



**ACT**  
Government

# **2017-18 CAPITAL WORKS PROGRAM**

## **Year-To-Date 31 March 2018**

### **Progress Report**



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APPENDIX 1: CAPITAL WORKS EXPENDITURE BY MAJOR PROJECTS

### Front cover photos

LIGHT RAIL – STAGE 1 - NORTHSIDE DRONE FOOTAGE: MAPLETON AVENUE STOP

ACT LAW COURTS FACILITIES

## 1 Introduction

This report details the Government's 2017-18 Capital Works Program and outlines major project achievements for the three month period ending 31 March 2018. Details of agency major projects for the three month period are at Appendix 1. A major project is a project with a budget greater than or equal to \$10 million.

The 2017-18 Capital Works Program now includes reporting against investment in Information and Communication Technology (ICT) and Plant and Equipment (P&E).

This report does not detail the financial performance of the public private partnerships (PPP) that are being undertaken by the private sector as these projects are not part of the Government's 2017-18 Capital Works Program. This report does provide a progress update for each PPP project.

In 2017-18 the scheduled PPP expenditure, by the private sector, is \$250 million for Light Rail – Stage 1 and \$59 million for the ACT Law Courts Facilities.

## 2 2017-18 Capital Works Program

### 2.1 2017-18 Program Overview

The 2017-18 Budget continued the significant investment in capital works across the Territory.

The original budgeted Capital Works Program, as published in the 2017-18 Budget Papers, was \$888 million. Adjustments to the budget associated with the rolling over of unspent funds from 2016-17, post-budget expenditure adjustments, program savings and variations have increased available funding to \$1.03 billion for 2017-18.

A reconciliation of the 2017-18 Capital Works Program is shown in **Table 1** below.

**Table 1 – 2017-18 Capital Works Program Available Funding**

	\$ million
<b>2017-18 Original Budget Appropriation<sup>1</sup></b>	<b>888</b>
<b>Net Program adjustments, savings and rollovers</b>	<b>138</b>
<b>Total Funds Available for Expenditure 2017-18<sup>2</sup></b>	<b>1,025</b>

1. See 2017-18 Budget Paper 3, page 164.

2. Table may not add due to rounding

### 2.2 2017-18 Program Expenditure YTD March 2018

Actual year-to-date (YTD) expenditure as at March 2018 was \$420 million comprising:

- new works expenditure of \$68 million; and
- works-in-progress expenditure of \$352 million.

The YTD March capital expenditure accounted for 41 per cent of total funds available for capital works in 2017-18.

A breakdown of YTD expenditure by agency is provided in Table 2 below.

**Table 2 – Capital Works Program Expenditure – as at March 2018**

Agency	2017-18 Total funds available for expenditure \$'000	YTD March 2018 expenditure \$'000	Percentage spent YTD March 2018
Canberra Institute of Technology	4,792	3,202	67
Chief Minister, Treasury and Economic Development Directorate	110,347	57,613	52
City Renewal Authority	21,124	6,962	33
Community Services Directorate	6,005	2,113	35
Cultural Facilities Corporation	1,520	765	50
Education Directorate	121,676	52,258	43
Elections ACT	235	60	26
Environment Planning and Sustainable Development Directorate	286,222	88,393	31
Health Directorate	202,854	84,899	42
Housing ACT	5,700	4,552	80
Justice and Community Safety Directorate	54,422	11,442	21
Office of the Legislative Assembly	985	436	44
Transport Canberra and City Services Directorate	209,455	106,994	51
<b>TOTAL</b>	<b>1,025,337</b>	<b>419,689</b>	<b>41</b>

### 2.2.1 Capital Delivery Provision

The 2017-18 Budget included a Capital Delivery Provision to improve the accuracy of the overall budget estimates. While agencies are funded to deliver each capital project according to agreed timelines, there remain risks to the delivery of each project. Reflecting these risks, but recognising that it is not possible to identify whether they will eventuate for any given project, the Government has adjusted the forecast of the aggregate Capital Works Program expenditure. The adjustment is based on past outcomes and risk analysis. This provision is included at a whole of government level and does not affect the timely delivery of any project.

