

AUSTRALIAN CAPITAL TERRITORY

INFRASTRUCTURE PLAN UPDATE

2014-15

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INVESTING IN CANBERRA'S SECOND CENTURY

The ACT Government is investing in Canberra at a time when it is needed the most and to revitalise our city as we move into our second century. A major part of this investment is our infrastructure program, a record \$2.5 billion over the next four years. In addition we are investing in other initiatives dedicated to stimulating business worth close to \$70 million. We are also doing the right thing by homeowners affected by loose-fill asbestos through the government's buyback and demolition program.

The record capital works spend in the 2014-15 ACT Budget reflects our commitment to growing our economy, creating jobs for Canberrans and delivering high-quality and transformative infrastructure for the community. It also reflects the ACT Government's commitment to ensure that, as a community, we are prepared to meet the economic, social and environmental challenges of the future.

Some of the major projects funded in the 2014-15 ACT Budget that will boost our infrastructure program over the next four years include:

- progressing the first stage of the Capital Metro light rail network, providing opportunities to renew and transform the Northbourne Avenue Corridor;
- revitalising of the Civic to Gungahlin Corridor to ready the corridor for light rail;
- progressing works associated with the City to the Lake project to connect the city centre and Lake Burley Griffin, and create a vibrant urban waterfront at West Basin;
- the University of Canberra Public Hospital which will provide health services for our growing population, and provide local training and research opportunities in health care;
- a new school in the suburb of Coombs – the first school in the Molonglo Valley region which will accommodate around 700 students from pre-school to year six; and
- numerous road infrastructure projects, including constructing the Majura Parkway, and a link road between the Majura Parkway and Majura Road to serve new developments.



I am also excited about our new service designed to assist small and large business to engage with the ACT Government. *Access Canberra* will allow organisations of all shapes and sizes to obtain all the necessary approvals for events and developments through a single agency. The *Access Canberra* team will begin talking to business owners and community groups straight away about how the current system works and what changes might help reduce the burden of red tape here in the nation's capital.

The ACT Government is also getting on with the important job of providing an enduring solution to the legacy of Mr Fluffy in Canberra. Through the *Appropriation (Loose-fill Asbestos Insulation Eradication) Act 2014-2015*, passed unanimously by the ACT Legislative Assembly at the end of last year. We have started purchasing affected properties through the buyback and demolition program. This carefully developed program reflects discussions with individual homeowners, the wider community, and advice from experts.

In addition, there are growing opportunities for private sector investment in Canberra, including Capital Metro. To foster the right environment for private sector investment, over the last year the government has developed models and policies to facilitate Public Private Partnerships (PPP). The

MESSAGE FROM THE CHIEF MINISTER

policies' main objectives are to provide consistency and clarity to parties involved in a PPP project – both private and public sectors alike.

We are also working closely with the ACT construction industry to stimulate construction activity in the ACT and in turn support the economy. In August 2014, the government launched a stimulus package which includes the release of at least four civil contracts for around \$150 million to fast track work in Moncrieff.

These stimulus measures demonstrate that the ACT Government is listening to the local construction industry and developing reforms that will keep construction of new projects turning over while at the same time providing a buffer to the local economy through construction activity.



Belconnen Community Health Centre

Infrastructure investment and delivery remains a key government priority to ensure our community is well prepared to meet the economic, social and environmental challenges of Canberra's second century.

In the 2014-15 Infrastructure Investment Program, announced as part of the 2014-15 Budget, the government made allowance for a record level of capital investment across the next four years of \$2.5 billion. This investment in major infrastructure is setting the foundation for improving productivity and addressing the shifting needs of our community as we look to diversify our economic base, attract investment, boost growth and create employment for the region.

This document is the annual update to the *ACT Government Infrastructure Plan 2011- 2021* for 2014-15. It provides an overview of key infrastructure projects that the government has funded through the 2014-15 Budget, as well as potential projects that could be progressed over the next decade. In addition to informing the ACT community,

this update is intended to advise the construction industry and other relevant business sectors by outlining a potential pipeline of projects.

These projects will help progress the government's four priority areas:

- Making Canberra Healthy and Smart;
- Growing the Economy;
- Enhancing Liveability and Opportunity; and
- Investing in Urban Renewal.

In recognition of the important role the private sector plays in the provision of infrastructure, certain significant non-government investment initiatives have also been included in this update.

TRENDS, ISSUES AND CONTEXT

The following trends and issues provide important context to the government's infrastructure planning.

DEMOGRAPHICS AND SOCIAL CHANGE

The population of the ACT continues to grow in number and change in various ways. The ACT's population is projected to reach approximately 680,000 people by 2062 – it is presently 386,000. During the 12 months to 31 March 2014, the population grew by an additional 5,461 people at a growth rate of 1.4 per cent. The national population growth rate for the same period was 1.7 per cent.

This growth in population, which will require the city to continue to expand and increase in density, results in a number of infrastructure planning implications.

The expansion of the city into greenfield areas requires additional infrastructure to service the needs of new residents. Education and healthcare facilities, community and recreation facilities, public transport provision as well as new group and local centres to provide urban amenity are all needed.

At the same time, Canberra has an ageing population, particularly in established suburbs. This requires infrastructure to adapt to suit the needs of older residents, whilst also providing opportunities and facilities for younger residents.

Some established areas, particularly in the Inner North and South, are experiencing urban renewal as additional households move into newly released and redeveloped housing stock as the city experiences urban infill and increased density. This can place additional demand on older utility infrastructure.

As the demographics of the ACT continue to change over time, provisions will need to be made to allow for infrastructure to be flexible, providing for people at different life stages.



Private sector development has helped to revitalise City West



Gungahlin Leisure Centre

NEW STRATEGIC SPATIAL PLANNING

Since the 2013 update, the government has finalised a number of strategic spatial planning and policy documents with both short and longer term infrastructure implications. These include the:

- City Plan; and
- Pialligo Master Plan.

Work has also continued throughout the year on the:

- Woden and Mawson Master Plan;
- Oaks Estate Master Plan; and
- Weston Group Centre Master Plan.

