



Australian Capital Territory

2001-02 Budget Consultation:

Phase II

Planning and Urban Services

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DRAFT BUDGET INITIATIVES

Summary of Financial Impact

| | 2001-02 Budget \$'000 | 2002-03 Estimate \$'000 | 2003-04 Estimate \$'000 | 2004-05 Estimate \$'000 |
|---|-----------------------------|-------------------------------|-------------------------------|-------------------------------|
| Revenue | | | | |
| Additional Speed and Red Light Camera | 1 900 | 2 300 | 2 200 | 2 200 |
| Increase/(Decrease) in Revenue | 1 900 | 2 300 | 2 200 | 2 200 |
| Expenses | | | | |
| ACTION Operating Funding | 940 | 0 | 0 | 0 |
| Garden Waste Recycling Services | 310 | 310 | 310 | 310 |
| Implementation of the ACT Greenhouse Strategy | 180 | 56 | 57 | 58 |
| Information Infrastructure – Completion of Service Easements and Stormwater Core Data | 0 | 65 | 65 | 65 |
| Trial of 50km/h Speed Limit | 199 | 119 | 179 | 34 |
| Additional Speed and Red Light Cameras | 847 | 847 | 847 | 847 |
| Territory Records Bill | 175 | 179 | 184 | 188 |
| Restructuring of ACT Workcover | 100 | 102 | 104 | 106 |
| Increase/(Decrease) in Expenses | 2 751 | 1 678 | 1 746 | 1 608 |
| Net Impact on Operating Result | (851) | 622 | 454 | 592 |
| Capital Injection | | | | |
| Information Infrastructure – Completion of Service Easements and Stormwater Core Data | 647 | 0 | 0 | 0 |
| Increase/(Decrease) in Capital Injection | 647 | 0 | 0 | 0 |

Initiative Descriptions

| ACTION Operating Funding | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|
| Expenses | 940 | 0 | 0 | 0 |

This initiative provides funding to ACTION to meet the increased costs of essential spare and replacement parts and increased operating costs including the costs of ticketing.

| Garden Waste Recycling Services | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|--|-------------------|-------------------|-------------------|-------------------|
| Expenses | 310 | 310 | 310 | 310 |

This *No Waste by 2010* project will meet the anticipated increased costs in providing garden waste recycling services at the Mugga Lane and West Belconnen landfills.

It will ensure the continued provision of garden waste recycling services and will allow for increases to the volume of garden waste being accepted and processed. It underpins the Government's commitment to reduce the level of waste going to landfill and is a key element of the *Next Step* strategy in the *No Waste by 2010* initiative. This initiative will ensure that the service remains free to users to encourage the use of alternatives to waste disposal.

| Implementation of the ACT Greenhouse Strategy | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|--|-------------------|-------------------|-------------------|-------------------|
| Expenses | 180 | 56 | 57 | 58 |

As part of the Government's commitment to reduce greenhouse gas emissions by 700,000 tonnes/annum by 2008, assistance will be provided to small to medium sized commercial enterprises to help these businesses identify ways of reducing energy consumption and greenhouse emissions.

An energy efficient lighting refit project will be carried out in Macarthur House. This pilot project will demonstrate the energy savings that can be achieved by the application of innovative technology to government owned and commercial office buildings.

A campaign will be undertaken to increase awareness of the actions that individuals and households can take to reduce their own greenhouse gas emissions. The campaign will provide a local focus for a national greenhouse awareness campaign about to be launched by the Commonwealth.

| Information Infrastructure – Completion of Service Easements and Stormwater Core Data | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|--|-------------------|-------------------|-------------------|-------------------|
| Expenses | 0 | 65 | 65 | 65 |
| Capital Injection | 647 | 0 | 0 | 0 |

This initiative provides for the capture of stormwater and easement data. Accurate and complete data will provide substantial benefits to developers, builders, certifiers, the Government and the community.

The project will gather information on the location and type of service easement and stormwater pipes. This data will form a repository of information to enable the provision of broad planning advice. It will reduce the risk of approving applications without reference to complete data and will provide for better customer service.