The current level of expenditure against the 2017-18 Budget, adjusted for the Capital Delivery Provision, is provided in Table 3:

**Table 3 – Performance against Capital Delivery Forecast March 2018**

2017-18 Total funds available for expenditure (\$'000)	2017-18 Capital Delivery Provision adjustment (\$'000)	2017-18 Capital delivery forecast (\$'000)	Actual expenditure YTD against Capital delivery forecast (\$'000)	Percentage spent YTD March 2018
1,025,337	-131,176	894,161	419,689	47

### 2.2.2 2017-18 Better Infrastructure Fund

Capital improvements are essential works that extend the useful life or improve the service delivery capacity of existing assets and do not include expenditure for repairs and maintenance. In the 2017-18 Budget this program, previously referred to as the Capital Upgrade Program, was renamed as the Better Infrastructure Fund.

YTD March expenditure for the 2017-18 Better Infrastructure Fund was \$25 million, or 41 per cent of the available budget of \$60 million.

**Table 4 – 2017-18 Better Infrastructure Fund Expenditure – March 2018**

<b>Agency</b>	<b>2017-18 Budget \$'000</b>	<b>2017-18 YTD March 2018 expenditure \$'000</b>	<b>Percentage spent YTD March 2018</b>
Canberra Institute of Technology	2,642	1,850	70
Chief Minister, Treasury and Economic Development Directorate	7,418	4,994	67
Community Services Directorate	395	143	36
Cultural Facilities Corporation	398	292	73
Education Directorate	20,700	8,999	44
Environment Planning and Sustainable Development Directorate	976	131	13
Health Directorate	5,089	2,098	41
Justice and Community Safety Directorate	1,771	433	24
Office of the Legislative Assembly	144	141	98
Transport Canberra and City Services Directorate	20,639	5,568	27
<b>TOTAL</b>	<b>60,172</b>	<b>24,649</b>	<b>41</b>

Significant infrastructure improvements being delivered in 2017-18 include:

- a major investment in public school infrastructure and safety improvements;
- improvements to Canberra's CIT infrastructure;
- improvements to sporting facilities including upgrades to ovals, pavilions, pools, toilet blocks and flood lighting systems;
- safety compliance upgrades to city infrastructure;
- major upgrades to Woden library;
- building upgrades and facility improvements of health and hospital infrastructure;
- road safety measures including traffic signal controls;
- footpath and cycling improvements around schools and the broader city network;
- upgrades and modifications to public transport infrastructure;
- improvements to our parks and nature reserves; and
- improvements to emergency services facilities.



### 2.2.3 2017-18 Information and Communication Technology (ICT) and Plant and Equipment (P&E) Expenditure

The 2017-18 Capital Works Program includes investment by the Government in ICT and P&E projects. Total investment in these projects for 2017-18 is valued at \$169 million. For the period ending 31 March 2018 a total of \$57 million had been spent or 34 per cent of available funding, refer to Table 5.

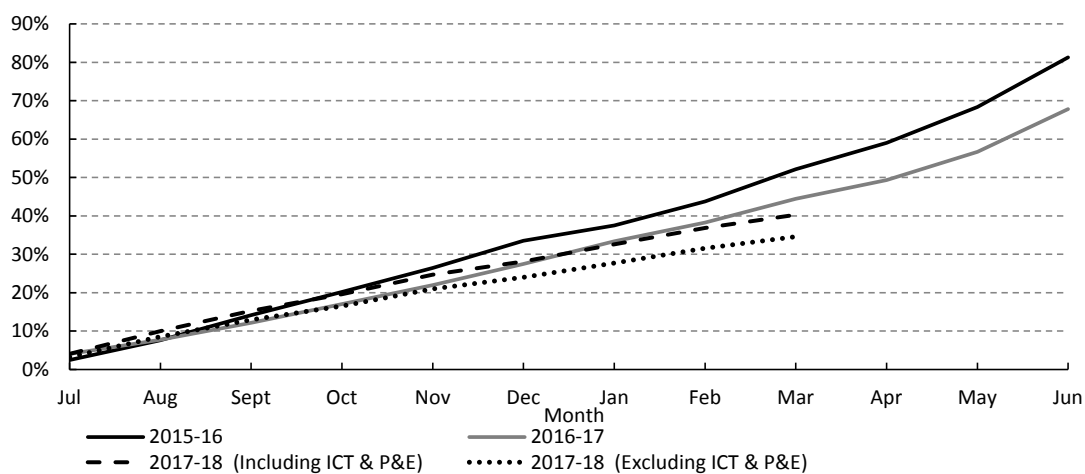
**Table 5 – 2017-18 ICT and Plant and Equipment project expenditure – March 2018**

