern Territory (in 2012-13) is estimated at 1.72 billion tonne kilometres, including 1.16 billion tonne kilometres of interstate freight and 0.55 billion tonne kilometres of intrastate freight.

| 2017-18 approved   | (\$m) | 124.24 |
|--------------------|-------|--------|
| 2018–19 indicative | (\$m) | 121.52 |
| 2019–20 indicative | (\$m) | 105.81 |
| 2020–21 indicative | (\$m) | 66.87  |
| Total              | (\$m) | 418.44 |

# Planned Expenditure and Investment

| Route               | 2017-18<br>approved<br>(\$m) | 2018-19<br>indicative<br>(\$m) | 2019-20<br>indicative<br>(\$m) | 2020-21<br>indicative<br>(\$m) | Total<br>2017-18 to<br>2020-21<br>indicative<br>(\$m) |
|---------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| Arnhem Highway      | 7.62                         | 24.05                          | 53.01                          | 9.68                           | 94.36   |
| Barkly Highway      | 2.98                         | 2.55                           | 2.10                           | 2.15                           | 9.78  |
| Berrimah Road       | 0.22                         | 0.20                           | 0.61                           | 0.22                           | 1.25  |
| Carpentaria Highway | 3.31                         | 5.59                           | 4.14                           | 4.19                           | 17.23   |
| Lasseter Highway    | 5.57                         | 1.71                           | 2.75                           | 1.79                           | 11.82   |
| McMillans Road      | 1.88                         | 2.59                           | 0.49                           | 0.09                           | 5.05  |
| Plenty Highway      | 20.85                        | 21.74                          | 14.15                          | 18.61                          | 75.35   |
| Roper Highway       | 15.22                        | 6.32                           | 1.24                           | 1.68                           | 24.46   |
| Stuart Highway      | 35.42                        | 27.88                          | 18.96                          | 18.41                          | 100.67  |
| Tanami Road         | 6.52                         | 4.30                           | 2.88                           | 4.46                           | 18.16   |
| Tiger Brennan Drive | 3.46                         | 1.80                           | 1.82                           | 1.84                           | 8.92  |
| Victoria Highway    | 21.19                        | 22.79                          | 3.66                           | 3.75                           | 51.39   |
| Total               | 124.24                       | 121.52                         | 105.81                         | 66.87                          | 418.44  |

## Arnhem Highway



## Key statistics

- The Arnhem Highway is a 223 kilometre long sealed rural arterial road that links the Stuart Highway to the township of Jabiru and the Kakadu National Park.
- Key drivers are cattle, community access, defence (access to Mount Bundy), mining and tourism.

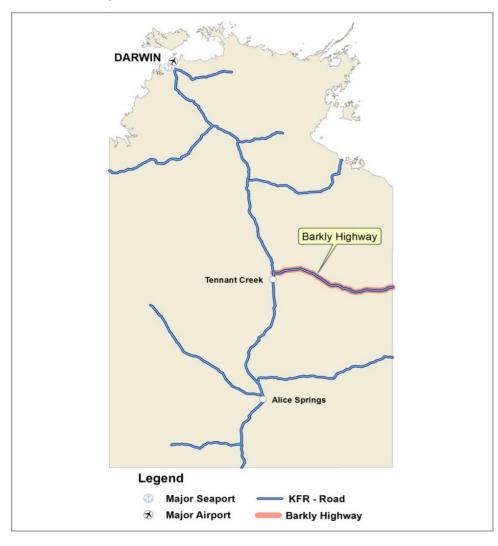
| 2017-18 approved   | (\$m) | 7.62  |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 24.05 |
| 2019–20 indicative | (\$m) | 53.01 |
| 2020–21 indicative | (\$m) | 9.68  |
| Total              | (\$m) | 94.36 |

## Arnhem Highway: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Rural arterials - pavement<br>strengthening and<br>widening                                     | Top End<br>Rural        | Pavement strengthening and widening at South Alligator                   | 0.80                              | 0.80   | -   | 0.60   | 0.20   | -  | -   |
| Rural arterials - pavement strengthening and widening   | Top End<br>Rural        | Pavement strengthening and widening of various sections                  | 3.30                              | 3.30   | -   | -  | 1.80   | -  | 1.50  |
| Upgrade Adelaide River<br>Floodplain  | Top End<br>Rural        | Improve flood immunity of the Adelaide River Floodplain                  | 77.88                             | 15.58  | 62.30   | 3.78   | 18.74  | 50.13  | 5.23  |
| Heavy Vehicle Safety and<br>Productivity Programme<br>(Round 5) - Upgrade<br>Truck Parking Bays | Top End<br>Rural        | Upgrade Truck Parking Bays<br>at the South Alligator<br>Roadhouse        | 1.50                              | 0.75   | 0.75  | 1.00   | 0.50   | -  | -   |
| Minor New Works   | Top End<br>Rural        | Various minor upgrades,<br>safety and traffic<br>management improvements | 1.50                              | 1.50   | -   | -  | 0.50   | 0.50   | 0.50  |
| Subtotal project expenditu  | re                      |  | 84.98                             | 21.93  | 63.05   | 5.38   | 21.74  | 50.63  | 7.23  |
|   |                         |  |                                   | (continued)  |   |  |  |  |   |

| Project                  | Location<br>description | Work<br>description | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--------------------------|-------------------------|---------------------|-----------------------------------|--|---|--|--|--|---|
| Other expenditure        |                         |                     |                                   |  |   |  |  |  |   |
| Repairs & Maintenance    |                         |                     |                                   |  |   | 2.24   | 2.31   | 2.38   | 2.45  |
| Subtotal other expenditu | ure                     |                     |                                   |  |   | 2.24   | 2.31   | 2.38   | 2.45  |
| Total                    |                         |                     | 84.                               | 98 21.93   | 63.05   | 7.62   | 24.05  | 53.01  | 9.68  |