THE 2014-15 BUDGET

The Infrastructure Investment Program in the 2014-15 Budget provides for new investments in infrastructure of \$470.5 million over four years. This includes new construction works worth \$317.5 million, feasibility studies and forward design projects of \$4.9 million, plant and equipment of \$22.3 million, and information and communication technology investments of \$75.5 million. The Capital Upgrade Program also provides \$50.3 million to improve and enhance the existing capital assets and infrastructure in the Territory.

In addition to the new works outlined above, there is a further \$716.2 million of works in progress that are also being delivered across the next four years.

The government has also made provisions of \$1.2 billion for capital works over the next four years. These provisions include amounts for high value and commercially sensitive projects.

APPROPRIATION (LOOSE-FILL ASBESTOS INSULATION ERADICATION) BILL 2014-2015

On 28 October 2014, the ACT Government announced the Loose-Fill Asbestos Insulation Eradication Scheme. Under the Scheme, the ACT Government will acquire, demolish and safely dispose of all affected homes offered into the Scheme by their owners, remediate affected blocks and then resell them to defray overall scheme costs. The Scheme also includes the emergency financial assistance, asbestos assessment and hazard reduction program undertaken by the Asbestos Response Taskforce since it was formed in July 2014. It also provides for relocation assistance grants payable as affected homes are vacated.

The *Appropriation (Loose-fill Asbestos Insulation Eradication) Bill 2014-2015* was passed unanimously by the Legislative Assembly on 4 December 2014, allowing \$762 million to purchase affected properties offered into the Scheme. Further appropriation to fund the Scheme will be allocated in future Budgets. The ACT Government has taken out a \$1 billion low-interest loan with the Commonwealth Government to remediate the properties. However, after the resale of the blocks to defray the overall costs, the ACT Government will still shoulder expected costs of between \$300 and \$400 million, excluding interest.

THE CAPITAL FRAMEWORK

The government has continued to implement improvements to the planning, management and review of capital works projects under the new Capital Framework. The revised arrangements and guidance material enable agencies to better anticipate cost, time and quality pressures and ensure lessons from past projects are captured and considered for similar projects in the future.

In 2014-15, the government is continuing to implement the Capital Framework and seeking to improve:

- business case development;
- service and asset planning; and
- project definition and scope including better use of Investment Logic Mapping, value management and contingency workshops for significant projects during early planning.

THE PARTNERSHIPS FRAMEWORK

The Partnerships Framework (TPF) aims to encourage private sector investment in social and economic infrastructure, and related services where value for money for the government can be clearly demonstrated by way of efficient and innovative delivery approaches.

The TPF policy document outlines and supports a rigorous project evaluation and governance approach, including the competition for and awarding of contracts, by clearly articulating accountability outcomes for both the ACT Government and private sector entities involved in the process. These principles will support the increased use of delivery model and contract types such as Design Construct Maintain Operate (DCMO), Managing Contractor and Public Private Partnership (PPP) models.

This will place the Territory in an improved position to manage the risks associated with PPP project procurement and delivery, and achieve the significant benefits associated with this form of project delivery.

The Partnerships Framework, launched in December 2013, focuses on the two delivery models of PPP and DCMO. It addressed how unsolicited proposals are considered in relation to the Territory's infrastructure program. The government has approved a set of general principles, policies and governance arrangements for delivery of major projects under these two delivery models.

PPPs are a method of infrastructure procurement that includes financing in the delivery model. The model has been used widely in other Australian jurisdictions for major projects. Under this model, project risks are allocated to the party who is best placed to manage these risks. A PPP can increase the likelihood of a project being delivered on time and on budget, as the contractor is not paid until the asset is commissioned and accepted. They can also have greater focus on whole-of-life costs and increased innovation. The Partnerships Framework seeks to reduce the costs of delivery under PPPs for both the government and the bidder by seeking to short-list two proponents at the Request for Proposal stage.

CONSTRUCTION SNAPSHOT

Construction is a major driver of economic activity in the Territory and one the government is committed to supporting.

The most recent Canberra Construction Snapshot (2014-15, released December 2014) shows Canberra's commercial and residential construction sectors are maintaining strong levels of activity.

According to the 2014-15 Snapshot, there are 331 construction projects currently in progress across the Canberra region with a combined estimated value of \$3.9 billion¹.

There are 123 planned projects with a combined estimated value of \$4.2 billion.

There has been a decrease in projects in progress since the last snapshot which reflects the completion of several major projects, including Cotter Dam, the ASIO building and works at Canberra Airport.

Central Canberra remains the most active district with \$1.7 billion in projects under construction. Other active districts include Belconnen (\$686 million) and Gungahlin (\$431 million).

The current value of public sector projects is \$1.6 billion, of this approximately 86 per cent are ACT Government projects.



Construction of Majura Parkway's Bridge No. 1 over the Molonglo River

1. The Construction Snapshot excludes projects with a value under \$1 million, and uses the whole project construction costs.

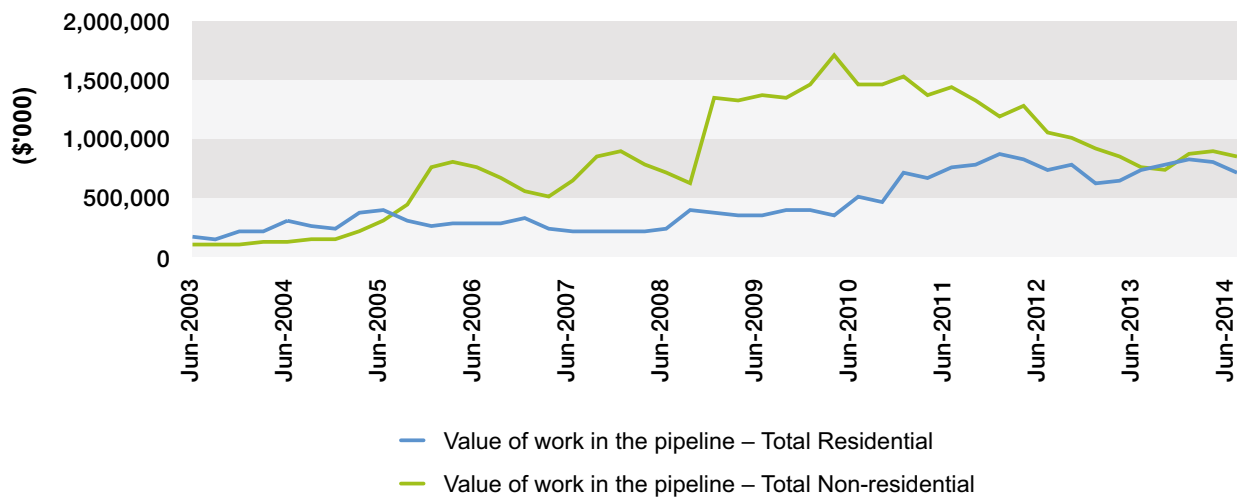
BUILDING ACTIVITY

As at the June 2014 quarter, there was \$1.6 billion of building work² in the pipeline for the ACT.