Agency	2017-18 Funds Available for Expenditure \$'000	2017-18 YTD March 2018 expenditure \$'000	Percentage spent YTD March 2018
Canberra Institute of Technology	1,257	684	54
Chief Minister, Treasury and Economic Development Directorate	42,683	27,947	65
Community Services Directorate	4,438	1,479	33
Education Directorate	23,784	5,265	22
Elections ACT	235	60	26
Environment Planning and Sustainable Development Directorate	4,480	994	22
Health Directorate	16,744	5,988	36
Justice and Community Safety Directorate	30,706	4,016	13
Office of the Legislative Assembly	201	45	22
Transport Canberra and City Services Directorate	44,302	10,876	25
<b>TOTAL</b>	<b>168,830</b>	<b>57,355</b>	<b>34</b>

### 2.3 Historical expenditure trends

**Figure 1** below shows cumulative monthly expenditure as a proportion of annual total funds available for the Capital Works Program for the three years to 2017-18.

**Figure 1: Cumulative percentage of program expenditure - YTD March 2018, 2016-17 and 2015-16**



## 2.4 Non-Financial (Milestone) Outcomes

Delivery of the Capital Works Program is also measured against non-financial indicators and reported against key milestones for all projects.

### 2.4.1 Pre-construction Milestones

There are a significant number of milestones to occur prior to the commencement of a contract for construction. These include the following:

- feasibility studies;
- consultation;
- design;
- sketch plans; and
- development application approval/lodgement.

Agencies that have operational responsibility for project delivery are required to set milestone targets and report on achievement against targets throughout the year. The whole of government performance for the three months to 31 March 2018 is set out in Table 6 below.

This table excludes projects under the Better Infrastructure Fund which are usually minor projects.

### Pre-Construction Key Performance Indicators

**Table 6: March 2018: Capital Works Program Pre-construction Milestone Performance**

<b>Pre - Construction</b>	<b>Total number of targets</b>	<b>Targets Achieved</b>	<b>Percentage achievement</b>
Project Brief	3	2	67
Early Planning	11	5	45
Consultation	3	1	33
Functional Brief Lodged	6	6	100
Final Sketch Plan	7	5	71
Design	8	2	25
DA Lodged	3	1	33
DA Approved	2	2	100
Contract Signed	24	9	38
<b>TOTAL</b>	<b>67</b>	<b>33</b>	<b>49</b>

## 2.4.2 Construction Milestones

### Construction Key Performance Indicators

- Seventy per cent (55 out of 79) of agency-forecast quarterly construction targets were achieved within an acceptable level of variation of 0-10 per cent from target in the three months to 31 March 2018.
- Fourteen per cent (11 out of 79) of the projects in the construction phase outperformed against target.
- Eighteen per cent (14 out of 79) underperformed by greater than 10 per cent.

## **2.5 Delivery of Infrastructure for the ACT Community**

### 2.5.1 Land Release Program

The four-year Indicative Land Release Program is an enabler of the Government's social and economic strategies for the community. These strategies seek to support the needs of a growing population, changing household demographics and an expanding economy. The Land Release Program contributes to financial and environmental objectives by seeking to:

- promote the economic and social development of the Territory;
- meet the demand for land in the Territory;
- establish an appropriate inventory of serviced land;
- facilitate the provision of affordable housing; and
- achieve satisfactory returns from the sale of unleased Territory land.

The ACT Government's Indicative Land Release Program for the 2017-18 Budget includes a sales target of 16,250 dwelling sites between 2017-18 and 2020-21.

Progress against key capital projects that support the Land Release Program as at YTD March 2018 is as follows:

- Building a better city – Bindubi Street extension – A functional brief has been lodged to facilitate alignment between early planning and land planning.
- Building a better city – William Hovell Drive upgrade – Early planning – A contract has been signed for early planning work. A traffic modelling study will be undertaken as part of the project.
- Better roads for Gungahlin – Horse Park Drive duplication (Mulligans Flat Road to the Federal Highway) – construction has reached 25 per cent completion. A contract has been awarded for the construction between Well Station Drive and the Federal Highway Interchange.
- Better roads for Weston Creek – Cotter Road duplication (Tuggeranong Parkway to Yarralumla Creek) – The project is now 85 per cent complete. Both carriageways are open to traffic and works on the Tuggeranong Parkway Bridge has been completed for cyclists. Pedestrian connections to the off-road shared path are continuing, with the connection to the Yarralumla Creek path network completed and operational.