## Barkly Highway



### **Key statistics**

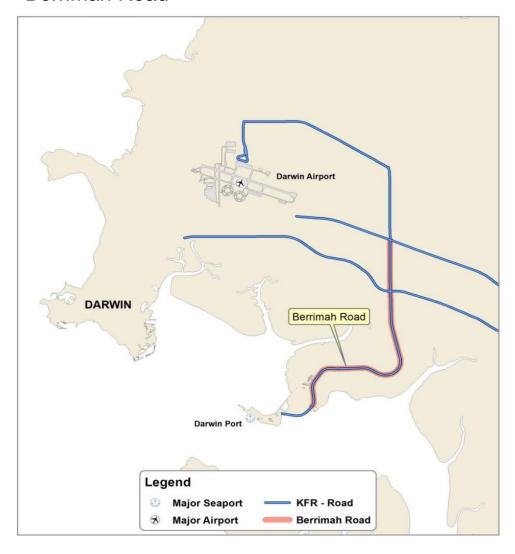
- The Barkly Highway is a 434 kilometre long sealed Rural National Highway that extends from the Stuart Highway at Three Ways (near Tennant Creek) to the Queensland border.
- The road is part of the National Land Transport Network and is the key transport and freight link to Queensland.
- Key drivers include mining, cattle, tourism and community access.

| 2017-18 approved   | (\$m) | 2.98 |
|--------------------|-------|------|
| 2018–19 indicative | (\$m) | 2.55 |
| 2019–20 indicative | (\$m) | 2.10 |
| 2020–21 indicative | (\$m) | 2.15 |
| Total              | (\$m) | 9.78 |

## Barkly Highway: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18 Approved all funding sources (\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Northern Territory Road<br>Package - Safety and<br>Fatigue Management | Barkly                  | Install Tactile Edge Lines   | 0.34                              | -  | 0.34  | 0.34                                       | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                     | Barkly                  | Resealing of various sections  | 1.42                              | -  | 1.42  | 0.92                                       | 0.50   | -  | -   |
| Minor New Works   | Barkly                  | Various minor upgrades,<br>safety and traffic<br>management improvements | 0.92                              | 0.92   | -   | 0.02                                       | 0.30   | 0.30   | 0.30  |
| Subtotal project expenditu  | ıre                     |  | 2.68                              | 0.92   | 1.76  | 1.28                                       | 0.80   | 0.30   | 0.30  |
| Other expenditure   |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance   |                         |  |                                   |  |   | 1.70                                       | 1.75   | 1.80   | 1.85  |
| Subtotal other expenditure  | е                       |  |                                   |  |   | 1.70                                       | 1.75   | 1.80   | 1.85  |
| Total   |                         |  | 2.68                              | 0.92   | 1.76  | 2.98                                       | 2.55   | 2.10   | 2.15  |

#### Berrimah Road



## Key statistics

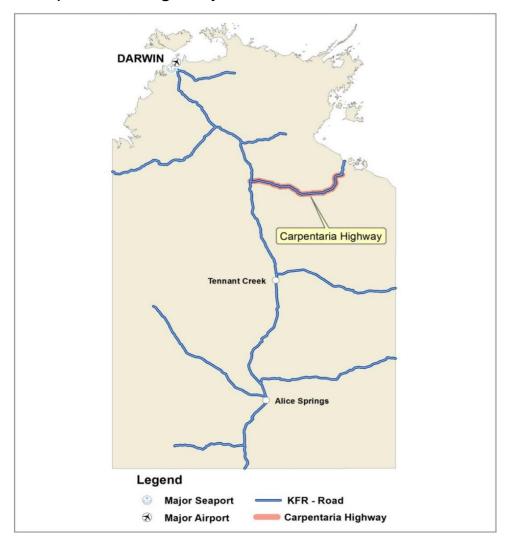
- The Berrimah Road is an 8.7 kilometres long sealed major arterial road servicing a large industrial area and the East Arm Port.
- The road is part of the National Land Transport network.
- Key drivers are urban use and freight distribution.

| 2017-18 approved   | (\$m) | 0.22 |
|--------------------|-------|------|
| 2018–19 indicative | (\$m) | 0.20 |
| 2019–20 indicative | (\$m) | 0.61 |
| 2020–21 indicative | (\$m) | 0.22 |
| Total              | (\$m) | 1.25 |

