

Meeting Date: Tuesday 2 June 2015
Location: Committee Room 1, Level 5, Civic Centre, 1 Devlin Street, Ryde
Time: 5.00pm

NOTICE OF BUSINESS

Item		Page
1	CONFIRMATION OF MINUTES - Meeting held on 19 May 2015	1
2	FORESHORE PROGRAM SEAWALL - MEADOWBANK.....	5
3	PROJECT STATUS REPORT AS AT 30 APRIL 2015 - PROJECT DEVELOPMENT UNIT	8

1 CONFIRMATION OF MINUTES - Meeting held on 19 May 2015

Report prepared by: Governance, Risk and Audit Coordinator
File No.: GRP/09/5/8 - BP15/656

REPORT SUMMARY

In accordance with Council's Code of Meeting Practice, a motion or discussion with respect to such minutes shall not be in order except with regard to their accuracy as a true record of the proceedings.

RECOMMENDATION:

That the Minutes of the Works and Community Committee 7/15, held on 19 May 2015, be confirmed.

ATTACHMENTS

1 MINUTES - Works and Community Committee Meeting - 19 May 2015

ITEM 1 (continued)

ATTACHMENT 1

**Works and Community Committee
MINUTES OF MEETING NO. 7/15**

Meeting Date: Tuesday 19 May 2015

Location: Committee Room 1, Level 5, Civic Centre, 1 Devlin Street, Ryde

Time: 5.00pm

Councillors Present: Councillors Maggio (Chairperson), Pendleton, Perram and Stott.

Apologies: Councillor Etmekdjian.

Leave of Absence: Councillor Li.

Staff Present: Acting Group Manager – Community Life, Group Manager – Public Works, Manager – Community Capacity and Events, Manager – Asset Systems, Section Manager – Governance and Executive Assistant to Mayor and Councillors.

DISCLOSURES OF INTEREST

There were no disclosures of interest.

1 CONFIRMATION OF MINUTES - Meeting held on 5 May 2015

RESOLUTION: (Moved by Councillors Perram and Stott)

That the Minutes of the Works and Community Committee 6/15, held on 5 May 2015, be confirmed.

Record of Voting:

For the Motion: Unanimous

Note: This is now a resolution of Council in accordance with the Committee's delegated powers.

2 OPTIONS TO CONDUCT A WINE AND MUSIC FESTIVAL

Note: Victor Berger (representing the Gladesville Rotary Club) addressed the meeting in relation to this Item.

RECOMMENDATION: (Moved by Councillors Perram and Pendleton)

That Council provides necessary support to the Gladesville Rotary Club in planning for a Wine and Music Festival in September 2015.

ITEM 1 (continued)

ATTACHMENT 1

Record of Voting:

For the Motion: Councillors Pendleton and Perram

Against the Motion: Councillors Maggio and Stott

Note: This matter will be dealt with at the Council Meeting to be held on **26 MAY 2015** as dissenting votes were recorded.

3 AMENDMENTS TO DELIVERY PLAN LISTING 2014-2015 AND 2015-2016

RECOMMENDATION: (Moved by Councillors Pendleton and Stott)

That the Draft 2015-2019 Delivery Plan Programs currently on exhibition be amended to:-

- (a) remove streets from the Road Resurfacing and Road Kerb Renewals Programs in the 2015/16 and 2016/17 listing, being Perkins Street (Cusack Street – Darvall Road), Read Street (Clanwilliam Street – Warrawong Street), Gardener Avenue (Quarry Road – Bidgee Road) and North Road (Norma Avenue – Fonti Street) that are programmed to be completed in 2014/15 as noted in the report.
- (b) included the outstanding streets from the 2014/15 Road Resurfacing and Road Kerb Renewals Programs in the 2015/16 listings, being Hermitage Road (Goodwin Street – Orchard Street), Champion Road (Deeble Street – Tennyson Road) and Pittwater Road (No. 214 – Rene Street).
- (c) include Khartoum Road and Waterloo Road (intersection Traffic Signals) in the Traffic and Transportation Program listings across 2015/16 to 2017/18 to reflect the timing of the project.
- (d) include under the Catchments Program - Stormwater Improvement Works Renewal, the three pipelines discharging into Shepherds Bay, being 2015/16 Shepherds Bay Drainage Outlet Design, 2016/17 Construction Stage 1 and 2017/18 Construction Stage 2.

Record of Voting:

For the Motion: Unanimous

Note: This matter will be dealt with at the Council Meeting to be held on **26 MAY 2015** as it is outside the Committee's delegations.

ITEM 1 (continued)

ATTACHMENT 1

The meeting closed at 5.10pm.

CONFIRMED THIS 2ND DAY OF JUNE 2015.

Chairperson

2 FORESHORE PROGRAM SEAWALL - MEADOWBANK

Report prepared by: Section Manager - Infrastructure Programs
File No.: GRP/09/3/12 - BP15/560

REPORT SUMMARY

This report details the identified issues, risks and solutions of the Seawall project at Meadowbank and recommends an increase to the scope and budget of the project to account for site conditions and for the impact of approvals from the Department of Primary Industry and the Roads and Maritime Services.