#### **Cotter Road Duplication**

- Better roads for Belconnen – Aikman Drive duplication has reached 73 per cent completion.
- Building a better city – Gundaroo Drive duplication – Stage 2 - A site compound has been established and the gas main relocation has commenced.

#### **2.5.2 Public Housing Renewal**

Total funding of more than \$600 million has now been provided for the renewal of all public housing sites included in the ACT's Asset Recycling Initiative (ARI) agreement with the Commonwealth. This has included funding in the 2017–18, 2016-17 and 2015-16 Budgets for the redevelopment and replacement of Owen Flats (Lyneham), Karuah (Dickson), Allawah Court (Braddon), Red Hill Housing Precinct (Red Hill), Bega Court (Reid), Northbourne Flats (Braddon and Turner), Currong Apartments (Braddon), Stuart Flats (Griffith), Strathgordon Court (Lyons), De Burgh Street – North and South (Lyneham) and Gowrie Court (Narrabundah). As these sites are vacated they will be sold for redevelopment. The funding also covers Public Housing Renewal Taskforce costs and ensures the ACT Government can provide ongoing support and assistance to tenants during their relocation to improved accommodation.

Older multi-unit public housing properties will be replaced with modern homes that better meet the needs of tenants. The Public Housing Renewal Taskforce has now transferred more than half of the 1,288 replacement dwellings to Housing ACT, with 722 properties completed. The Public Housing Renewal Taskforce is also continuing to construct and purchase remaining replacement properties.

### 2.5.3 Delivery of Transport Infrastructure

Significant upgrades to transport infrastructure across the Territory have been planned for delivery in 2017-18 including:

- the design, construction and duplication of major roads and intersections to provide access to residential developments and reduce traffic congestion;
- the design and construction of new bus stations and upgrades of existing bus stops; and
- improvement of walking and cycling infrastructure to promote active travel.

Progress against key capital projects that provide public transport infrastructure, as at 31 March 2018, was as follows:

- Better Roads for Gungahlin – Gundaroo Drive Duplication Stage 1 - Has reached 75 per cent completion. A key milestone has been met with the traffic switching to the new carriage way between the Gungahlin Lakes Golf Club entrance and the Mirrabei Drive/Anthony Rolfe Avenue intersection. The project is expected to be completed in late 2018.
- Urban Renewal Program – Erindale Group Centre – Gartside Street (south) development – Stage 1 is now fully complete.
- Building a better city – Federal Highway and Old Well Station Road intersection upgrade - A review of the design documentation has been completed, and procurement is now underway.
- Better Roads for Gungahlin – Enhanced Town Centre road network - Roadworks complete, but landscaping still on consolidation.
- Better Roads for Gungahlin – Gungahlin town centre road network – The procurement been protracted to accommodate Light Rail and access project site.
- Better roads for Tuggeranong – Ashley Drive duplication (Ellerston Avenue to Johnson Drive) – The project is 46 per cent. Evo Energy has completed the relocation of the high voltage cables. The section of new road between Erindale Drive and Isabella Drive is open to traffic. Works have commenced to upgrade the existing barriers over Monks and Tuggeranong Creeks.
- Civic to Gungahlin corridor improvements is now 75 per cent complete. The Dickson Bus Interchange and the construction of Gozzard Street/Ernest Cavanagh Street intersection signalisation for the Gungahlin Bus interchange have been physically completed. The southbound lane of Gungahlin Place is open to traffic and the northbound lane of Gungahlin Place closed to complete the final stage of the bus station construction. Hibberson Street is now closed to traffic to commence refurbishment as a one-way shared zone.