This work was split relatively evenly between the non-residential (\$862 million) and residential (\$744 million) sectors.

This follows a steady rise in the pipeline for residential building, particularly over the last six years, whereas non-residential building has been steadily easing since peaking in March 2010.

VALUE OF BUILDING IN THE PIPELINE (ACT)



2. This includes the value of construction work yet to be completed, as opposed to the entire construction cost of the projects as included in the Construction Snapshot. This also excludes engineering construction.

ENGINEERING CONSTRUCTION

The total value of engineering construction yet to be done as at the June 2014 quarter was \$242 million³.

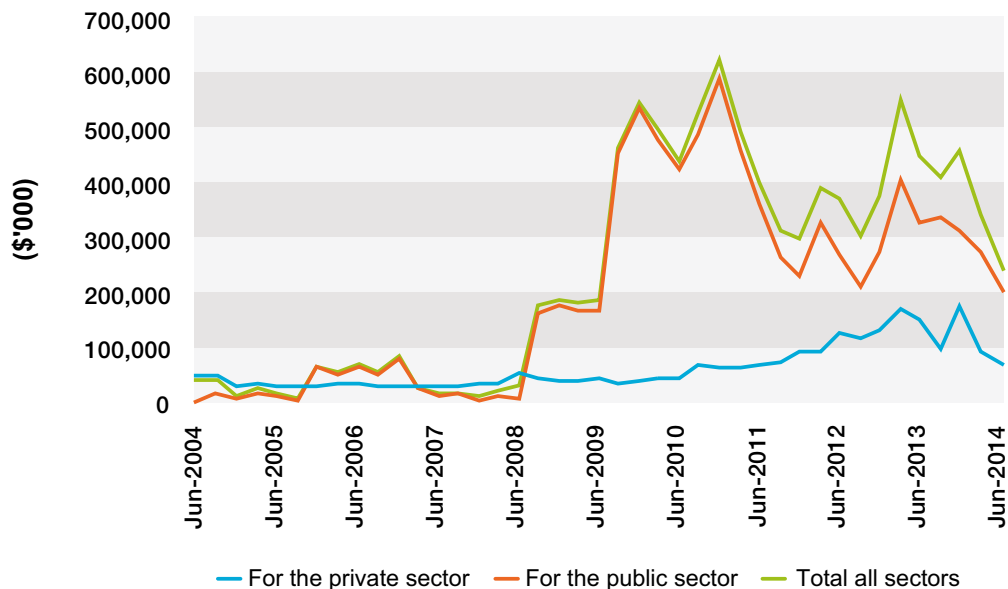
Of this, approximately \$203 million (84 per cent) was for the public sector and \$39 million (16 per cent) was for the private sector.

The majority of engineering construction yet to be undertaken was in the water/sewerage category (41 per cent). Other significant categories were telecommunications (27 per cent) and roads (16 per cent).

The sharp increase from March 2009 in public sector engineering works reflects a number of significant projects undertaken during this period including the enlarged Cotter Dam and major road projects including the Gungahlin Drive Extension – Stage 2 and the Kings Highway Duplication.

While the level of public sector engineering works has stabilised, it may increase in the coming years as Capital Metro and other significant engineering projects come online.

VALUE OF ENGINEERING WORK YET TO BE DONE (ACT)



3. This includes the value of engineering work yet to be completed, as opposed to the entire construction cost of the projects as included in the Construction Snapshot.

THE ACT GOVERNMENT'S INFRASTRUCTURE ACHIEVEMENTS

Since 2010, the government has completed over 700 infrastructure projects through the Whole-of-Government Capital Works Program. Combined, these projects were worth \$1.6 billion.

In addition, government owned enterprises of Housing ACT, ACTEW Corporation, the Land Development Agency and ACT Public Cemeteries Authority have delivered infrastructure worth \$1.1 billion over the same period.

Significant projects delivered by the government include the following:

LIVEABILITY AND OPPORTUNITY

- West Belconnen Ambulance and Fire and Rescue Station
- Flynn Regional Community Hub
- New Belconnen Police Station
- A Place to Call Home
- Tidbinbilla Rural Fire Service Shed

HEALTHY AND SMART

- Gungahlin Health Centre
- Tuggeranong Health Centre
- Community Health Centre – Belconnen
- Centenary Hospital for Women and Children
- Canberra Region Cancer Centre
- Gungahlin College
- Franklin Early Childhood School
- Namadgi School
- Neville Bonner Primary School
- Harrison Secondary School
- Manuka Oval Lighting
- Gungahlin Pool and Leisure Centre
- Gungahlin Enclosed Oval
- The Canberra Centenary Trail

URBAN RENEWAL

- Parkes Way Widening
- Real Time Passenger Information
- John Gorton Drive
- Monaro Highway Duplication
- Belconnen to City Transitway Stage 1 (Barry Drive and College Street Sectors)
- National Arboretum Canberra
- Centenary Trail
- Rectification and Upgrade of Taylor Primary School
- Upgrade of Red Hill and Waramanga Shopping Centres

GROWING THE ECONOMY

- Enlarged Cotter Dam
- Murrumbidgee to Googong Water Transfer Project
- New suburb development including Coombs, Wright, and Lawson
- Street Theatre Extension
- Public WiFi rollout at the Canberra Hospital and Gungahlin, Belconnen and Tuggeranong Health Centres

THE ACT GOVERNMENT'S INFRASTRUCTURE PLANNING PIPELINE

Investing in infrastructure to provide better health and well-being outcomes, and providing facilities to enable greater educational achievement are some of the most important and effective measures that can be taken in improving the community's overall quality of life and productivity. The government is actively building on previous work to transform and modernise our health and educational systems.