As a consequence of these impacts, and after a detailed review to mitigate against future risks regarding seawall projects, this report recommends proposed adjustments to listed projects within the Foreshore Program - Seawalls/Retaining Walls Refurbishment Renewal Program of the draft 2015-2019 Delivery Plan.

RECOMMENDATION:

- (a) That an amount of \$200,000 be added to the draft Operational Plan 2015 – 2016 Foreshore Program funded from the Section 94 Reserve prior to it being reported back to Council on 9 June 2015.
- (b) That the draft 2015 - 2019 Delivery Plan, Four Year Foreshore Program – Seawalls / Retaining Walls Refurbishment Renewal Project, be amended as detailed in this report prior to it being reported back to Council on 9 June 2015.

ATTACHMENTS

There are no attachments for this report.

Report Prepared By:

Kumar Satkumaran
Section Manager - Infrastructure Programs

Report Approved By:

Anthony Ogle
Service Unit Manager - Asset Systems

George Dedes
Group Manager - Public Works

ITEM 2 (continued)**Discussion**

In the Delivery Plan 2014-18 under the Foreshore Program - Seawalls/Retaining Walls Refurbishment Renewal Program for 2014/15 Council allocated \$320,000 for the Reconstruction of a Seawall at Meadowbank. The estimate was based on the historical construction cost of the seawall at Memorial Park, just east of this location.

Once the investigations commenced a number of unforeseen issues were identified that has escalated the estimated construction cost as well as the time required. The main contributing issues and the impacts are outlined below.

There is an oil pipe line (known as Shell oil pipe line, currently owned by Viva Energy) that is close to the seawall within the zone of influence running behind the seawall. This is a major oil pipe line supplying the Shell Oil Refinery in Rosehill. Council has a statutory obligation to comply with the safety requirements of this pipe, and hence contacted Viva Energy for supervision during construction. In the past whilst in the ownership of Shell, the supervision was provided free of charge for the entire duration of construction, but now it has to be paid for by the hour, and added significant cost to the project.

Soft sediment conditions up to 7 metres deep to build the seawall on, was identified. That necessitated significant additional geotechnical investigation and footing design, including obtaining approvals from Viva Energy. This prolonged the design process, increasing costs and delaying project outcomes.

As a result, a larger footing was required. As the space between the seawall and the oil pipe line is limited, the alignment of the footing was shifted toward the bay, encroaching into the land owned by the Roads and Maritime Services (RMS). Council then approached the RMS seeking permission to lease their land. The approval process involved negotiations with the RMS and the Department of Primary Industries (DPI), extending the timeline further.

As a part of the RMS approval process Council undertook a Review of Environmental Factors (REF), which identified the reduction of the habitat for the saltmarsh and marine species and also the removal of some mangroves. Council then went back to the DPI, which is responsible for the management of marine species. The DPI required Council to provide an equivalent area of habitat in the vicinity of this project to compensate for the loss.

Council then investigated and mapped the vicinity of this project and identified the locations that can be dedicated in lieu for the above. Following site meetings with DPI and submissions with the appropriate plans the permit was granted, culminating in further delay and additional expenditure.

ITEM 2 (continued)

Subsequent to obtaining the permits, two trial sections were built to ascertain the acceptability of the design to meet the statutory obligations for the oil pipe line and that has further escalated the cost and time of this project.

Currently the estimated cost of this project is up to \$1,220,000 with the construction programmed to commence in July / August 2015. The current allocation of \$320,000 will be expended on purchasing the material before the end of financial year and a further \$900,000 will be required for 2015/16 to complete this project. The current budget is \$700,000 and will need to be increased by \$200,000.

Due to the size of this project, the delivery of the other subsequent seawall projects in the Foreshore Program will be impacted at other locations, commencing from 2015/16. Due to lessons learnt from the Seawall at Meadowbank it is proposed to defer the subsequent projects by a year and to split them into two stages, spanning over two years. Design, investigation and planning in the first year and the construction in the second, thus ensuring all risks are identified early and mitigated against, projects are designed accordingly, estimated accurately and sufficient time allocated for the construction. Please note priority is based on condition.

Financial Implications

Funding for the additional \$200,000 in the 2015-2016 Operational Plan is available from the Section 94 reserve. Please note the original program was as follows:

2014/2015	\$320,000	Meadowbank
2015/2016	\$700,000	Morrison Bay
2016/2017	\$220,000	Banjo Patterson
2017/2018	\$450,000	Putney Park

The proposed Seawalls program is listed below*:

2015/16	
Budget \$900,000 (\$700K+\$200K)	1. Meadowbank Construction 2. Morrison Bay Design
2016/17	
Budget \$700,000	1. Morrison Bay Construction 2. Banjo Paterson Design
2017/18	
Budget \$220,000	1. Banjo Paterson Construction 2. Putney Design
2018/19	
Budget \$450,000	1. Putney Construction 2. Bowden Street Design

*Please note the community will be notified of changed delivery timeframes in future consultations

3 PROJECT STATUS REPORT AS AT 30 APRIL 2015 - PROJECT DEVELOPMENT UNIT

Report prepared by: Section Manager - Program Delivery
File No.: GRP/09/3/12 - BP15/616

REPORT SUMMARY

The purpose of this report is to highlight the projects completed as at 30 April 2015 and any project issues that have arisen.