## Berrimah Road: Planned Expenditure and Investment

| Project                    | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18 Approved all funding sources (\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|----------------------------|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Minor New Works            | Darwin                  | Various minor upgrades,<br>safety and traffic<br>management improvements | 0.57                              | 0.57   | -   | 0.17                                       | -  | 0.40   | -   |
| Subtotal project expendit  | ure                     |  | 0.57                              | 0.57   | <del>-</del>                                      | 0.17                                       | -  | 0.40   | -   |
|                            |                         |  |                                   |  |   |  |  |  |   |
| Other expenditure          |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance      |                         |  |                                   |  |   | 0.05                                       | 0.20   | 0.21   | 0.22  |
| Subtotal other expenditure | re                      |  |                                   |  |   | 0.05                                       | 5 0.20   | 0.21   | 0.22  |
| Total                      |                         |  | 0.57                              | 0.57   | -   | 0.22                                       | 0.20   | 0.61   | 0.22  |

## Carpentaria Highway



#### **Key statistics**

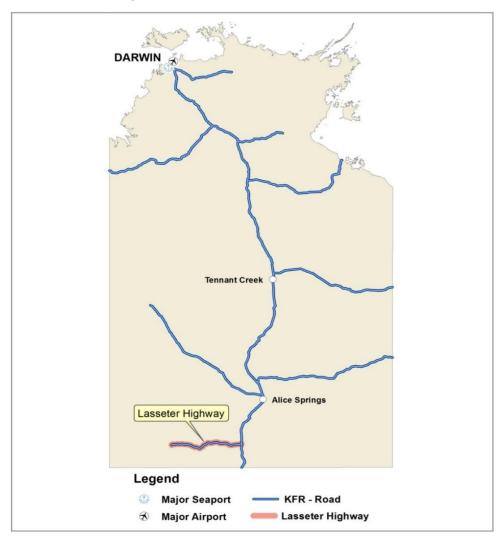
- The Carpentaria Highway is a 380 kilometre long sealed rural arterial road that links the Stuart Highway to Borroloola and the Gulf Region.
- The existing MacArthur River Mine and the developing iron ore prospects along the Nathan River Road rely on the Carpentaria Highway for provision of supplies and transport of heavy equipment.
- Key drivers include cattle, community access and mining.

| Total              | (\$m) |      |
|--------------------|-------|------|
| 2020–21 indicative | (\$m) | 4.19 |
| 2019–20 indicative | (\$m) | 4.14 |
| 2018–19 indicative | (\$m) | 5.59 |
| 2017-18 approved   | (\$m) | 3.31 |

## Carpentaria Highway: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18 Approved all funding sources (\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Rural arterials - pavement strengthening and widening | Katherine               | Pavement strengthening and widening (chainage 128-132.2 km)              | 2.00                              | 2.00   | -   | 1.00                                       | -  | -  | -   |
| Rural arterials - pavement strengthening and widening | Katherine               | Pavement strengthening and widening (chainage 112-114 km)                | 2.20                              | 2.20   | -   | 0.40                                       | 1.80   | -  | -   |
| Rural arterials - pavement strengthening and widening | Katherine               | Pavement strengthening and widening of various sections                  | 5.70                              | 5.70   | -   | -  | 1.70   | 2.00   | 2.00  |
| Minor New Works                                       | Katherine               | Various minor upgrades,<br>safety and traffic<br>management improvements | 1.47                              | 1.47   | -   | 0.27                                       | 0.40   | 0.40   | 0.40  |
| Subtotal project expenditu                            | re                      |  | 11.37                             | 11.37  | -   | 1.67                                       | 3.90   | 2.40   | 2.40  |
| Other expenditure                                     |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance                                 |                         |  |                                   |  |   | 1.64                                       | 1.69   | 1.74   | 1.79  |
| Subtotal other expenditure                            | )                       |  |                                   |  |   | 1.64                                       | 1.69   | 1.74   | 1.79  |
| Total   |                         |  | 11.37                             | 11.37  | -   | 3.31                                       | 5.59   | 4.14   | 4.19  |

## Lasseter Highway



## Key statistics

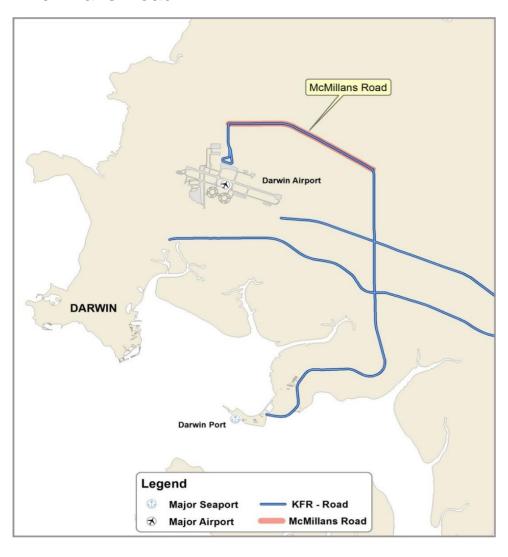
- The Lasseter Highway is a 244 kilometre long sealed rural arterial road that links the Stuart Highway to Uluru.
- Key drivers include tourism, cattle, community access and mineral exploration.

| 2017-18 approved   | (\$m) | 5.57  |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 1.71  |
| 2019–20 indicative | (\$m) | 2.75  |
| 2020–21 indicative | (\$m) | 1.79  |
| Total              | (\$m) | 11.82 |