Working hand in hand with this investment is the government's continued focus on the importance of preventative measures. This includes a range of sport and recreation infrastructure that will help to promote active lives and social participation.

HEALTH INFRASTRUCTURE PROGRAM (HIP)

The Health Infrastructure Program (HIP) is the single largest capital works project undertaken in the history of the Territory since self-government, and involves the overhaul and expansion of all aspects of the ACT Health system. It addresses some immediate demands on the health sector in the ACT and others that will emerge in the future.

New 2014-15 construction activities within the HIP include: the Secure Mental Health Unit at Symonston; the University of Canberra Public Hospital; Calvary Car Park; and the Canberra Hospital Redevelopment projects.

CANBERRA HOSPITAL REDEVELOPMENT PROJECT

The Canberra Hospital Redevelopment Project will undertake refurbishment at Canberra Hospital to provide additional beds and to relocate beds from other areas of the hospital. The works will ensure continuity of in-patient services while infrastructure redevelopment takes place. This work includes redeveloping space for beds in Building 1, Levels 4 and 10. Additional beds planned to be incorporated into a new clinical services block are essential to meeting planned acute hospital bed supply from 2021-22.

Staging and decanting is an important component of the Health Infrastructure Program (HIP) and this will be the third round of such investment since 2010-11. This work begins with the Continuity of Services Plan and continued in the 2012-13 Budget with Moving to our Future.



Artist's impression of the new Secure Mental Health Unit



Artist's impression of the new Calvary Car Park

UNIVERSITY OF CANBERRA PUBLIC HOSPITAL (UCPH)

The University of Canberra Public Hospital (UCPH) will be part of a networked hospital model which includes Calvary and Canberra hospitals. The new network arrangement, when in place, will improve patient flows and service delivery.

The focus of the UCPH will be sub-acute services including rehabilitation, mental health and aged care. The hospital will also have a teaching and research role in conjunction with the University of Canberra.

When complete, the hospital will provide more than 200 beds of which 140 will be overnight inpatient beds and the remainder of the beds will be for same day procedures. Importantly, provision of the hospital directly addresses the needs of the Rehabilitation and Aged Care Service Plan. During 2014-15 the project will develop a Preliminary Sketch Plan and finalise selection of a contractor.

GOVERNMENT OBJECTIVE – HEALTHY AND SMART

COOMBS PRIMARY

Coombs primary school is the first school in the Molonglo Valley region and will accommodate around 700 students from pre-school to year 6 (P-6). The learning spaces and facilities for the new primary school will support the latest education practices for preschool to year 6 students, high quality indoor and outdoor learning environments, community accessible facilities, a community hall and sports field. The school is expected to be open for the 2016 School year.

Over recent years a number of schools have been constructed or expanded to deliver quality education to students in Canberra. Schools recently constructed include Neville Bonner Primary School, Franklin Early Childhood School, Harrison Secondary School, Namadgi School and Gungahlin College. Recently expanded or upgraded schools include Macgregor, Majura, Duffy and Taylor Primary Schools.

SPORTS INFRASTRUCTURE – LYNEHAM SPORTS PRECINCT

Further development is occurring at the Lyneham Sports Precinct at Southwell Park. The construction of a new amenities hub will include player change rooms, umpires facilities, a canteen and indoor open space. In addition new beach volleyball courts and a four court indoor tennis centre and junior courts are being funded through grants to Volleyball ACT and Tennis ACT respectively.



The recently completed expansion of Duffy Primary School

GOVERNMENT OBJECTIVE – HEALTHY AND SMART

INFRASTRUCTURE PIPELINE – HEALTHY AND SMART

PROJECT NAME	STATUS
Secure Mental Health Unit	Construction
Health Infrastructure Program – Project Management Continuation	Construction
The Canberra Hospital Redevelopment	Construction
Calvary Public Hospital Car Park	Construction
The Canberra Hospital – Essential infrastructure and engineering works	Construction
Calvary Public Hospital – Refurbishments for more beds	Construction
Transport for Canberra – Walking and cycling infrastructure – Stage 4	Construction
Lyneham Sports Precinct – Stage 4 tennis facility	Construction
Coombs P-6 School Construction Funding	Construction
Hazardous Material Removal Program – Stage 3	Construction
Childcare Centre Upgrades – Stage 3	Construction
Tuggeranong Lakeside Leisure Centre – Water play park	Construction
Playground Safety Program	Construction
Stromlo Forest Park Planning and Infrastructure	Construction
Franklin – Community Recreation Irrigated Park Enhancement	Construction
Grant for the Development of a New Basketball Centre and Player Amenities	Construction
Lyneham Precinct Redevelopment Stage 3	Construction
Lyneham Sports Precinct Development – Stage 1	Construction
“Where Will We Play” Outdoor Facilities Water Reduction Strategies	Construction
Infrastructure Improvements at Sportsgrounds	Construction
Restoration of Sportsgrounds – Bonython, Watson and Weetangera	Construction
Belconnen High School Modernisation – Stage 1	Construction
Canberra College Cares – New Building at Phillip Campus	Construction
Carbon Neutral Schools – Stage 1	Construction
Childcare Centre Upgrades – Stage 2	Construction
COAG Universal Access to Preschools – Stage 1 Expansion Works	Construction
Belconnen Regional Trades Skills Centre	Construction
Tuggeranong Introductory English Centre	Construction
Upgrade of Early Childhood Facilities	Construction
Aboriginal Torres Strait Islander Residential Alcohol and Other Drug Rehabilitation Facility	Construction
Clinical Services and Inpatient Unit Design and Infrastructure Expansion	Construction
Clinical Services Redevelopment – Phase 2	Construction
Clinical Services Redevelopment – Phase 3	Construction
Continuity of Health Services Plan – Essential Infrastructure	Construction
Enhanced Community Health Centre Back Up Power	Construction