The funding will support the Government's commitment to making Canberra a leader in IT services in both the public and private sectors. The provision of information to the public through an electronic "one stop shop" relies on having the required information available and this initiative will ensure that accurate information is available to the public in an easily accessible and timely manner.

| Trial of 50km/h Speed Limit | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Expenses | 199 | 119 | 179 | 34 |

This initiative provides for a public information campaign, evaluation and management of a two year trial of 50 km/h speed limits in residential suburbs in the ACT as recommended by the Assembly Standing Committee on Planning and Urban Services in 1999.

Based on the findings of similar trials undertaken throughout NSW, the funding will provide for significant road safety benefits in terms of reduced speeds and traffic accidents. The trial will establish, within the framework of the unique road hierarchy in the ACT, whether similar results will be achieved within the ACT. It will also determine the viability of permanently introducing 50 km/h speed limits and whether there will be an increase in public amenity and generally safer roads across the ACT.

Installation of signage associated with the trial is being funded from within the 2000-01 capital works program.

| Additional Speed and Red Light Cameras | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|---|-------------------|-------------------|-------------------|-------------------|
| Revenue | 1 900 | 2 300 | 2 200 | 2 200 |
| Expenses | 847 | 847 | 847 | 847 |

The initiative furthers the Government's commitment to provide safer roads by targeting speeding and red light running and builds on the existing speed and red light camera program introduced in 1999. It is anticipated that this program will result in a significant reduction in road trauma within the community, in conjunction with education and other strategies.

As part of the Government's road safety efforts additional red light/speed cameras and funding of an additional shift for the current mobile speed cameras will be provided.

| Territory Records Bill | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|
| Expenses | 175 | 179 | 184 | 188 |

This project provides for the establishment, appointment and recurrent operating costs for the Office of the Director of Territory Records, following the successful passage of the *Territory Records Bill 2001*.

The Office will monitor the implementation of Australian Standard AS4390 on Records Management.

The initiative provides the legislative framework for the creation of accurate records of government transactions and the management of those records so that the information can be retrieved in a cost effective and efficient way.

| Restructuring of ACT Workcover | 2001-02 \$'000 | 2002-03 \$'000 | 2003-04 \$'000 | 2004-05 \$'000 |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Expenses | 100 | 102 | 104 | 106 |

This initiative provides for the restructuring of ACT Workcover following the creation of the Office of the Occupational Health and Safety Commissioner as a separate reporting entity in June 2000, and legal costs for additional regulatory activity. The primary responsibilities of the Office include promoting and regulating workplace safety, promoting good injury management practices, and regulating the operation of worker's compensation arrangements and the management of dangerous goods.