This report covers capital and non-capital projects in the Operational Plan 2014/15 allocated and delivered by the Project Development Unit (PDU), Public Works. Progress of approved carry over projects from 2013/14 and new projects approved during 2014/15 are also included.

PDU's annual target of 85% for completed Operational Plan and carryover projects is currently on track.

RECOMMENDATION:

That Council receive and note this report.

ATTACHMENTS

- 1 Project Status Report Table - April 2015
- 2 Completed Project - CCTV Cameras - Eastwood and Gladesville libraries

Report Prepared By:

Peter Calantzis
Section Manager - Program Delivery

Report Approved By:

Peter Nguyen
Service Unit Manager - Project Development

George Dedes
Group Manager - Public Works

ITEM 3 (continued)

Projects Report

This report covers capital and non-capital projects in the Operational Plan 2014/15 delivered by the Project Development Unit (PDU), Public Works. Progress of projects in the Operational Plan 2014/15, approved carry over projects from 2013/14 and new projects approved during 2014/15 are shown in **ATTACHMENT 1**.

As at 30 April, the PDU is responsible for the delivery of 163 projects including:

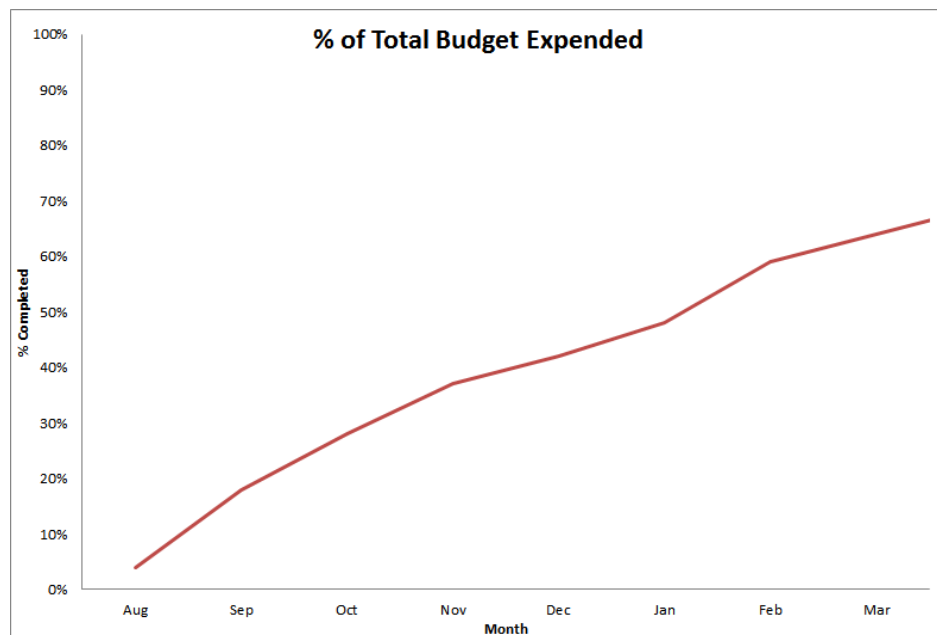
- 136 projects in the Operational Plan 2014/15
- 22 carry over projects from 2013/14
- 5 new projects approved during 2014/15

The PDU annual target (KPI) for completed operational plan and carryover projects is 85%. The current status is as follows:

Total budget (including carry-over projects)	\$26,828,049
Percentage of total approved budget expended*	68%

Excludes projects that are on-hold, awaiting approval by external authorities (e.g. RMS), Council resolution, awaiting finalisation of legal matters, and new projects adopted by Council from 1 July 2014.

The chart below plots monthly percentage of total approved budget expended.



ITEM 3 (continued)

A total of 78 out of 163 projects have been completed to date, with 10 projects completed in the month of April 2015. Severe wet weather in April delayed construction progress, but the forecast project completion percentage is still on track, with over 60 projects scheduled to be completed in the remaining 2 months of 2014/15, weather permitting.

The Capital Works Project Schedule 2014-2015 – April 2015 is provided in **ATTACHMENT 1** and the job card of a completed project is provided in **ATTACHMENT 2**.

Project Exception Report – by Program

The following projects are currently at risk of not being delivered in 2014/15. Actions have been identified for implementation.

Open Space, Sport and Recreation Program

Project Name	Risks	Action/Comments
PM13_51011: Sportsfield Floodlighting Expansion - Morrison Bay Park	DA approval	Additional information being obtained from specialist consultants in accordance with Council resolution including Acoustic Report, Acid Sulphate Management Plan and Ecological Assessment. To be submitted to Council by end May 2015 for assessment, including public exhibition. Funding to be carried over to 2015/16.
PM13_50011: Sportsfield Floodlighting Renewal- Upgrade existing lighting at Ryde Park (field 3)	Project timeframes	DA consent received 3 March 2015. RFQs issued for staged project to allow partial construction, if required, to meet budget. Funding to be carried over to 2015/16.