GOVERNMENT OBJECTIVE – HEALTHY AND SMART

PROJECT NAME	STATUS
HIP Change Management and Communication Support	Construction
Transport for Canberra – Majura Parkway Off Road Shared Path	Construction
Transport for Canberra – Walking and Cycling Infrastructure – Stage 3	Construction
Staging and Decanting – Moving To Our Future	Construction
Drinking Water and Refill Stations	Delivery
Sustaining Smart Schools – Digital infrastructure for our schools	Delivery
University of Canberra Public Hospital	Procurement
Narrabundah Ballpark Stage 2	Forward Design
Lyneham Sports Precinct – Central Amenities	Forward Design
Melrose Synthetic Football Facility	Forward Design
Netball Infrastructure Upgrades	Forward Design
Adult Secure Mental Health Unit	Forward Design
Calvary Hospital Carpark	Forward Design
Mental Health Young Persons Unit	Forward Design
Northside Hospital Specification and Documentation	Forward Design
Staging, Decanting and Continuity of Services	Forward Design
University of Canberra Public Hospital	Forward Design
Stromlo Forest Park – Enclosed Oval	Feasibility
Provision for Project Definition and Planning	Feasibility
Tuggeranong CIT Campus	Early Planning
Denman Prospect P-10 School	Early Planning
Childcare Upgrades Stage 4	Early Planning
School and Preschool Expansions	Early Planning
School Roof Replacements Stage 2	Early Planning
School Carparks and Traffic Safety Programs Stage 2	Early Planning
The Canberra Hospital Building 2 and 3 Redevelopment	Early Planning
Stromlo Forest Park Development	Early Planning
Tuggeranong Centre for Innovation and Learning	Early Planning
School Infrastructure for the Future – Stage 2	Early Planning
North Gungahlin P-10 School	Early Planning
Casey Community Recreation Irrigated Park	Early Planning
Melrose Synthetic Football Facility	Early Planning
Pierces Creek Moto Park Design	Early Planning

Note: The government has not yet considered projects listed as 'Early Planning' and they are therefore unfunded. Their progression is contingent on further development and future budget processes.

A strong focus exists on infrastructure projects designed to grow the ACT economy, in particular by fostering industries such as ICT and tourism. By promoting Canberra as a destination, a community and a great place to invest, the government is helping to ensure the future prosperity of Canberra and reduce the economy's reliance on the Commonwealth Government sector.

The government is also making a significant investment in transformative infrastructure that will shape Canberra, provide vital services and provide valuable economic stimulus and jobs.

LAND RELEASE, INCLUDING CAPITAL METRO CORRIDOR AND ASSOCIATED CAPITAL PROGRAM

To support Canberra's population, economic growth, and social development of the Territory, the latest four year Indicative Land Release Program (2014-15 to 2017-18) provides for the release of:

- 13,500 residential dwelling sites;
- approximately 350,000 square metres of commercial land;
- 29 hectares of industrial land; and
- 28 hectares of community and non-urban land.

The Program also aims to address the need for the increasing demand for land in the aged care sector, child care and tourist accommodation, infill redevelopment, as well as maintaining a supply of greenfield land for housing.

The Program includes the development of six new greenfield residential suburbs including Moncrieff, Taylor and Throsby in Gungahlin, Denman Prospect and Molonglo stage 3

in Molonglo Valley, and a new development front in West Belconnen.

To support this volume of land release, approximately \$96 million in infrastructure works is allocated in the Budget. These suburbs will also generally require access to education facilities, shops and sporting facilities in future years as they become established.

The Indicative Land Release Program also includes the release of approximately 1,500 dwelling sites along the Gungahlin to City corridor to support the light rail. Further work is also being undertaken in relation to the feasibility of adopting an active development strategy to land release along the corridor.



Construction in the Molonglo Valley

GOVERNMENT OBJECTIVE – GROWING THE ECONOMY

CAPITAL METRO

In both the 2013-14 and 2014-15 Budgets, the government committed funds to progress the development of Capital Metro. This includes preliminary design studies and funding to develop a business case to investment ready stage.

In September 2014 the government approved the business case for the first stage of Canberra's light rail network, which will be delivered as a PPP. Expressions of Interest (EOI) closed on 19 December 2014 and government will shortlist in March 2015. Construction is expected to commence in 2016 and the first stage of light rail operating by 2020.

The Capital Metro project will transform the city by revitalising the Northbourne Avenue Corridor, stimulate sustainable urban renewal, help develop a more diversified economy, and increase the mode share of public transport by offering alternative and convenient means of public transport.

The project is estimated to support more than 3,500 jobs during construction and when completed will reduce congestion along Canberra's busiest corridor and assist sustainable urban development.



Artist's impression of the Capital Metro City Station in the City



CBRfree Public Wi-Fi – Canberra's future as a smart and digital city

DIGITAL CANBERRA

The Digital Canberra Action Plan sets out initiatives for Canberra to accelerate the development of a high growth digital economy. This will assist government to better engage with citizens, be more open and transparent and deliver services more efficiently to meet the needs of the community. The Digital Canberra Action Plan will be implemented using a staged approach over four years from 2014 to 2018.

The goal of Digital Canberra is threefold: to improve resident and visitor experience; to provide mobile access and services; and to enhance innovative culture. Work is progressing on the roll-out of the CBRfree Wi-Fi network.

In October 2014, Civic East – from Garema Place to Marcus Clarke Street – was the first area of the city to go live with Canberra's new free public Wi-Fi network.

This network will be the largest public Wi-Fi network in Australia to date, and feature a total of 745 access points, 400 indoor access points and 345 outdoor access points. The network will be rolled out in town centres and commercial precincts across Canberra over the following 12 months.