**Gartside Street - Erindale Group Centre**

- Building a better city – Pialligo Avenue duplication – The draft assessment criteria workshops have been completed and traffic modelling has commenced.
- Better public transport – Active travel for schools and shopping centres is now 50 per cent complete. Signage and new paths have been installed at Donaldson Street, Ainslie. A new path has been installed at Aranda to remove the need for students to ride through a public car park to access the bike storage facility. New pram ramps have been installed in Calwell to provide easy access for children riding and parents with prams.
- Better roads for Tuggeranong – Ashley Drive duplication – Stage 2 is now 75 per cent complete. The high voltage cables have been relocated and the works in the median have been completed including the new islands at the intersection of Ellerston Avenue.
- Urban Renewal Program – Weston Group Centre – Brierly Street and Trenerry Square upgrades is now physically complete.



**Ashley drive**





**Weston Trenerry Square**

- Throsby – Access road and western intersection is complete and has been handed over to Transport Canberra and City Services.
- Light Rail – Stage 1 – (Public Private Partnership) construction progress includes:
  - Canberra Metro, the Independent Certifier and Transport Canberra and City Services - via the Transport Canberra Light Rail project team, have over 722 personnel working across all aspects of the Light Rail Stage 1 project including safety, environmental, construction, design, audits, back office, reporting, finance and operations. Cumulatively they have worked over 1.9 million hours on the project;
  - the Mitchell Depot buildings have been structurally completed and continued to be fitted out;
  - over 14,005 metres of track slab have been laid (which is now over 58 per cent of the total route) and 5,884 metres of track rail have been installed (24 per cent of the total route);
  - canopies for stops have been installed at the Gungahlin Terminus, Manning Clark Crescent, Mapleton Avenue, and Nullarbor Avenue, with the fitout (including electrical installation) to canopies commenced at the Nullarbor Avenue stop;
  - in the northern corridor, coloured track slab has been installed at Mapleton and Nullarbor Avenue stops, whilst the pouring of track slab is underway at the Gungahlin Terminus;
  - in the southern corridor, track slab formwork has commenced between Phillip Avenue and the Barton Highway, and commencement of reconstruction of the existing stormwater assets is continuing between Morphett Street and Wakefield/Macarthur Avenues;
  - the second Light Rail Vehicle arrived in Australia from Spain on 31 March 2018 (arrived Canberra on 6 April 2018); and
  - tree planting has commenced along the Northbourne Avenue corridor.



Light Rail – Stage 1–Alinga Street median construction works looking south

#### 2.5.4 Enhancing Community Safety, Corrections and Justice

Progress against key capital projects that support community safety and justice services as at 31 March 2018 was as follows:

- Reforming Emergency Services – Aero – medical services and hangar upgrade is now 85 per cent complete. The project is behind schedule as design of internal fitout and crew amenities are being finalised. This fitout work is scheduled for completion by late May 2018.
- Better support when it matters – More frontline firefighters – Second crew at Ainslie Station Project is still progressing stakeholder engagement.
- Better support when it matters – Drug and Alcohol Court establishment - Stakeholder engagement has commenced.
- Better support when it matters – Integrating the Winnunga Model of Care to Indigenous detainees in the Alexander Maconochie Centre (AMC) – the start-up meetings for the AMC health building will progress work to procure a master contractor.
- Progress on the ACT Law Courts Facilities (Public Private Partnership) includes:
  - the steelwork framing for the hoods are nearing completion with one outstanding frame to be built;
  - the level 3 judicial chambers are nearing completion with 80 per cent of the flooring and joinery work installed;
  - the curved framework for the main foyer is almost complete and ready for the installation of the screen wood ceiling and the framing for the scribbly gum installation is nearing completion;
  - court room fit out is continuing with seating installed and joinery 80 per cent complete; and
  - registry works continue with some phases of the work ready for defects inspection.





ACT Law Courts Facilities

### 2.5.5 [Providing Education for All](#)

Major new works and upgrades to education facilities across the Territory continued. Some of the key progress during the quarter ending 31 March 2018 was as follows:

- Better schools for our kids – New school facilities in East Gungahlin – Early planning work is progressing site selection for the school.
- Better schools for our kids – New school facilities in Molonglo – Early planning –the masterplan is now substantially progressed with the final draft under review.
- Better schools for our kids – Narrabundah College and Campbell Primary School - The project consultation is now complete. The works at Campbell Primary School is nearing completion and the transportable buildings are being delivered to Narrabundah College.
- Better Schools – Investment in Gungahlin school infrastructure – overall the project is 98 per cent complete. This includes the works at Amaroo School, with the exception of new sub-station.
- Schools for the Future – Caroline Chisholm School – Centre for Innovation and Learning is now physically complete.
- Schools for the Future – Modernising Belconnen High – the project has reached 50 per cent construction.