ITEM 3 (continued)

Project Name	Risks	Action/Comments
PM14_40941: ELS Hall Park # 1 – Synthetic Surface	Hydrology modelling indicates existing stormwater system unable to cater for additional volume of stormwater runoff following construction of synthetic field.	Stormwater drainage design options being developed to cater for additional volume of stormwater runoff following construction of synthetic field. RFT docs being prepared. Construction scheduled for Q1 & Q2, 2015/16. Funding to be carried over to 2015/16.
PM14_40970: Shrimptons Creek – Termite Infestation	Project timeframes	Ecologist Part 5 assessment indicates presence of threatened species (microbats) in EEC. Further discussions to be held with the Entomologist to confirm termite treatment. Fungal affected trees to be removed following testing Funding to be carried over to 2015/16.
PM14_40979: LIRS – P2 Implementation of Children's Play Plan	Project timeframes	Grant funding approval received end of October 2014. Design only 2014/15. Construction 2015/16. Funding to be carried over to 2015/16.
PM13_40935: Quarry Road Amenities Santa Rosa Park	DA approval – DA conditions required amendment to design to account for flood levels.	Tenders received and assessed and report prepared for Council meeting 12 May 2015 recommending preferred contractor. Construction scheduled to complete Q1, 2015/16. Funding to be carried over to 2015/16.

ITEM 3 (continued)
Roads Program

Project Name	Risks	Action/Comments
PM14_50006: Bridge upgrade / renewal program – Cressy Road Footbridge over Kitty’s Creek and Burnett Walk Footbridge, Darvall Park	Budget available is only sufficient to design and construct Cressy Rd footbridge and the design and preliminaries only for Burnett Walk Footbridge	Construction of Burnett Walk Footbridge to be deferred to 2015/16. Design for Cressy Rd footbridge amended following flood study results. RFT docs being prepared. Construction scheduled for Q1, 2015/16. Funding to be carried over to 2015/16.
PM14_40004: Blackspot Program – Median Island – Pittwater Road between Field of Mars roundabout and Renee Street	Delay to project due to REF requirements imposed on design, including protecting ecologically endangered communities.	Variation claim for extension of time submitted to RMS due to REF requirements and the preference to use public tender process. Tender period closes 5 May 2015. Construction planned for Q1 and Q2, 2015/16 as detailed in report to Works and Community Committee held on 31 March 2015.

Catchment Program

Project Name	Risks	Action/Comments
PM14_40515: Detention basin at Waterloo Park, Marsfield (Construction)	Construction of Detention Basin deferred to 2015/16 to accommodate sporting user groups as reported to Works and Community Committee held on 2 December 2014.	Construction of Detention Basin planned for Q1 and Q2, 2015/16. Tenders received and being assessed and report prepared for Council meeting 26 May 2015 recommending preferred contractor.

ITEM 3 (continued)
Centres and Neighbourhood Program

Project Name	Risks	Action/Comments
PM14_40953: Public Domain Delhi Road Upgrade (North Ryde Station to National Park)	Project timeframes	Council resolved (at 11 Nov 2014 meeting) to defer PM14_40788 & 40790 and use funds for final section of Delhi Road Public Domain Upgrade (granite paving). Construction scheduled for Q1, 2015/16. Funding to be carried over to 2015/16.
PM14_40264: Rowe St Construction	Project timeframes	On 14 April 2015, Council adopted revised design with median island and extension of works to deliver the upgrades to 100% of street (total budget \$4.025 million). Additional funding from S94 reserve and scope adjusted as per available funds for this option. Design for extension works in progress and construction 2015/16. Funds to be carried over.

ITEM 3 (continued)
Paths and Cycleways Program

Project Name	Risks	Action/Comments
PM14_50003: Footpath Construction Renewal - Ryedale Road, Denistone	Property damage due to tree root incursions from large fig trees and trip points on existing footpath.	Arborist report on tree health and tree root removal received. Design for footpath construction renewal being finalised.
PM14_40792: Footpath Construction – Plassey Rd	REF requirements	Design being amended to incorporate REF requirements following lengthy consultation process involving NPWS and discovery of rare tree species specimen. Construction scheduled for Q1, 2015/16. Funding to be carried over to 2015/16.

Foreshore Program

Project Name	Risks	Action/Comments
PM14_50009: Seawalls / Retaining Walls Refurbishment Renewal - Meadowbank Park	Investigation works highlighted risks with: <ul style="list-style-type: none"> • Shell fuel pipeline • Fish habitat • Requirement for river marsh management • Unfavourable geotech conditions As a result, the seawall design had been delayed to address and mitigate these risks.	Design being amended to replace boulder rock with larger rectangular stone to reduce public liability risk and simplify/reduce cost of construction. Awaiting Fisheries approval for mangrove removal. Design only and material purchase 2014/15. Construction scheduled for Q1-Q2, 2015/16. Current budget will be expended. Details to be reported to Works and Community Committee on 2 June 2015.