INFRASTRUCTURE PIPELINE – GROWING THE ECONOMY

PROJECT NAME	STATUS
Civic to Gungahlin Corridor Improvements	Construction
Motorsports Fund – Capital Improvements to Fairbairn Park	Construction
National Arboretum Canberra – Water Security	Construction
Canberra Theatre Centre Upgrades – Stage 2	Construction
Ainslie Music Hub	Construction
Gorman House Multi Art Hub	Construction
Canberra Theatre Centre Upgrades	Construction
National Arboretum Canberra – Events terrace and precinct facilities	Construction
ACT Government Office Building – Gungahlin Fitout	Delivery
ICT – iConnect	Delivery
ICT – Revenue Collection Transformation	Delivery
ICT – Human Resources Information Management System	Delivery
ICT – Invoice Automation	Delivery
ACT Government Office Building ICT Infrastructure and Relocation Costs	Delivery
ICT Transformation – Hybrid Cloud Computing	Delivery
Electronic Tendering	Delivery
Roll-out CBRfree Wi-Fi Network across the ACT	Delivery
Office Accommodation (Whole-of-Government Office Block)	Procurement
Capital Metro – Scoping and facilitation	Procurement
City to the Lake Arterial Roads Concept Design	Forward Design
City to Lake – West Basin and Public Waterfront (Design)	Forward Design
Manuka Oval – New Spectator Facilities and Media Infrastructure	Forward Design
City to Lake – West Basin Public Waterfront	Forward Design
Belconnen Arts Centre Stage 2	Feasibility
Kingston Visual Arts Hub	Feasibility
City to Lake Assessment	Feasibility
City Plan Implementation	Business Case Development
Australia Forum – Investment Ready	Business Case Development
Establish Digital Space in the City including Digital Hub and Digital Screen	Early Planning
Deliver Smart City digital initiatives including smart traffic management, smart parking and smart lighting	Early Planning
Further redevelopment at Manuka Oval	Early Planning
Belconnen Arts Centre	Early Planning

Note: The government has not yet considered projects listed as 'Early Planning' and they are therefore unfunded. Their progression is contingent on further development and future Budget processes.

FUTURE DIRECTIONS – CITY TO THE LAKE

City to the Lake is a key component of the City Plan and a key priority of government for urban renewal. City to the Lake is being developed in close consultation with other government initiatives, including Capital Metro. The projects noted below are unbudgeted (unless otherwise indicated) and in the early stage of development, including investigating opportunities for private sector involvement in delivery and operations.

The immediate focus for the government is to bring components of the project to investment ready status including:

- West Basin public waterfront design, estate development plan and public realm design for the precinct (initial funding of \$3.120 million was provided in the *Appropriation Act 2013-14* (No 2));
- Australia Forum – convention and exhibition centre (funding of \$1.5 million was provided in the 2014-15 Budget to bring this project to an investment ready stage); and
- a city stadium.



Artist's impression of the proposed West Basin Boardwalk

GOVERNMENT OBJECTIVE – GROWING THE ECONOMY



Artist's impression of the proposed West Basin Urban Beach

Development of City to the Lake is proposed over four stages. This staging will be refined as further work is undertaken and in response to the market. Current indicative staging includes:

- **Stage one:** would deliver the construction of the new waterfront; new pedestrian, bicycle and vehicular connections between the precinct and city centre; and the first of the premium waterfront sites released to the market for mixed-use residential and commercial developments;
- **Stage two:** would lower and bridge Parkes Way, including removal of clover leaf intersections; release of development parcels in West Basin precinct, including Parkes Section 3; construction of West Basin aquatic centre and further land releases for hotels and residential development;

- **Stage three:** would involve the Australia Forum project and see work underway on the sports stadium; and
- **Stage four:** would see the delivery of the remainder of the key infrastructure and the release of any remaining prominent lakeside sites for development.

AUSTRALIA FORUM

Australia Forum would be a convention centre with the capability of hosting high profile international events as well as providing convention centre services for the local and regional area. Expressions of Interest to assess the interest for a Reference Design have been called for.

GOVERNMENT OBJECTIVE – LIVEABILITY AND OPPORTUNITY

Canberra's liveability and the opportunities Canberra offers compare favourably with most other cities in Australia and elsewhere, with a Property Council of Australia survey ranking Canberra as Australia's most liveable city in 2014. The government continues to aim towards increasing the liveability of Canberra and to improve outcomes for everyone who calls Canberra home.

Infrastructure can improve the liveability of Canberra by providing initiatives that help create opportunities and minimise disadvantage and provide us with a great and safe place to live.

EMERGENCY SERVICES AGENCY STATION UPGRADE AND RELOCATION – ARANDA STATION

A co-located ambulance and fire and rescue station has recently been constructed at Charnwood (West Belconnen) and construction is currently underway for the South Tuggeranong fire and rescue station. The relocation of the station will allow Emergency Services to respond to incidents in the community in a timely manner and meet nationally agreed performance benchmarks.

A new co-located station to serve the needs of the ACT Fire and Rescue and the ACT Ambulance Service will be constructed at Aranda. The construction of this station will complete Phase 1 of the ESA Station Upgrade and Relocation Program which will enhance emergency service response capability across the Territory.



Artist's impression of Aranda Station



The current two distinct court buildings

NEW COURT FACILITIES PROJECT

The New Court Facilities project would redevelop the Supreme Court building and integrate it with the existing Magistrates Court building. The project is designed to streamline the court system and improve its operational efficiency, which will lead to improved compliance with the *Human Rights Act 2004* and access to justice. The additional facilities are also expected to improve the standards of courtroom accommodation, security and public amenity.

The project will be delivered through a PPP. The Invitation for Expressions of Interest opened to the market on 10 July 2014.

The Request for Proposal document has been commencing a five to six month interactive bidding process. Bid proposals are due to be submitted in April 2015.

Financial close of the PPP transaction process is expected to be achieved in the fourth quarter of 2015, and final construction completion is expected by the first quarter of 2018.

NEW RESPITE CARE FACILITY

A purpose built respite house for children will be constructed, providing modern respite services for children in the ACT who live with a disability. The new respite house will provide positive social benefits for the people who attend this facility, and will help individuals to interact with other people and learn new skills in a domestic setting.

GOVERNMENT OBJECTIVE – LIVEABILITY AND OPPORTUNITY

INFRASTRUCTURE PLANNING PIPELINE – LIVEABILITY AND OPPORTUNITY

PROJECT NAME	FUNDING STATUS
A New Respite Property	Construction
Stromlo Forest Park Implementation of Bushfire Management Plan	Construction
Common Ground Supportive Housing	Construction
Alexander Maconochie Centre – Additional Facilities	Construction
Emergency Services Agency Station Upgrade and Relocation – Aranda Station	Construction
Lanyon Heritage Precinct Community Access Roads	Construction
Wright Outer Asset Protection Zone – Stromlo Forest Park	Construction
Disability Dual Occupancy Housing	Construction
Expansion of Public Housing Energy Efficiency	Construction
Expansion of Social Housing	Construction
Expansion of Social Housing – Stage 2	Construction
Security Improvement Program for Elderly Public Housing Tenants	Construction
ESA Station Upgrade and Relocation – South Tuggeranong Station	Construction
Transport for Canberra – Bus Stop Upgrades to Disability Standards – Stage 2	Construction
Strategic Bushfire Management Plan	Delivery
ICT – Strengthening Emergency Service Agency’s Response Capability – Improving TRN and CAD replacement program	Delivery
ICT – Rego.ACT – Ongoing Investment	Delivery
ICT – Courts and Tribunal Management System	Delivery
Alexander Maconochie Centre – Electronic Security System	Delivery
New ACT Court Facilities	Procurement
Disability Housing – Respite and Congregate Living Housing	Forward Design
Replacement of Canberra Seniors Centre	Forward Design
ESA – Station Relocation and Upgrade – Phase 2 Due Diligence and Design	Forward Design
More Men’s Sheds	Feasibility
Woden/Weston Creek Community Hub	Feasibility
Gungahlin Joint Emergency Services Centre – Future use study	Business Case Development