North Gungahlin school infrastructure





Work on modernising Belconnen High School

### 2.5.6 Recreation and Parks

The key projects in this area seek to improve community recreational facilities, lifestyle opportunities and cultural facilities. They include works on sporting facilities, parks, urban spaces and cultural institutions across Canberra. Some of the key progress to March 2018 was as follows:

- Building a better city – Improving major venues has reached 50 per cent completion.
- Building a better city – Indoor Sports Centres – Early planning - The draft report is nearing completion.
- More and better jobs – Improving Manuka Oval broadcast and media facilities – following DA approval construction commenced in February, slightly later than planned. Excavation works completed in March, 2018.
- Better services in your community – Expanding the Domestic Animal Shelter – The feasibility consultant has commenced preparation of the feasibility study report.
- Building a better city – City Renewal Authority – Canberra's lakeside –The project will shortly commence the detailed design which is expected to be completed by 30 June 2018. The ongoing negotiations between the Territory and Commonwealth regarding the resumption of lake bed in Lake Burley Griffin continue.
- Building a better city – City Renewal Authority – Initial works package – This has commenced construction and is now 10 per cent complete. London Circuit will be completed in June 2018 and Akuna Street is expected to be completed in early 2019.
- Urban Renewal Program – Civic and Braddon public realm improvements - The first stage of footpaths and lighting in Haig Park has been completed. The draft master plan for the entire park is currently under consideration. The design of improvements in the Braddon commercial area have commenced and further construction works should begin in the middle of 2018. The project should achieve financial completion by 30 June 2019.
- Building a better city – West Basin infrastructure is now 95 per cent complete.



**Manuka Oval Improvements**

### **2.5.7 Supporting Environmental and Waste Management**

Works continued on a number of environmental, sustainability and waste management projects in 2017-18. Some of the key progress as at 31 March 2018 was as follows:

- Caring for our Environment – Tharwa fish habitat improvement is now 15 per cent complete. The contractor is now in place and the project will be completed by end of the financial year.
- Caring for our Environment – Water Quality Improvement – Work towards the ACT Healthy Waterways Project is now 20 per cent complete.
- Stromlo Forest Park Planning and Infrastructure is now 54 per cent complete.
- Building a better city – Rehabilitating landfill sites – West Belconnen Resource Management Centre landfill rehabilitation – The site auditor and environmental consultant have been appointed for the design of the rehabilitation works in consultation with the Environment Protection Authority. The design of the phytocapping (greenhouse gas emission management) at the Mugga Lane Resource Management Centre has commenced and rehabilitation of Area 4 has been completed.
- National Arboretum Canberra – Water Security – Stage 2 is now complete and all forests are connected to non-potable water.



### 2.5.8 Delivering Health Services

Works continued on the redevelopment and reconfiguration of Canberra's hospitals and healthcare facilities to ensure the availability and viability of quality health care. Some of the key progress to 31 March 2018 was as follows:

- Better care when you need it – Expanding Centenary Hospital – More services for women and children- A strategic business case has been completed for this project.
- Better care when you need it – Replacement of polyethylene aluminium composite panels – Centenary Hospital for Women and Children - Building approval has been granted and construction work has commenced. The majority of the construction work is expected to be completed in June 2018.
- Better care when you need it – Surgical Procedures, Interventional Radiology and Emergency Centre – Major expansion of services at Canberra Hospital - A strategic business case has been completed for this project.
- Better care when you need it – Planning for healthcare in Canberra's north- A scoping study has been completed for this project.
- Better care when you need it – More nurse-led Walk in Centres – the project has reached 31 per cent of completion. A business case has been completed for the Weston Creek Community Health project, this will now progress to early design. Gungahlin Walk in Centre commenced construction in February 2018. The ground slab has been poured and the installation of structural steel has commenced.
- Better care when you need it – University of Canberra Public Hospital operational readiness has reached 100 per cent completion.
- University of Canberra Public Hospital - reached physical completion on 14 February 2018. The head services contractor will take carriage of the hospital through a Transition in Services agreement.
- Calvary Public Hospital – Upgrade of medical imaging equipment has been completed. The project is on track for completion by the end of June 2018.



**Centenary Hospital for Women and Children - Composite panel replacement**