ITEM 3 (continued)

ATTACHMENT 1



PROGRAM SUMMARY

Program	14/15 Budget	No. of 14/15 Projects	Completed 14/15 Projects												Total Completed to Date	
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
1. Open Space, Sport and Recreation	\$3,619,078	24	0	0	0	3	1	1	1	3	1	2	0			11
2. Roads	\$4,963,133	31	0	1	3	0	7	1	1	0	1	2	4			19
3. Property Portfolio	\$2,401,252	2	0	0	0	0	0	0	0	0	0	0	0			0
4. Catchment	\$1,529,820	18	1	0	0	3	1	1	1	0	1	1	1			9
5. Centres and Neighbourhood	\$2,845,587	7	0	0	0	0	0	0	0	0	0	0	1			1
6. Library	\$106,000	3	0	0	0	0	0	0	0	0	0	0	1			1
9. Community and Cultural	\$250,000	7	0	0	0	0	1	1	1	0	0	1	1			4
11. Paths and Cycleways	\$2,038,700	27	1	0	1	0	1	1	2	2	0	0	0			7
12. Environmental	\$133,000	1	0	0	0	0	0	1	1	0	0	0	0			1
15. Traffic & Transport	\$1,661,150	14	0	0	0	1	1	2	1	2	0	0	2			9
18. Foreshore	\$320,000	1	0	0	0	0	0	0	0	0	0	0	0			0
20. Waste and Recycling	\$624,000	1	0	0	0	0	0	0	0	0	0	0	0			0
14/15 Total	\$20,491,720	136	2	1	4	7	12	9	6	5	6	10				62
New Projects	\$504,000	5	0	0	0	0	0	0	0	0	0	0	0			0
Carryover Projects	\$5,832,329	22	3	3	4	2	1	2	0	0	1	0				16
Total Incl. new & c/o projects	\$26,828,049	163	5	4	8	9	13	11	6	5	7	10				78

* Please note carry over information as of 19 May 2015

ITEM 3 (continued)

ATTACHMENT 1

Capital Works Projects Schedule 2014/15
April 2015



PROGRAM DETAILS

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
1		Open Space, Sport and Recreation Program				
1.1	PM14_40026	Street Tree Planting Program	\$75,000	2/03/15	15/05/15	
1.2	PM14_40027	Park Tree Planting Program	\$28,708	29/09/14	29/05/15	
1.3	PM14_40029	Natural Areas Delineation	\$12,500	6/04/15	12/06/15	
1.4	PM14_40941	ELS Hall Park #1 – Synthetic Surface	\$230,000	2/12/14	30/06/15	Stormwater drainage design options being developed to cater for additional volume of stormwater runoff following construction of synthetic field. RFT only in 2014/15 with construction scheduled for Q1 – Q3 of 2015/16. Funding to be carried over to 2015/16.
1.5	PM14_40970	Shrimptons Creek – Termite Infestation	\$70,000	1/06/15	28/08/15	Ecologist Part 5 assessment indicates presence of threatened species (microbats) in EEC. Entomologist to confirm termite treatment. Funds remaining to be carried over to 2015/16.
1.6	PM14_40979	LIRS – P2 Implementation of Children's Play Plan	\$1,500,000	5/05/15	30/06/15	Grant funding approval received end of October 2014. Design only 2014/15. Construction 2015/16. Funding to be carried over to 2015/16.
1.7	PM14_41027	Refurbishment Banjo Paterson Park Wharf	\$200,000	17/11/14	25/03/15	Completed
	PM14_50012	Sportsfield Renewal & Upgrade	\$710,270			
1.8	PM14_40981	Morrison Bay Park #4		15/10/14	20/10/14	Completed
1.9	PM14_40982	ELS Hall Park #2		5/05/15	30/06/15	Completed
1.10	PM14_40983	Meadowbank Park #2 & #3		22/10/14	14/11/14	Completed
1.11	PM14_40984	Westminster Oval		15/09/14	10/10/14	Completed
1.12	PM14_40985	North Ryde Park		15/09/14	31/10/14	Completed
1.13	PM14_40986	Marsfield Park #1 & #2		5/05/15	30/06/15	Deferred and replaced with Gannan Park irrigation system

ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
1.14	PM14_40987	Meadowbank Netball Courts		12/01/15	15/03/15	Completed
1.15	PM14_40988	Magdala Park # 1		15/06/15	30/06/15	
1.16	PM14_40989	Fitness Equipment		15/16	15/16	Suitable site to be determined 2014/15 & construction in 2015/16.
	PM14_50015	Sportsground Amenities Renewal & Upgrade	\$492,000			
1.17	PM14_40990	Meadowbank Park # 2		1/12/14	9/01/15	Completed
1.18	PM14_40991	ELS Hall Park Indoor Community Sports Centre		1/12/14	6/01/15	Completed
1.19	PM14_40992	Morrison Bay Park		5/12/14	13/02/15	Completed
1.20	PM14_40993	Pioneer Park		1/12/14	7/01/15	Completed
1.21	PM14_40994	Eastwood Croquet Club		17/11/14	15/12/14	Completed
	PM14_50016	Playground Construction & Renewal	\$300,600			
1.22	PM14_50016	Irene Park		25/05/15	12/06/15	
1.23	PM14_50016	Girraheen Reserve		8/06/15	26/06/15	
1.24	PM14_50016	Carrara Reserve		11/05/15	26/06/15	Delayed due to wet weather – possible carry over
2		Roads Program				
2.1	PM14_40089	Heavy Patching	\$250,000	1/09/14	12/6/15	
	PM14_50002	Road Resurfacing Renewal	\$2,731,820			
2.2	PM13_40068	Talavera Rd (Khartoun Rd to Lane Cove Rd)	\$182,000	19/06/15	22/06/15	
2.3	PM13_40065	Shaftsbury Road (Rutledge St - Clanwilliam St)	\$201,000	14/07/14	28/09/14	Completed
2.4	PM13_40064	Shaftsbury Road (Clanwilliam St - Trelaway St)	\$237,000	12/05/14	28/09/14	Completed
2.5	PM14_40055	Frederick Street (Henry St – Arnold St)	\$184,000	15/06/15	30/06/15	

Capital Works Projects Schedule 2014/15
April 2015



ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
2.6	PM14_40056	Herritage Road (Goodwin St – Orchard St)	\$197,000	25/05/15	31/07/15	To be undertaken Q1 2015/16 as per report to Works & Community Committee 19/05/15.
2.7	PM14_40070	Vimiera Road (Complete north of Waterloo Rd)	\$157,000	18/08/14	22/09/14	Completed
2.8	PM14_40081	Blaxland Road (Devlin St – Parkes St)	\$86,000	15/10/14	21/11/14	Completed
2.9	PM14_40084	Champion Road (Deeble St – Tamnyson Rd)	\$142,000	11/05/15	26/07/15	To be undertaken Q1 2015/16 as per report to Works & Community Committee 19/05/15.
2.10	PM14_40871	Cox's Road (Conrad St – Shaw St)	\$156,000	16/10/14	27/11/14	Completed
2.11	PM14_40872	Cox's Road (Pittwater Rd – Conrad St)	\$195,000	16/10/14	27/11/14	Completed
2.12	PM14_40289	Gallard Street (Heard St – Richmond St)	\$58,000	14/04/15	15/05/15	Completed
2.13	PM14_40290	Goodwin Street (Meville St – Herritage Rd)	\$190,000	14/04/15	26/06/15	Completed
2.14	PM14_40293	Gladstone Avenue (Cul De Sac (E) – Cowell St)	\$34,000	10/04/15	14/04/15	Completed
2.15	PM14_40294	Goodwin Street (Mahon St – Herritage Rd)	\$27,000	22/04/15	22/05/15	Completed
2.16	PM14_40296	Kinson Crescent (Anthony Road – Cul De)	\$25,000	2/06/14	18/08/14	Completed
2.17	PM14_40299	North Road (Blaxland Rd – Eulo Parade)	\$110,000	28/03/15	29/03/15	Completed
2.18	PM14_40300	North Road (Longview St – Balaclava Rd)	\$189,000	22/11/14	23/11/14	Completed
2.19	PM14_40303	Rex Street (Federal Rd – Grand Ave)	\$35,000	9/10/14	20/11/14	Completed
2.20	PM14_40306	Terry Road (Ryde)(Commissioners Rd)	\$58,000	2/03/15	24/04/15	Completed
2.21	PM14_40307	Waterview Street (Osborne Ave – Cul De Sac)	\$28,818	9/04/15	15/04/15	Completed
	PM14_50004	Road And Kerb Renewal	\$1,468,680			
2.22	PM14_40382	North Road (Fonti St – Longview St)	\$124,000	1/10/14	2/11/14	Completed
2.23	PM14_40384	Quarry Road (Pidding Rd – Niara St)	\$104,000	7/12/14	29/03/15	Completed
2.24	PM14_40385	Pitwater Road (No. 214 – Field of Mars)	\$154,000	22/06/15	16/12/15	Completed 13/14. Next section to be constructed Q1 & Q2 2015/16 in conjunction with Blackspot Program works (refer item 15.5)