GOVERNMENT OBJECTIVE – URBAN RENEWAL

The government is providing a broad range of projects across Canberra to improve our urban areas and promote urban renewal. These investments provide essential infrastructure that will serve us now and into the future as we grow into a larger and more urbanised city.

Our urban renewal focus includes a broad range of activities which all contribute to making Canberra a better place to live. Activities include road and public transport network improvements; upgrading, remediating and maintaining our local centres and other urban areas to create opportunities for growth and improve environmental outcomes; and a range of initiatives that care for our parks and environment.

MAJURA PARKWAY TO MAJURA ROAD LINK ROAD

Funding has been provided for the construction of a link road between Majura Parkway and Majura Road connecting at the Spitfire Avenue roundabout. This road will allow direct vehicular access from the Parkway to the new Majura West Precinct, Canberra Airport – Majura Park, including a new site to be developed by IKEA. This road will facilitate further development around the airport and also provide access to the Duntroon Woolshed heritage site.

ERINDALE BUS STATION

A new bus station will be developed at Erindale. The new bus station will be located on Comrie Street and will meet the standards as set out in the *Disability Discrimination Act 1992*. The new bus station will service buses that travel the Blue Rapid route as well as local services.

LOCAL SHOPPING CENTRE UPGRADES PROGRAM

Further investment in local shopping centre upgrades was announced as part of the 2014-15 Budget. Three local shopping centres across the Territory will have ageing infrastructure upgraded to meet current accessibility standards, and improve amenity to increase community use and commercial viability. Works undertaken may include new paving, sealing of parking areas, lighting upgrades, safety improvements and landscaping.



Paving and Stair Upgrades have been completed at Red Hill Shopping Centre

GOVERNMENT OBJECTIVE – URBAN RENEWAL

INFRASTRUCTURE PIPELINE – URBAN RENEWAL

PROJECT NAME	STATUS
Molonglo Infrastructure Investment	Construction
Isabella Weir – Spillway Upgrades	Construction
Majura Parkway to Majura Road – Link road construction	Construction
Throsby – Access road and western intersection	Construction
Dickson Group Centre Intersections – Upgrade	Construction
Woden Bus Interchange – Redevelopment Stage 1	Construction
William Slim/Barton Highway Roundabout Signalisation	Construction
ACTION – Replace underground storage tanks	Construction
Molonglo Valley – Implementation of NES Plan – Stage 2	Construction
Mugga 2 Quarry – Remediation	Construction
Local Shopping Centre Upgrades Program	Construction
Bridge Strengthening on Commercial Routes	Construction
Fyshwick Depot – Underground Fuel Storage Tanks removal	Construction
Mugga Lane – Replace asbestos disposal site	Construction
Transport for Canberra – Upgrading Erindale Bus Station	Construction
Environmental Offsets – Lawson South	Construction
Mugga Lane – Replace damaged septic system	Construction
Ramp Metering on Cotter Road	Construction
Weston Creek Group Centre Parking	Construction
Environmental Offsets – Gungahlin (EPIC)	Construction
City Action Plan Stage 1 – Edinburgh Avenue Improvements	Construction
Cravens Creek Water Quality Control Pond	Construction
Horse Park Drive Water Quality Control Pond	Construction
John Gorton Drive Extension to Molonglo 2 and Group Centre	Construction
Woden Bus Interchange – Early Works	Construction
Molonglo 2 – Water Supply, Trunk Sewer and Stormwater Infrastructure – Stage 1	Construction
Molonglo 2 Sewer and Pedestrian Bridge over Molonglo River	Construction
North Weston – Road Intersection Reconstruction	Construction
Transport for Canberra – Park and Ride Facilities	Construction
Ashley Drive – Stage 1	Construction
Barry Drive – Bridge Strengthening on Commercial Routes	Construction
Constitution Avenue	Construction
Transport for Canberra – City Path Lighting	Construction
Transport for Canberra – Majura Parkway	Construction
Jerrabomberra Wetlands Infrastructure Improvements	Construction

GOVERNMENT OBJECTIVE – URBAN RENEWAL

PROJECT NAME	STATUS
Shopping Centre Upgrade Program – Red Hill and Lyons	Construction
Town and District Park Upgrades	Construction
Conservation Management Plans for Heritage Buildings	Construction
Remediation of Fuel Storage Facilities	Construction
Yarralumla – Canberra Brickworks Site Remediation	Construction
Mugga Lane – Landfill Extension – Stage 5	Construction
West Belconnen Resource Management Centre Rehabilitation of Landfill Cells	Construction
Civic Cycle Loop	Construction
Molonglo Riverside Park – Stage 1	Construction
Red Hill Nature Reserve Remediation	Forward Design
Ashley Drive – Stage 2	Forward Design
Kingston Foreshore Parking	Forward Design
Woden Bus Interchange Redevelopment	Forward Design
Revitalisation of Civic and Braddon	Forward Design
Throsby – Access Road	Forward Design
Kenny – Floodways, Road Access and Basins	Forward Design
Majura Parkway Estate Development	Forward Design
Molonglo 2 – East-West Arterial Road and Services to Cravens Creek	Forward Design
Molonglo 2 – Water Quality Control Ponds, Sewers and Cyclepath	Forward Design
Sandford Street and Gungahlin Drive Intersection Upgrade	Forward Design
West Belconnen – Roads and Traffic	Feasibility
West Belconnen – Stormwater, Hydraulic and Utility Services	Feasibility
Molonglo – North-South Arterial Road Bridge and Pedestrian Bridge	Feasibility
Continuation of Urban Infill Program	Feasibility
East Lake – Planning and Design Framework Implementation	Feasibility
East Lake Sustainable Urban Renewal	Feasibility
Greenfields Planning for Affordable Housing	Feasibility
Infill Development Infrastructure Studies	Feasibility
Molonglo Stage 2 – Suburbs 3 and 4 Environmental Impact Statement and Clearances	Feasibility
Molonglo Valley – Finalisations of Stage 2 and Commencement of Stage 3 Planning	Feasibility
Urban Development Sequence for Affordable Housing	Feasibility
Molonglo 3 – Hydraulic Services Concept Masterplanning	Feasibility
Molonglo 3 – Major Electrical Infrastructure Relocation	Feasibility
Molonglo 3 – Preliminary Geotechnical Investigation	Feasibility
Molonglo Valley – Implementation of NES Plan – Stage 2	Feasibility
ACTION Bus Depot	Feasibility