## Lasseter Highway: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Heavy Vehicle Safety and<br>Productivity Programme<br>(Round 5) - Pavement &<br>Seal Widening | Central<br>Australia    | Widen the pavement and seal between Ch 29-44 km                          | 3.50                              | 1.75   | 1.75  | 3.50   | -  | -  | -   |
| Rural arterials - pavement strengthening and widening   | Central<br>Australia    | Seal Shoulders   | 0.30                              | 0.30   | -   | 0.30   | -  | -  | -   |
| Rural arterials - pavement strengthening and widening   | Central<br>Australia    | Pavement strengthening and widening of various sections                  | 1.00                              | 1.00   | -   | -  | -  | 1.00   | -   |
| Minor New Works   | Central<br>Australia    | Various minor upgrades,<br>safety and traffic<br>management improvements | 1.30                              | 1.30   | -   | 0.40   | 0.30   | 0.30   | 0.30  |
| Subtotal project expenditu  | re                      |  | 6.10                              | 4.35   | 1.75  | 4.20   | 0.30   | 1.30   | 0.30  |
| Other expenditure   |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance   |                         |  |                                   |  |   | 1.37   | 1.41   | 1.45   | 1.49  |
| Subtotal other expenditure  | )                       |  |                                   |  |   | 1.37   | 1.41   | 1.45   | 1.49  |
| Total   |                         |  | 6.10                              | 4.35   | 1.75  | 5.57   | 1.71   | 2.75   | 1.79  |

#### McMillans Road



## Key statistics

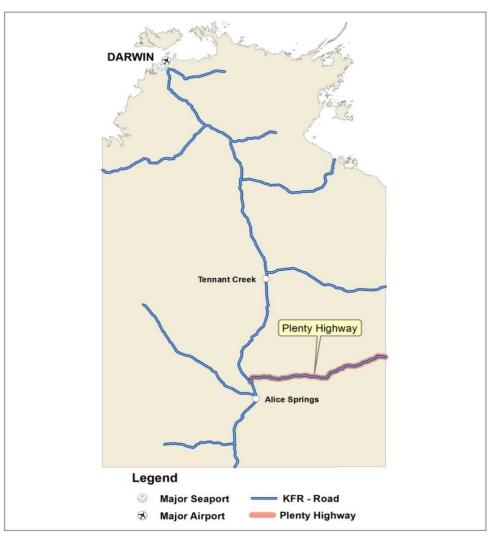
- McMillans Road is a 13.3 kilometre long sealed urban arterial road that links Darwin and the Stuart Highway to the Darwin International Airport.
- Key drivers are urban use, community access and airport access.

| 2017-18 approved   | (\$m) | 1.88 |
|--------------------|-------|------|
| 2018–19 indicative | (\$m) | 2.59 |
| 2019–20 indicative | (\$m) | 0.49 |
| 2020–21 indicative | (\$m) | 0.09 |
| Total              | (\$m) | 5.05 |

## McMillans Road: Planned Expenditure and Investment

| Project  | Location<br>description | Work<br>description   | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--|-------------------------|---|-----------------------------------|--|---|--|--|--|---|
| Strengthen and resurface ageing pavements on the urban arterial road network | Darwin                  | Strengthen pavement and asphalt resurface - Lee Pt to Mueller Road Outbound Lanes | 1.19                              | 1.19   | -   | 1.19   | -  | -  | -   |
| Strengthen and resurface ageing pavements on the urban arterial road network | Darwin                  | Strengthen pavement and asphalt resurface; various sections                       | 2.50                              | 2.50   | -   | -  | 2.50   | -  | -   |
| Road safety and traffic management improvements on urban arterials           | Darwin                  | Upgrade intersection of<br>McMillans Road and<br>Kalymnos Drive                   | 0.38                              | 0.38   | -   | 0.31   | -  | -  | -   |
| Minor New Works  | Darwin                  | Various minor upgrades,<br>safety and traffic<br>management improvements.         | 0.69                              | 0.69   | -   | 0.29   | -  | 0.40   | -   |
| Subtotal project expenditu   | re                      |   | 4.76                              | 4.76   | -   | 1.79   | 2.50   | 0.40   | -   |
| Other expenditure  |                         |   |                                   |  |   |  |  |  |   |
| Repairs & Maintenance  |                         |   |                                   |  |   | 0.09   | 0.09   | 0.09   | 0.09  |
| Subtotal other expenditure   | )                       |   |                                   |  |   | 0.09   | 0.09   | 0.09   | 0.09  |
| Total  |                         |   | 4.76                              | 4.76   | -   | 1.88   | 2.59   | 0.49   | 0.09  |

## Plenty Highway



## Key statistics

- The Plenty Highway is a 499 kilometre long rural arterial road that links the Stuart Highway (north of Alice Springs) to the Queensland border, and connects to the Donohue Highway in Queensland.
- The Plenty Highway is part of the Outback Way tourist route.
- The road is sealed (single lane) for the first 97 kilometres from the Stuart Highway, with the remaining 402 kilometres being unsealed.
- Key drivers are cattle, community access, mineral exploration and tourism.