DRAFT CAPITAL WORKS PROGRAM

Summary of Financial Impact

| | Estimated Total Cost \$'000 | 2001-02 Financing \$'000 | 2002-03 Financing \$'000 | 2003-04 Financing \$'000 | Estimated Completion Date |
|---|-----------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| <i>Environment ACT</i> | | | | | |
| Minor New Works – Environment ACT | 1 145 | 1 145 | 0 | 0 | June 2002 |
| <i>Forward Design</i> | | | | | |
| Jerrabomberra Wetlands Renewal | 15 | 15 | 0 | 0 | June 2002 |
| Cotter Precinct Design Study | 15 | 15 | 0 | 0 | June 2002 |
| Tidbinbilla Aviary Design Study | 50 | 50 | 0 | 0 | June 2002 |
| Heritage and Nature Trail Strategies | 40 | 40 | 0 | 0 | June 2002 |
| | 1 265 | 1 265 | 0 | 0 | June 2002 |
| <i>ACT Waste</i> | | | | | |
| West Belconnen Landfill – Resource Recovery Estate Infrastructure Improvements | 500 | 500 | 0 | 0 | June 2002 |
| | 500 | 500 | 0 | 0 | |
| <i>Roads and Stormwater</i> | | | | | |
| Arterial Roads Barriers Upgrading | 300 | 300 | 0 | 0 | June 2002 |
| Athllon Drive – Pavement Rehabilitation | 2 650 | 2 650 | 0 | 0 | June 2002 |
| Bicycle Path Rehabilitation | 500 | 500 | 0 | 0 | Dec 2002 |
| Bike Path TTC – Athllon Drive Western Route: Stage 3 | 280 | 280 | 0 | 0 | Mar 2002 |
| Braddon/Ainslie Stormwater Augmentation: Stage 4 | 1 000 | 1 000 | 0 | 0 | June 2002 |
| Commonwealth Avenue Pavement Rehabilitation: Stage 2 | 1 000 | 1 000 | 0 | 0 | Apr 2002 |
| Crime Prevention Initiative 5 - Street Lighting | 1 000 | 500 | 500 | 0 | Mar 2003 |
| Footpath Rehabilitation | 500 | 500 | 0 | 0 | June 2002 |
| Heavy Vehicle Route Bridges – Bindubi St over Pedestrian Underpass | 400 | 400 | 0 | 0 | Apr 2002 |
| Linemarking Improvements on Secondary Arterial Roads | 500 | 500 | 0 | 0 | June 2002 |
| Mountain Creek Road – Bridge Replacement | 300 | 300 | 0 | 0 | Mar 2002 |
| On-Road Cycling – Belconnen Way / Parkes Way | 200 | 200 | | | June 2002 |
| Traffic Light Upgrades | 250 | 250 | 0 | 0 | Apr 2002 |
| Traffic Route Lighting | 450 | 450 | 0 | 0 | June 2002 |
| Minor New Works – Roads and Stormwater | 927 | 927 | 0 | 0 | June 2002 |
| <i>Forward Design</i> | | | | | |
| Heavy Vehicle Route Bridges Upgrading Stage 4 | 100 | 100 | 0 | 0 | May 2002 |
| | 10 357 | 9 857 | 500 | 0 | |
| <i>Canberra Urban Parks and Places</i> | | | | | |
| Landscape Upgrade Program | 600 | 300 | 300 | 0 | June 2003 |
| Memorial Parks Campbell | 150 | 150 | 0 | 0 | June 2002 |
| Playground Safety Program | 1 250 | 750 | 500 | 0 | June 2003 |
| Public Toilets Refurbishment and Safety Upgrade | 400 | 200 | 200 | | June 2003 |
| Street and Park Tree Replacement Program | 500 | 200 | 200 | 100 | June 2004 |
| City Walk Refurbishment – Top End Completion | 550 | 550 | 0 | 0 | June 2002 |
| Griffith Shopping Centre Refurbishment | 800 | 800 | 0 | 0 | June 2002 |
| Kambah Village Refurbishment | 1 400 | 700 | 700 | | Dec 2002 |
| Jamison Shopping Centre Refurbishment | 800 | 400 | 400 | | Dec 2002 |