GOVERNMENT OBJECTIVE – URBAN RENEWAL

PROJECT NAME	STATUS
Coppins Crossing Road and William Hovell Drive Intersection and Road Upgrades	Feasibility
Yarralumla Interchange	Early Planning
Molonglo Stage 3	Early Planning
Pialligo Avenue to the ACT Eastern Border Improvements	Early Planning
William Hovell Drive Duplication	Early Planning
Southern Memorial Park – New Southern Cemetery	Early Planning
Smart Traffic Systems	Early Planning
Airport Road Network	Early Planning
Horse Park Drive Duplication	Early Planning
Cotter Road Duplication	Early Planning
Gundaroo Drive Duplication	Early Planning
Ashley Drive Duplication	Early Planning
Canberra Avenue Priority Measures	Early Planning
Horse Park Drive Duplication	Early Planning
Further Expansion of Mugga Lane Resource Management Centre	Early Planning
Local Area Traffic Management	Early Planning
City Walk – Coranderrk to Binara Streets	Early Planning
Civic and Braddon Public Realm Improvements – Stage 3	Early Planning

Note: The government has not yet considered projects listed as 'Early Planning' and they are therefore unfunded. Their progression is contingent on further development and future Budget processes.

The private sector plays an important role in the provision of infrastructure across the Territory.

As mentioned previously throughout this update, the government is committed to fostering the right environment for private sector investment and will continue to work closely with the ACT construction industry to stimulate construction activity and foster economic growth of the ACT

ACTEW

ACTEW provides water and waste water services which are essential for existing community and business needs, and also support economic growth in the ACT. ACTEW is undertaking a number of significant projects which will allow its network to expand and service the needs of a growing city. These works include the following:

- The Lower Molonglo Water Quality Control Centre – Tertiary Systems Upgrade and Associated Works, which will help achieve greater flow capacity through the plant; and the Solids Handling Major Project, which involves upgrading the solids handling system and incinerators to improve air emissions.
- Molonglo Valley Reservoir will see the installation of a 14 mega litre reservoir to support residential development in the Molonglo Valley.
- Belconnen Trunk Sewer Augmentation to provide capacity in the trunk sewer network to cater for the development of new suburbs.
- Stromlo Water Treatment Plant Electrical, Instrument and Motor Control System Replacement Program will see the replacement of electrical control equipment at the Mount Stromlo Water Treatment Plant.
- Googong Water Treatment Plant Washwater System and Sludge Dewatering Stage 1 will see the installation of equipment to dewater sludge from the Googong Water Treatment Plant.

ACTEWAGL

ActewAGL is Canberra's energy provider. ActewAGL is undertaking a range of significant projects aimed at ensuring that the energy needs of Canberra will be met into the future. These projects include the following:

- A Second Bulk Supply Point – Stage Two will provide all the ACT with an emergency supply connection.

- New substation installations or modifications at East Lake, Molonglo, Civic, and Belconnen.
- New high voltage feeders servicing Gold Creek, Belconnen Trade Service area and Tuggeranong Town Centre.
- The Hume Primary Mains Extension and Primary Regulating Station project.
- The Gungahlin to Amaroo Secondary Mains Extension.
- The Molonglo Secondary Mains Extension.

CANBERRA AIRPORT

Canberra Airport's AirVolution is nearing completion with stage one and two completed. The focus now moves to the third and final stage of development which includes:

- More retail and food and beverage outlets – There is additional space available in the terminal for more food and beverage outlets and more places to shop for passengers. These will continue to open as demand requires.
- Business centre – A dedicated business area is in the final stages of design and will feature private desks, a variety of seating and mobile device charge stations.
- Kids play area – A fun and interactive play area is currently being developed to entertain and engage our younger passengers while waiting for their flight.
- Construction is underway on the Canberra Airport Hotel. When built, the hotel will offer four and a half star accommodation with 180 rooms. The hotel is expected to be operational in November 2015.

OTHER PROJECTS

Other major infrastructure projects that are currently in the ACT construction pipeline include, but are not limited to, IKEA coming to Canberra and the Northbourne Square project across from Veterans Park in Civic.

IKEA

IKEA is planning to build a retail outlet in the Majura West Precinct.

The proposed 12 metre high, single-level building will comprise of retail areas, warehouse/store, loading areas, restaurant, amenities, staff areas and adjoining car park that will provide 705 customer spaces, 89 staff car parks and 10 spaces for cars and trailers.

It is estimated that 800 jobs will be generated during the construction phase in addition to the estimated 280 ongoing direct jobs once the store opens. Completion of the proposed development is projected for 2015-16.

NORTHBOURNE SQUARE PROJECT

The Northbourne Square project to be developed next to Veterans Park in the Canberra city centre and delivered by Walker Corporation will comprise three 11 storey commercial buildings joined by a central atrium to replace the five buildings on the site bordered by Northbourne Avenue and Cooyong, Bunda and Mort streets.

One of the key features of the development is a glazed walkway which will direct pedestrian activity into the retail and cafe amenities and provide a link between the buildings, Veterans Park and the future light rail link. Veterans Park will remain in its current location and connect to the new buildings.

Completion of the development is projected for 2017-18.



IKEA sod turning