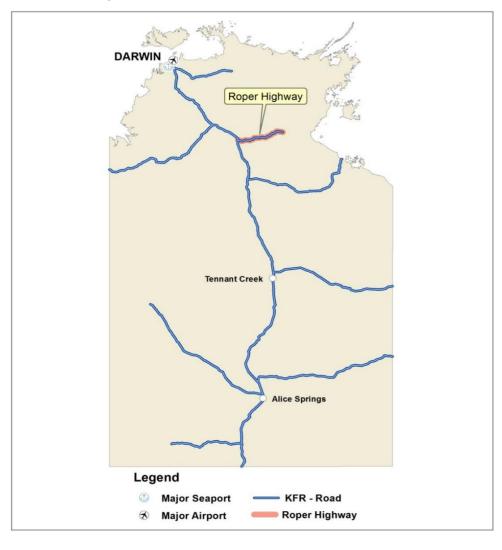
| 2017-18 approved   | (\$m) | 20.85 |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 21.74 |
| 2019–20 indicative | (\$m) | 14.15 |
| 2020–21 indicative | (\$m) | 18.61 |
| Total              | (\$m) | 75.35 |

## Plenty Highway: Planned Expenditure and Investment

| Project  | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Improve Outback Way<br>Roads   | Central<br>Australia    | Upgrade and seal various sections between end of seal and Harts Range    | 20.25                             | 10.13  | 10.13   | 4.62   | -  | -  | -   |
| Outback Way - Plenty<br>Highway upgrade and seal<br>beyond Harts Range (ch<br>146.3 – 151.8) | Central<br>Australia    | Upgrade and seal beyond<br>Harts Range (ch 146.3 –<br>151.8)             | 6.25                              | 1.25   | 5.00  | 1.60   | 4.65   | -  | -   |
| Northern Australia Roads<br>Programme - Plenty<br>Highway Upgrade                            | Central<br>Australia    | Upgrade and seal various sections  | 25.00                             | 5.00   | 20.00   | 12.10  | 12.90  | -  | -   |
| Northern Australia Roads<br>Programme - Plenty<br>Highway Upgrade                            | Central<br>Australia    | Upgrade and seal various sections  | 25.90                             | 5.18   | 20.72   | -  | -  | 10.00  | 15.90   |
| Rural arterials - pavement strengthening and widening  | Central<br>Australia    | Pavement strengthening and widening Ch 45.9-51.4 km                      | 2.10                              | 2.10   | -   | 0.50   | 1.60   | -  | -   |
| Rural arterials - pavement strengthening and widening  | Central<br>Australia    | Pavement strengthening and widening of various sections                  | 2.00                              | 2.00   | -   | -  | -  | 2.00   | -   |
| Minor New Works  | Central<br>Australia    | Various minor upgrades,<br>safety and traffic<br>management improvements | 1.00                              | 1.00   | -   | -  | 0.50   | -  | 0.50  |
| Subtotal project expenditur  | re                      |  | 82.50                             | 26.66  | 55.85   | 18.82  | 19.65  | 12.00  | 16.40   |
|  |                         |  |                                   | (continued)  |   |  |  |  |   |

| Project                 | Location<br>description | Work<br>description | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|-------------------------|-------------------------|---------------------|-----------------------------------|--|---|--|--|--|---|
| Other expenditure       |                         |                     |                                   |  |   |  |  |  |   |
| Repairs & Maintenance   |                         |                     |                                   |  |   | 2.03   | 2.09   | 2.15   | 2.21  |
| Subtotal other expendit | ure                     |                     |                                   |  |   | 2.03   | 2.09   | 2.15   | 2.21  |
| Total                   |                         |                     | 82.                               | 50 26.66   | 55.85   | 20.85  | 21.74  | 14.15  | 18.61   |

## Roper Highway



## Key statistics

- The Roper Highway is a 204 kilometre long rural secondary road that links the Stuart Highway (at Mataranka) to Roper Mineral region and the community of Ngukurr.
- The road is sealed (predominantly single lane) for the first 134 kilometres from the Stuart Highway, with the remaining 70 kilometres being unsealed.

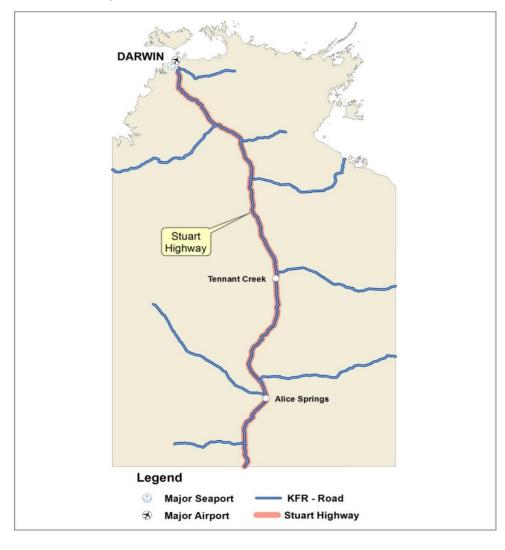
| 2017-18 approved   | (\$m) | 15.22 |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 6.32  |
| 2019–20 indicative | (\$m) | 1.24  |
| 2020–21 indicative | (\$m) | 1.68  |
| Total              | (\$m) | 24.46 |