| | Estimated Total Cost \$'000 | 2001-02 Financing \$'000 | 2002-03 Financing \$'000 | 2003-04 Financing \$'000 | Estimated Completion Date |
|--|-----------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Hobart Place Refurbishment | 2 000 | 800 | 1 200 | 0 | June 2003 |
| <i>Forward Design</i> | | | | | |
| Belconnen Lakeshore Refurbishment | 350 | 350 | 0 | 0 | June 2002 |
| Precinct Refurbishment – Three Shopping Centres | 300 | 300 | 0 | 0 | June 2002 |
| | 9 100 | 5 500 | 3 500 | 100 | |
| <i>Planning and Land Management</i> | | | | | |
| Amaroo Neighbourhood Oval | 560 | 560 | 0 | 0 | June 2002 |
| Amaroo North Infrastructure – Stage 2 | 900 | 900 | 0 | 0 | Feb 2002 |
| Lawson Infrastructure Stage 1 | 1 000 | 1 000 | 0 | 0 | June 2002 |
| Minor New Works – Planning and Land Management | 300 | 300 | 0 | 0 | June 2002 |
| Gordon – Knoke Ave Infrastructure | 1 100 | 1 100 | 0 | 0 | June 2002 |
| Nicholls Section 73, Block 12 Access Rd | 700 | 700 | 0 | 0 | June 2002 |
| Horsepark Drive Access – Gundaroo Dr to Amaroo – Stage 2 | 2 600 | 2 600 | 0 | 0 | June 2002 |
| <i>Forward Design</i> | | | | | |
| Horse Park Drive – Katherine Ave to Community Precinct | 250 | 250 | 0 | 0 | May 2002 |
| Amaroo North Infrastructure – Stage 3 | 100 | 100 | 0 | 0 | Apr 2002 |
| <i>Feasibility Studies</i> | | | | | |
| Belconnen Town Centre Infrastructure | 80 | 80 | 0 | 0 | June 2002 |
| | 7 590 | 7 590 | 0 | | |
| <i>Public Transport</i> | | | | | |
| Accessible Public Transport Facilities | 200 | 200 | 0 | 0 | May 2002 |
| Minor New Works – Public Transport | 400 | 400 | 0 | 0 | June 2002 |
| <i>Forward Design</i> | | | | | |
| Relocation of Woden Bus Interchange | 150 | 150 | 0 | 0 | June 2002 |
| | 750 | 750 | 0 | | |
| <i>ACT Forests</i> | | | | | |
| Public Use Works (Part A) – Stromlo and Kowen Districts | 140 | 140 | 0 | 0 | June 2002 |
| Hume Weighbridge Upgrade | 100 | 100 | 0 | 0 | June 2002 |
| | 240 | 240 | 0 | | |
| <i>Road Safety and Congestion Program</i> | | | | | |
| Gungahlin Dr (Wells Station Dr / Barton Hwy) | 2 800 | 2 800 | 0 | 0 | June 2002 |
| Cotter Rd (Streeton Dr / Tuggeranong Parkway) | 2 400 | 2 400 | 0 | 0 | Mar 2002 |
| Drakeford Drive (Taverner St / Erindale Drv) | 3 200 | 3 200 | 0 | 0 | Mar 2002 |
| Horsepark Dr (Gundaroo Dr / Federal Highway) | 7 000 | 1 000 | 6 000 | 0 | June 2003 |
| Majura Road – Upgrade of Existing Road | 3 200 | 200 | 3 000 | 0 | June 2003 |
| Morshead Dr / Pialligo (to the airport) | 4 000 | 1 000 | 3 000 | 0 | June 2003 |
| Northbourne Ave / Ipima St Intersection | 520 | 520 | 0 | 0 | Apr 2002 |
| Northbourne Ave / Barry Dr Intersection | 1 470 | 120 | 1 350 | 0 | Apr 2003 |
| | 24 590 | 11 240 | 13 350 | | |
| <i>Land and Property</i> | | | | | |
| Relocation / Fitout Swanson Plaza | 116 | 116 | 0 | 0 | June 2002 |
| Moore St Building Refurbishment | 300 | 300 | 0 | 0 | June 2002 |
| Minor New Works – Land and Property | 500 | 350 | 150 | 0 | June 2003 |
| | 916 | 766 | 150 | 0 | |
| Total New Capital Works | 55 308 | 37 708 | 17 500 | 100 | |

Environment ACT

- *Minor New Works – Environment ACT (\$1.145m)*

The provision of a range of minor new works projects, each individually costed up to \$250,000, within Environment ACT to address issues such as:

- Weed control
- Boboyan Pines Rehabilitation
- Namadgi Visitor Centre Customer Services Upgrade
- Tuggeranong Homestead Infrastructure Works
- Nature Based Tourism Enhancements –Vehicle Nodes, Lookouts, Signage and Visitor Orientation
- Heritage Assets Conservation Works
- Gudgenby Conservation Works and Visitor Infrastructure
- Recreational Facility Upgrades

- *Forward Design - Jerrabomberra Wetlands Renewal (\$0.015m)*

Aimed at identifying options for presentation improvements within the Wetlands in line with Kingston Foreshore Development and construction of the trunk cyclepath significantly impacting the level of use of the Wetlands.

- *Forward Design - Cotter Precinct Design Study (\$0.015m)*

The project aims to investigate options for the upgrade of the tourist precinct around Cotter and the Hotel.

- *Forward Design - Tidbinbilla Aviary Design Study (\$0.050m)*

Investigation and design of an in-flight walk through aviary at Tidbinbilla Nature Reserve.

- *Forward Design - Heritage and Nature Trail Strategies (\$0.040m)*

Design of an integrated nature and heritage trail system within the ACT to link sites within nature reserves to tourism and heritage destinations.

ACT Waste

- *West Belconnen Landfill – Resource Recovery Estate Infrastructure Improvements (\$0.500m)*

Improvements to existing infrastructure to contain all drainage within the landfill water management system and to upgrade access provisions, water supply, power and waste water management.

Roads and Stormwater

- *Arterial Roads Barriers Upgrading (\$0.300m)*

Reconstruction, enhancement and rehabilitation of steel flexbeam barriers on ACT Territorial roads.

- *Athllon Drive - Pavement Rehabilitation (\$2.650m)*

Rehabilitation of the existing road pavement of Athllon Drive between Drakeford Drive and Anketell Street in Tuggeranong.