Capital Works Projects Schedule 2014/15
April 2015



SILVER
CORPORATE MEMBER

ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
2.25	PM14_40387	Blenheim Road (Pittwater Rd – Moorhead St)	\$167,000	2/12/14	8/12/14	Completed
2.26	PM14_40389	Goulding Road (Fisher Ave – Twin Rd)	\$79,000	14/04/15	29/05/15	
2.27	PM14_40393	Morrison Road (Church St – Belmore St)	\$125,000	12/12/14	13/02/15	Completed
2.28	PM14_40395	Pavement Testing & design for 15/16	\$60,000	Q1	27/04/15	Completed
2.29	PM14_40662	Andrew Street (Macintosh Street – Warf Road)	\$87,000	14/11/14	19/11/14	Completed
	PM14_50006	Bridge Upgrade Renewal	\$148,625			
2.30	PM14_40244	Burnett Walk, Footbridge, Darvall Park		15/16	15/16	Following review of construction cost estimates, additional funding to be sourced or project deferred due to insufficient budget
2.31	PM14_40863	Cressy Road Footbridge over Kitty's Creek		1/06/15	14/08/15	Design amended following flood study results. RFT docs being prepared. Construction carryover to 2015/16.
3		Property Portfolio Program				
3.1	PM14_40810	Civic Centre Refurbishment	\$961,700	Q3	Ongoing	4 year program
	PM14_50019	Commercial Buildings Renewal	\$1,439,552			
3.2	PM14_40980	6 Reserve St, West Ryde - Construction		2/2/15	27/11/15	Construction delayed due to presence of unsuitable material, wet weather and drainage design changes. Remaining funding to be carried over to 2015/16.
4		Catchment Program				
	PM14_50008	Stormwater Asset Replacement Renewal	\$764,910			
4.1	PM14_40423	Twin Rd and Badajoz Rd Intersection North Ryde		29/09/14	24/10/14	Completed
4.2	PM14_40424	Anthony Road West Ryde		15/09/14	31/10/14	Completed
4.3	PM14_40450	Pickford Ave Eastwood		6/07/15	31/07/15	Design only 2014/15
4.4	PM14_40883	11 First Ave		10/09/14	21/11/14	Completed

Capital Works Projects Schedule 2014/15
April 2015



ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
4.5	PM14_41015	Higginsbotham Road		27/01/15	27/02/15	Completed
4.6	PM14_41016	Melba Drive		17/02/15	30/06/15	Design only
4.7	PM14_40454	Parklands Road		11/07/14	29/07/14	Completed
4.8	PM14_41021	Eastwood Culvert		1/05/15	26/06/15	Design only
4.9	PM14_41057	Delange Road		2/02/15	27/03/15	Completed
	PM14_50022	Stormwater Improvement Works Renewal	\$764,910			
4.10	PM14_40515	Detention Basin at Waterloo Park	\$350,000	3/08/15	18/12/15	Construction of Detention Basin postponed to 2015/16 to accommodate sporting user groups as per report to Works & Community Committee 2/12/14.
4.11	PM14_40520	Overland Flow Works Santa Rosa Park	\$150,000	19/02/15	12/06/15	
4.12	PM14_40528	Lower Ground Levels – Waterloo Road		17/09/14	7/10/14	Completed - Waterloo Road pits
4.13	PM14_40923	Darvall Rd Drainage	\$100,000	11/05/15	26/06/15	Design only
4.14	PM14_41020	Brush Farm Pk Ck Rehab - Archers Ck	\$100,000	13/04/15	5/05/15	
4.15	PM14_41022	Water Quality & Riparian Improvements – Terry's Ck	\$42,000	26/05/15	30/06/15	OEH approval pending
4.16	PM14_41017	Gregory St	\$150,000	2/03/15	27/04/15	Completed
4.17	PM14_40524	East Parade	\$130,000	3/11/14	17/12/14	Completed
4.18	PM14_40673	Pit Replacement	\$100,000	1/07/14	28/05/15	
5		Centres and Neighbourhood Program				
5.1	PM14_40788	Multi-function poles in Macquarie Park	\$225,000			Council resolved (at 11/11/14 meeting) to defer to 15/16 and use funds for final section of Delhi Road Public Domain Upgrade (granite paving). Refer item N5.
5.2	PM14_40790	Public Domain Upgrade Lane Cove Road (Epping to Waterloo East)	\$600,000			

Capital Works Projects Schedule 2014/15
April 2015



PUBLIC WORKS
Project Development

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ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
5.3	PM14_40791	Public Domain Upgrade Waterloo Rd (South side, Cottonwood Cres. to Elouera Reserve), Macquarie Park	\$399,587	7/04/15	29/04/15	Completed
5.4	PM14_40815	Implementation Mac Park PAMP Works Plan	\$100,000	5/05/15	26/06/15	
	PM14_50007	Ninood Centre Renewal	\$500,000			
5.5	PM14_40552	Construction of Quarry Rd		16/03/15	12/06/15	
5.6	PM14_40553	Construction of Sager Pl		15/04/15	26/06/15	Possible carryover of remaining funding to 2015/16.
	PM14_50023	Town Centre Upgrade Renewal	\$1,021,000			
5.7	PM14_40264	Rowe St Construction	\$1,000,000	6/07/15	18/12/15	Council adopted revised design with median island and extension of works to deliver upgrades to 100% of street (est cost \$4m). Additional funding to be from S94 reserve and scope adjusted as per available funds for this option. Design for extension works in progress and construction 2015/16. Funding to be carried over to 2015/16.
6		Library Program				
	PM14_50026	Community Buildings Renewal - Libraries	\$106,000			
6.1	PM14_41041	CCTV at Eastwood and Gladsville Libraries	\$31,800	20/3/15	20/04/15	Completed
6.2	PM14_41042	a)A/C at Eastwood Library	\$74,200	11/05/15	19/06/15	
6.3	PM14_41042	b)A/C at Ryde Library		1/06/15	30/06/15	
9		Community and Cultural Program				
	PM14_50014	Community Buildings Renewal	\$250,000			
9.1	PM14_41044	Coxs Road (nth Ryde Community Hall) Kitchen Replacement	\$40,000	9/02/15	20/03/15	Completed
9.2	PM14_41045	Community Buildings Hazmat Reports	\$32,000	2/03/15	30/04/15	Completed
9.3	PM14_41046	Community Buildings Hazmat Remedial Works	\$20,000	5/05/15	30/06/15	