## Roper Highway: Planned Expenditure and Investment

| Project  | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Heavy Vehicle Safety and<br>Productivity Programme -<br>Round 4 - Roper Highway<br>Upgrade Truck Parking<br>Bays | - Katherine             | Upgrading of three truck<br>parking bays (at chainages<br>37.7 km, 56 km and 86 km)<br>from unsealed to sealed<br>standard | 1.50                              | 0.75   | 0.75  | 0.86   | -  | -  | -   |
| Regional Roads<br>Productivity Package -<br>Roper Highway  | Katherine               | Construct high level bridges over the Roper and Wilton Rivers  | 50.90                             | 8.40   | 42.50   | 9.36   | -  | -  | -   |
| Secondary and Local<br>Roads Pavement<br>Strengthening and<br>Widening   | Katherine               | Pavement strengthening and widening at various locations along the Roper Highway (chainages 0-134 km)                      | 6.36                              | 6.36   | -   | 3.82   | -  | -  | -   |
| Secondary and Local<br>Roads Pavement<br>Strengthening and<br>Widening   | Katherine               | Pavement strengthening and widening at various locations along the Roper Highway (chainages 0-134 km)                      | 1.50                              | 1.50   | -   | -  | 1.50   | -  | -   |
| Progressive upgrade and seal from Fizzer Creek to Ngukurr  | Katherine               | Upgrade and seal selected<br>sections between Fizzer<br>Creek and Ngukurr  | 4.00                              | 3.50   | 0.50  | 0.50   | 3.22   | -  | -   |
| Minor New Works  | Katherine               | Various minor upgrades,<br>safety and traffic<br>management improvements   | 0.80                              | 0.80   | -   | -  | 0.40   | -  | 0.40  |
| Subtotal project expenditu   | re                      |  | 65.06                             | 21.31  | 43.75   | 14.54  | 5.12   | -  | 0.40  |
|  |                         |  |                                   | (continued)  |   |  |  |  |   |

| Project                  | Location<br>description | Work<br>description | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--------------------------|-------------------------|---------------------|-----------------------------------|--|---|--|--|--|---|
| Other expenditure        |                         |                     |                                   |  |   |  |  |  |   |
| Repairs & Maintenance    |                         |                     |                                   |  |   | 0.68   | 1.20   | 1.24   | 1.28  |
| Subtotal other expenditu | re                      |                     |                                   |  |   | 0.68   | 1.20   | 1.24   | 1.28  |
| Total                    |                         |                     | 65.00                             | 5 21.31  | 43.75   | 15.22  | 6.32   | 1.24   | 1.68  |

## Stuart Highway



## **Key statistics**

- The Stuart Highway is a 1786 kilometre long sealed Rural National Highway that extends from Darwin to the South Australian border.
- The road is part of the National Land Transport Network and is the major Northern Territory transport corridor.
- · The Stuart Highway provides a major link through the territory for both freight and tourism.

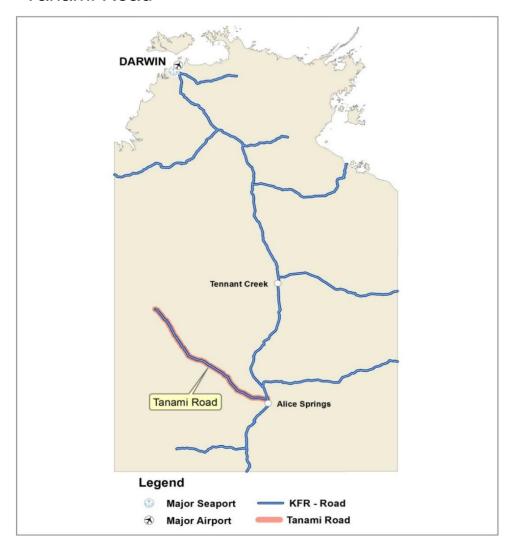
| Total              | (\$m) | 100.67 |
|--------------------|-------|--------|
| 2020–21 indicative | (\$m) | 18.41  |
| 2019–20 indicative | (\$m) | 18.96  |
| 2018–19 indicative | (\$m) | 27.88  |
| 2017-18 approved   | (\$m) | 35.42  |

## Stuart Highway: Planned Expenditure and Investment

| Project  | Location<br>description               | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|--|---------------------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Northern Territory Road<br>Package - Safety and<br>Fatigue Management        | Katherine                             | Install new rest areas Ch<br>658.09 & 535.5 km                                   | 1.72                              | -  | 1.72  | 0.34   | -  | -  | -   |
| Northern Territory Road<br>Package - Safety and<br>Fatigue Management        | Central<br>Australia                  | Duplication North of Alice<br>Springs between MVR and<br>Telegraph Terrace       | 11.51                             | -  | 11.51   | 2.90   | 8.36   | -  | -   |
| Stuart Highway Upgrade -<br>Pinelanes to Industrial<br>Precinct Access       | Palmerston<br>& Litchfield            | Upgrade the Stuart Highway -<br>Pinelanes to Industrial<br>Precinct Access       | 6.00                              | 6.00   | -   | 5.78   | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                            | Palmerston<br>& Litchfield            | Pavement Strengthening<br>Coolalinga Ch 27.4-28.7 km                             | 3.35                              | -  | 3.35  | 3.04   | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                            | Various                               | Resealing of various sections  | 7.20                              | -  | 7.20  | 5.20   | 2.00   | -  | -   |
| Strengthen and resurface ageing pavements on the urban arterial road network | Darwin,<br>Palmerston<br>& Litchfield | Strengthen pavement and asphalt resurface various sections of the Stuart Highway | 1.00                              | 1.00   | -   | -  | -  | 1.00   | -   |
| Minor New Works  | Various                               | Various minor upgrades,<br>safety and traffic<br>management improvements         | 13.06                             | 13.06  | -   | 4.06   | 3.00   | 3.00   | 3.00  |
| Subtotal project expenditu   | re                                    |  | 43.84                             | 20.06  | 23.78   | 21.32  | 13.36  | 4.00   | 3.00  |
|  |                                       |  |                                   | (continued)  |   |  |  |  |   |