- *Bicycle Path Rehabilitation (\$0.500m)*

Rehabilitation and replacement of existing pavements along main trunk routes between Belconnen and City, Woden and City and Tuggeranong and Woden, including path realignment.

- *Bike Path TTC - Athllon Drive Western Route - Stage 3 (\$0.280m)*

Construction of a 2.5m wide bike path along the western side of Athllon Dr between Soward Way and Barr Smith Road.

- *Braddon / Ainslie Stormwater Augmentation - Stage 4 (\$1.0m)*

Augmentation of areas in Braddon and Ainslie that do not meet the service standard and suffer increased stormwater run-off from recently completed redevelopment.

- *Commonwealth Avenue Pavement Rehabilitation - Stage 2 (\$1.0m)*

Pavement strengthening and resurfacing, requires rectification and waterproofing to reduce deterioration and extend pavement life. Forms part of the Road Rehabilitation Strategy.

- *Crime Prevention Initiative 5 - Street Lighting (\$1.0m)*

Installation and improvement of street lighting in residential streets, shopping centres and laneways of established areas experiencing crime eg City West.

- *Footpath Rehabilitation (\$0.500m)*

Repairs and improvements to footpaths in shopping centres, open public spaces and road reserves at a range of sites within the ACT.

- *Heavy Vehicle Route Bridges - Bindubi St over Pedestrian Underpass (\$0.400m)*

Strengthening of bridges on heavy vehicle routes for increased loads adopted by the National Road Transport Commission. Project involves replacing two bridges with single bridge complying with current standards.

- *Linemarking Improvements on Secondary Arterial Roads (\$0.500m)*

In line with community expectations, this project is an extension of the Government's commitment to enhance the look of Canberra for the amenity of Canberra's residents and visitors. This project will contribute to this aim and also provide an increase in the level of safety for ACT Roads users.

- *Mountain Creek Road - Bridge Replacement (\$0.300m)*

Replacement of timber bridges on Mountain Creek Road over the Murrumbidgee River with concrete bridges.

- *On-Road Cycling – Belconnen Way / Parkes Way (\$0.200m)*

Smoothing of existing road shoulders, either with AC or slurry seal, for the provision of bike lanes. Also, construction or widening of existing shoulders (to provide bike lanes) and alterations to existing kerbs to remove restrictions.

- *Traffic Light Upgrades (\$0.250m)*

The project provides for the upgrade of a number of old traffic light installations at Captain Cook Cres / Jerrabomberra Ave, Benjamin Way / Chan Street and Benjamin Way / College St to meet current standards.

- *Traffic Route Lighting (\$0.450m)*

The project involves the replacement of existing mercury vapour lamps with more efficient high pressure sodium lamps. It also includes the replacement of potentially unsafe light columns with galvanised metal poles.

- *Minor New Works – Roads and Stormwater (\$0.927m)*

The provision of a range of minor new works projects, each individually costed up to \$250,000, within the roads and stormwater business unit to address issues such as:

- Bike Path Improvements;
- Road Guardrail Rectification;
- Heavy Vehicle Route Bridges Rehabilitation;
- Streetlighting; and
- Traffic Management Measures at Schools

- *Forward Design - Heavy Vehicle Route Bridges Upgrading Stage 4 (\$0.100m)*

This project is required to address heavy vehicle route bridges that require upgrading due to the changes in the axle weight of heavy vehicles using roads and bridges in the ACT and associated safety risks.

Canberra Urban Parks and Places

- *Landscape Upgrade Program (\$0.600m)*

This project covers a range of works to Canberra Urban Parks from providing access to parks for the disabled to removal of problem plant species to prevent clogging of streams. The main aim of the works is for the rectification of landscape safety issues and rehabilitation.

- *Memorial Parks Campbell (\$0.150m)*

The upgrade of four existing parks in Campbell to create additional facilities and provide historic and interpretive memorials for the broader community. The parks will be renamed in honour of military personnel.

- *Playground safety program (\$1.250m)*

This project seeks to upgrade ACT playgrounds to current Australian Standards and ACT guidelines. It also addresses safety issues identified in the ‘Canberra Children’s Playground Survey’.

- *Public Toilets Refurbishment and Safety Upgrade (\$0.400m)*

Public toilets are a major source of community complaint. This project includes the modification of various sites to provide for disabled access. It also replaces aging and unpleasant facilities with automatic self-cleaning facilities in centres and parks.