| Project                   | Location<br>description | Work<br>description | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---------------------------|-------------------------|---------------------|-----------------------------------|--|---|--|--|--|---|
| Repairs & Maintenance     |                         |                     |                                   |  |   | 14.10  | 14.52  | 14.96  | 15.41   |
| Subtotal other expenditur | e                       |                     |                                   |  |   | 14.10  | 14.52  | 14.96  | 15.41   |
| Total                     | <u> </u>                |                     | 43.84                             | 20.06  | 23.78   | 35.42  | 27.88  | 18.96  | 18.41   |

#### Tanami Road



## **Key statistics**

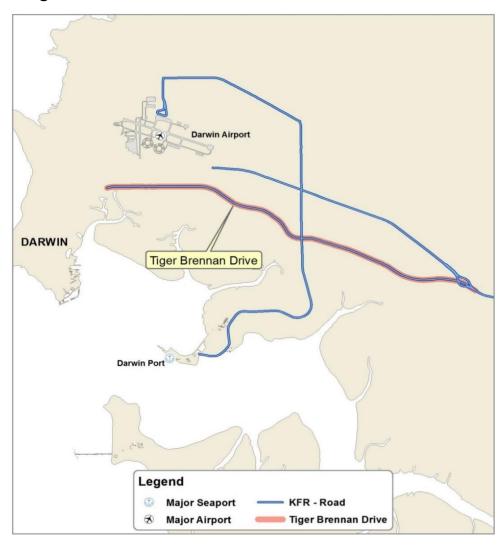
- The Tanami Highway is a 703 kilometre long rural arterial road that links the Stuart Highway (north of Alice Springs) to the Tanami Mineral region and the Western Australia border.
- The road is part sealed (240 kilometres), with the remaining 463 kilometres being unsealed.

| 2017-18 approved   | (\$m) | 6.52  |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 4.30  |
| 2019–20 indicative | (\$m) | 2.88  |
| 2020–21 indicative | (\$m) | 4.46  |
| Total              | (\$m) | 18.16 |

## Tanami Road: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18 Approved all funding sources (\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Tanami Road upgrade   | Central<br>Australia    | Extending the seal towards Yuendumu                                      | 3.00                              | 3.00   | -   | 2.99                                       | -  | -  | -   |
| Rural arterials - pavement<br>strengthening and<br>widening | Central<br>Australia    | Seal shoulders (various locations)                                       | 0.30                              | 0.30   | -   | 0.30                                       | -  | -  | -   |
| Rural arterials - pavement<br>strengthening and<br>widening | Central<br>Australia    | Pavement strengthening and widening (various locations)                  | 3.00                              | 3.00   | -   | -  | 1.50   | -  | 1.50  |
| Minor New Works   | Central<br>Australia    | Various minor upgrades,<br>safety and traffic<br>management improvements | 0.90                              | 0.90   | -   | -  | 0.30   | 0.30   | 0.30  |
| Subtotal project expenditu                                  | re                      |  | 7.20                              | 7.20   | -   | 3.29                                       | 1.80   | 0.30   | 1.80  |
| Other expenditure   |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance                                       |                         |  |                                   |  |   | 3.23                                       | 2.50   | 2.58   | 2.66  |
| Subtotal other expenditure                                  | 1                       |  |                                   |  |   | 3.23                                       | 2.50   | 2.58   | 2.66  |
| Total   |                         |  | 7.20                              | 7.20   | -   | 6.52                                       | 4.30   | 2.88   | 4.46  |

## Tiger Brennan Drive



## **Key statistics**

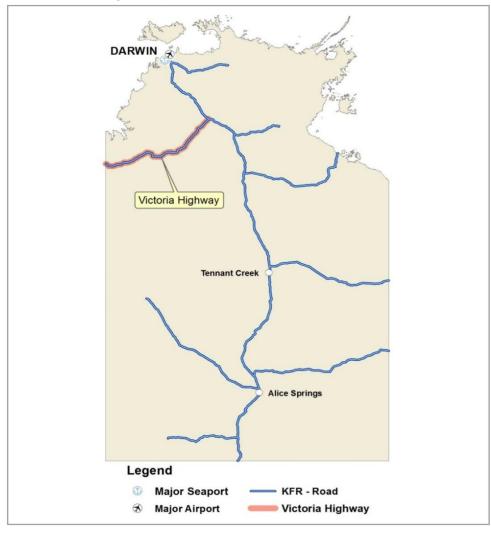
- The Tiger Brennan Drive is an 18.5 kilometre long sealed major urban arterial road linking Darwin and Palmerston and is a major freight route to port and rail facilities.
- The road is part of the National Land Transport network.
- Key drivers are urban use and freight distribution.