- *Street and park tree replacement (\$0.500m)*

The project aims to address the need to progressively renew major elements of the landscape assets as they age and assists in meeting the needs of the community in keeping recreational open space at an acceptable standard. Progressive replacement of declining trees in streets to decrease the risk of damage and enhance the landscape.

- *City Walk Refurbishment - Top End Completion (\$0.550m)*

This project will continue to extend the landscape treatment of City Walk / Garema Place, includes the refurbishment of segments of pavement not included in any of the previous projects.

- *Shopping Centre Refurbishment Works – Griffith (\$0.800m), Kambah (\$1.4 m) and Jamison (\$0.8m)*

The project is aimed at the rectification of a range of landscape and infrastructure problems. It will include improvements to shopping centres to accommodate the needs of the disabled, elderly, young children and families. It will also provide improved signage to centres, low maintenance planting, vehicle control measures and upgrading of safety lighting within the centre’s car parking areas.

- *Hobart Place Refurbishment (\$2.0m)*

The refurbishment of severely degraded public infrastructure to afford better access, useability, safety and aesthetics within the area.

- *Forward Design - Belconnen Lakeshore Refurbishment (\$0.350m)*

This design project is to address needs for lakeshore amenity and provision of public facilities identified in the masterplan for the Belconnen Towncentre.

- *Forward Design - Precinct Refurbishment - Three Shopping Centres (\$0.300m)*

Design works for the refurbishment of public infrastructure at local shopping precincts to afford better access, useability, safety and aesthetics.

Planning and Land Management

- *Amaroo Neighbourhood Oval (\$0.560m)*

The construction of a neighbourhood oval in the Amaroo schools and playing fields precinct and includes drainage, topsoiling, grassing, irrigation, erosion and sediment control measures.

- *Amaroo North Infrastructure - Stage 2 (\$0.900m)*

This project allows for an extension of the trunk sewer main and water main that is required to service the land within the Northwest corner of the Amaroo district, prior to its release for future residential development and community use. The proposal also includes the provision of road modifications to meet the Amaroo schools traffic and access requirements.

- *Lawson Infrastructure Stage 1 (\$1.0m)*

This project includes the upgrade of Baldwin Drive / Maribyrnong Avenue intersection to allow access to Lawson. Entrance road to Lawson. Hydraulic services and community path connections to schools and shops. Boundary fencing and associated works.

- *Minor New Works – Planning and Land Management (\$0.300m)*

There are five sets of projects including cyclepaths and footpaths, carparks, minor traffic management, fencing/protection and erosion control.

- *Gordon - Knoke Ave Infrastructure (\$1.100m)*

This project will provide access to the Gordon 6 Estate land release by upgrading the Knoke Avenue intersection with Woodcock Drive to a new roundabout, including road duplication and roundabouts where required.

- *Nicholls Section 73, Block 12 Access Rd (\$0.700m)*

The block is required to be subdivided into smaller blocks prior to releasing, in order for subdivision to occur it is necessary to provide an access road and services. This project will also alleviate land shortages in Nicholls.

- *Horsepark Drive Access - Gundaroo Dr to Amaroo - Stage 2 (\$2.6m)*

This project includes construction of an arterial road along the Horse Park Drive alignment, including a section of Katherine Avenue to the Amaroo 3 Estate. Also includes the provision of pedestrian and floodway crossings, and associated floodway, pond, engineering services and landscaping.

- *Forward Design - Horse Park Drive (Katherine Ave to Community Precinct) (\$0.250m)*

Design works for the construction of stage one road and water mains along the Horse Park Drive alignment from Katherine Avenue to the playing fields, including associated engineering services and landscaping.

- *Forward Design - Amaroo North Infrastructure - Stage 3 (\$0.100m)*

Design works for the third stage of construction of road and services for the community, schools and playing fields at Amaroo. Also addresses road modification, footpath and pedestrian requirements.

- *Feasibility Study - Belconnen Town Centre Infrastructure (\$0.080m)*

To investigate the engineering feasibility of proposed changes to the public transport and road networks on the western side of the Belconnen Town Centre, connection Coulter Drive to Belconnen Way.

Public Transport

- *Accessible Public Transport Facilities (\$0.200m)*

Design and Construction of bus pads on various routes in accordance with the Government Accessible Public Transport Action Plan.