| Total              | (\$m) | 8.92 |
|--------------------|-------|------|
| 2020–21 indicative | (\$m) | 1.84 |
| 2019–20 indicative | (\$m) | 1.82 |
| 2018–19 indicative | (\$m) | 1.80 |
| 2017-18 approved   | (\$m) | 3.46 |

## Tiger Brennan Drive: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description   | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|---|-----------------------------------|--|---|--|--|--|---|
| Tiger Brennan Drive<br>Duplication - Darwin CBD<br>to Berrimah Road | Darwin                  | Duplication of the Tiger<br>Brennan Drive between<br>Berrimah Road to Dinah<br>Beach Road | 115.08                            | 45.08  | 70.00   | 2.13   | -  | -  | -   |
| Minor New Works   | Darwin                  | Various minor upgrades,<br>safety and traffic<br>management improvements                  | 3.06                              | 3.06   | -   | 0.06   | 1.00   | 1.00   | 1.00  |
| Subtotal project expenditu  | re                      |   | 118.14                            | 48.14  | 70.00   | 2.19   | 1.00   | 1.00   | 1.00  |
| Other expenditure   |                         |   |                                   |  |   |  |  |  |   |
| Repairs & Maintenance   |                         |   |                                   |  |   | 1.27   | 0.80   | 0.82   | 0.84  |
| Subtotal other expenditure  | )                       |   |                                   |  |   | 1.27   | 0.80   | 0.82   | 0.84  |
| Total   |                         |   | 118.14                            | 48.14  | 70.00   | 3.46   | 1.80   | 1.82   | 1.84  |

## Victoria Highway



## Key statistics

- The Victoria Highway is a 469 kilometre long sealed Rural National Highway that extends from the Stuart Highway at Katherine to the Western Australian border.
- The road is part of the National Land Transport Network and is the key transport and freight link to Western Australia.
- Key drivers include mining, cattle, tourism and community access.

| 2017-18 approved   | (\$m) | 21.19 |
|--------------------|-------|-------|
| 2018–19 indicative | (\$m) | 22.79 |
| 2019–20 indicative | (\$m) | 3.66  |
| 2020–21 indicative | (\$m) | 3.75  |
| Total              | (\$m) | 51.39 |

## Victoria Highway: Planned Expenditure and Investment

| Project   | Location<br>description | Work<br>description  | Indicative<br>total cost<br>(\$m) | NT<br>Government /<br>other<br>contribution<br>(\$m) | Australian<br>Government<br>contribution<br>(\$m) | 2017-18<br>Approved all<br>funding<br>sources<br>(\$m) | 2018-19<br>Indicative all<br>funding<br>sources<br>(\$m) | 2019-20<br>Indicative all<br>funding<br>sources<br>(\$m) | 2020-21<br>Indicative all<br>funding sources<br>(\$m) |
|---|-------------------------|--|-----------------------------------|--|---|--|--|--|---|
| Northern Territory Road<br>Package - Flood Immunity<br>- Victoria Highway   | Katherine               | Upgrading Saddle Creek<br>crossing on the Victoria<br>Highway to improve flood<br>immunity | 6.83                              | -  | 6.83  | 0.33   | -  | -  | -   |
| Victoria Highway - New<br>Bridges over Little Horse<br>and Big Horse Creeks | Katherine               | Construct new high level<br>bridges at Little Horse and<br>Big Horse Crossings             | 35.50                             | 15.49  | 20.01   | 7.74   | 18.72  | -  | -   |
| Northern Territory Road<br>Package - Safety and<br>Fatigue Management       | Katherine               | Install new rest area Ch<br>453.47 km  | 0.96                              | -  | 0.96  | 0.13   | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                           | Katherine               | Pavement Strengthening Ch<br>87-95.8 km  | 6.39                              | -  | 6.39  | 6.23   | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                           | Katherine               | Pavement Strengthening Ch<br>80-82.5 km  | 2.62                              | -  | 2.62  | 2.62   | -  | -  | -   |
| National Network<br>Strengthening and<br>Widening                           | Katherine               | Resealing of various sections  | 1.68                              | -  | 1.68  | 1.18   | 0.50   | -  | -   |
| Minor New Works   | Katherine               | Various minor upgrades, safety and traffic management improvements.                        | 1.88                              | 1.88   | -   | 0.08   | 0.60   | 0.60   | 0.60  |
| Subtotal project expenditu  | ire                     |  | 55.86                             | 17.37  | 38.49   | 18.31  | 19.82  | 0.60   | 0.60  |
| Other expenditure   |                         |  |                                   |  |   |  |  |  |   |
| Repairs & Maintenance   | Katherine               | Repairs & Maintenance  | 12.06                             | 2.00   | 10.06   | 2.88   | 2.97   | 3.06   | 3.15  |

| Subtotal other expenditure |       |       |       | 2.88  | 2.97  | 3.06 | 3.15 |
|----------------------------|-------|-------|-------|-------|-------|------|------|
| Total                      | 55.86 | 17.37 | 38.49 | 21.19 | 22.79 | 3.66 | 3.75 |