- *Minor Engineering Works 2001-02 (\$0.400m)*

This project encompasses relocation of bus stops, shelters and associated linemarking as a result of changes to the public transport network. The project includes the provision of new bus shelters, seats at bus stops, bike racks and lockers and special bus shelters in Gungahlin.

- *Forward Design - Interchange Relocation (Woden) (\$0.150m)*

Forward design works to provide for new and revised on-street bus interchange facilities at Belconnen and Woden, new bus priority measures on bus routes through the town centres and detailed investigation into bus operation implications.

ACT Forests

- *Public Use Works (Part A) - Stromlo and Kowen Districts (\$0.140m)*

The refurbishment of highly used recreational sites includes new facilities such as public shelters and amenities blocks, aimed at improving customer perception of the quality of facilities.

- *Hume Weighbridge Upgrade (\$0.100m)*

The current weighbridge is insufficient in that it is unable to legally measure D doubles and cannot provide electronic printouts of truck weights. This projects upgrades facilities to address these requirements.

Road Safety and Congestion Program

- *Gungahlin Drive Wells Station Road to Barton Highway (\$2.8m)*

This section of road is 2.5km in length and a duplication would involve the construction of an additional carriageway and one intersection upgrade at the intersection with Sandford Street. Unless the road is upgraded through duplication, access to the upgraded Barton Highway will be constricted. These works will commence concurrently with the Barton Highway Upgrade.

- *Cotter Road Duplication - Streeton Drive to Tuggeranong Parkway (\$2.4m)*

This project involves the construction of an additional carriageway and modifications to one existing intersection. Duplication will assist in reducing the level of traffic congestion during peak periods. These works also take into account the expected increase in the volume of traffic on this road due to the construction of a new Defence facility.

- *Drakeford Drive Taverner Street to Erindale Drive (\$3.2m)*

This project involves construction of an additional carriageway, the widening of one existing underpass and modifications to an existing intersection. These works will assist in improving highly congested public transport access to and from the town centre due to the continued growth in the Tuggeranong Valley region.

- *Horsepark Drive (Gundaroo Dr / Federal Highway) (\$7.0m)*

Construction of a first stage carriageway to a rural road standard along the Horse Park Drive arterial road alignment between Gundaroo Drive and the Federal Highway.

- *Majura Road Upgrade (\$3.2)*

The upgrade of the existing two-lane road includes improvements at intersections, shoulder improvements and the provision for turning traffic at minor access roads. This project will improve road safety and also provide a link between the Gungahlin area and the airport and Fyshwick via the newly upgraded Federal Highway.

- *Morshead Drive / Pialligo (to the airport) (\$4.0m)*

This project involves the duplication of Morshead Drive from Plant Road to Pialligo Avenue and from Pialligo Avenue to the airport to provide the necessary additional capacity.

- *Northbourne Avenue/Ipima Street intersection improvements (\$0.520m)*

These roadworks provide a safer design to overcome the pressure which redevelopments in the vicinity of this intersection have placed on the traffic operating conditions at the intersection.

- *Northbourne Avenue/Barry Drive intersection upgrade (\$1.470m)*

This project is aimed at improving the intersection capacity to accommodate general growth in traffic along the Northbourne Avenue corridor as well as addressing some outstanding safety concerns.

Land and Property

- *Relocation and fit-out for Swanson Plaza (\$0.116m)*

Fit-out of Swanson Plaza offices in Belconnen Town Centre for relocation of agencies to government owned accommodation. This project also aims toward an average office space utilisation of 15 sq metres as part of the Territory's Office accommodation strategy.

- *Moore Street Building Refurbishment (\$0.300m)*

The remaining refurbishment of the Moore Street Building in Civic required under the Building Code of Australia.

- *MNW – Land and Property (\$0.500m)*

The provision of services and access to unserviced blocks prior to release to developers, including:

- Fyshwick Section 19, Block 19, 20 and 21 Sewer Pump Station
- Beissel Street Resealing of existing Section
- Nicholls Section 73 Block 13 Footpath Construction (\$0.004m)
- Campbell Section 40 Footpath Construction (\$0.0035m)
- Bruce Estate Thynne Street Extension Stage 3 (\$0.015m)
- General Minor Site Servicing (\$0.0375m)

Also includes the implementation of works identified as part of Energy Audits on four major government buildings.