Capital Works Projects Schedule 2014/15
April 2015



PUBLIC WORKS
Project Development

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ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
9.4	PM14_41047	Brush Farm House Termite Baiting Stations	\$8,000	13/10/14	24/12/14	Completed
9.5	PM14_41048	Willandra House Conservation Works	\$51,750	16/03/15	15/05/15	
9.6	PM14_41049	Fall Arrest System (Height Safety rectification)	\$20,000	2/03/15	30/06/15	
9.7	PM14_41050	WRCC Foyer Exhibition space	\$15,000	13/10/14	26/11/14	Completed
11		Paths and Cycleways Program				
11.1	PM14_40001	Bus Shelters	\$43,700	1/04/15	15/05/15	
11.2	PM14_40002	Bus Stop DDA Compliance	\$87,000	9/02/15	6/05/15	
11.3	PM14_40003	Bus Stop Seats - New	\$33,000	20/10/14	5/12/14	Completed
11.4	PM14_51001	Cycleway Construction Expansion	\$200,000	Q1	26/6/15	
	PM14_50003	Footpath Construction Renewal	\$500,000			
11.5	PM14_50003	Condition 4-5 Concrete Stage 1		14/07/14	23/1/15	Completed
11.6	PM14_50003	Condition 4-5 Concrete Stage 2		9/03/15	15/05/15	
11.7	PM14_50003	Condition 4-5 Concrete Stage 3		18/05/15	26/06/15	
11.8	PM14_50003	Condition 4-5 Bitumen Stage 1		14/07/14	16/1/15	Completed
11.9	PM14_50003	Condition 4-5 Bitumen Stage 2		9/03/15	15/05/15	
11.10	PM14_50003	Ryedale Road, Denistone		7/04/15	26/06/15	Arborist report on tree health and tree root removal received. Design for footpath renewal being finalised.
11.11	PM14_50003	Terry Road, Denistone		30/06/14	10/07/14	Completed
11.12	PM14_50003	DDA Compliant Pedestrian Ramps		18/05/15	26/06/15	
	PM14_51003	Footpath Construction – Expansion	\$550,000			
11.13	PM14_40334	Collins Street (Ryrie St – Wicks Rd)		8/06/15	19/06/15	

Capital Works Projects Schedule 2014/15
April 2015



ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
11.14	PM14_40352	Threifaill Street (North Rd – Hunts Ave)		18/05/15	29/05/15	
11.15	PM14_40354	Adelaide Street (James St – Meadowbank)		18/05/15	29/05/15	
11.16	PM14_40364	Moirra Avenue (Mimros St – Mirrool St)		3/09/14	26/09/14	Completed
11.17	PM14_40367	Parklands Road (Whiteside St – Trevitt Rd)		16/03/15	8/05/15	
11.18	PM14_40368	Pambroke Road (Vrniera Rd – Mawarra Cr)		28/11/14	10/12/14	Completed
11.19	PM14_40792	Plassey Road (Delhi Rd to Bend - Stage 1)		15/06/15	28/08/15	Construction to carryover to 15/16 due to lengthy REF consultation process involving NPWS and discovery of rare tree species specimen.
11.20	PM14_40370	Samuel Street (No. 63 – No. 39, Samuel St)		8/06/15	26/06/15	
11.21	PM14_40348	Ryedale Road (No. 2A – No.28 (Reserve))		2/03/15	1/05/15	
11.22	PM14_40372	Trevitt Road (No.23, Trevitt Rd)		15/06/15	26/06/15	
11.23	PM14_40618	Callaghan Street (No.7, Badajoz Rd)		1/06/15	19/06/15	
11.24	PM14_40632	North Road (Clermont Ave – Heath St)		1/06/15	19/06/15	
11.25	PM14_40888	Marsden Road (No. 101 – No. 133 Marsden Rd)		7/10/14	27/11/14	Completed
11.26	PM14_51003	Footpath Construction – Plassey Rd (stage 2)	\$400,000	Q4	15/16	Construction to carryover to 15/16 due to lengthy REF consultation process involving NPWS and discovery of rare tree species specimen.
11.27	PM14_51003	Footpath Construction – Julius Avenue	\$225,000	25/9/05/14	26/06/15	
12		Environmental Program				
12.1	PM14_30469	Lighting Upgrade - Council Facilities	\$133,000	13/11/14	24/12/14	Completed (Operations Centre only)
15		Traffic & Transport Program				
	PM14_40004	Traffic Calming Devices	\$250,000			
15.1	PM14_40004	Osgathorpe - LATM		11/05/15	22/05/15	
15.2	PM14_40004	Parkes Street - TMOP		12/01/15	20/02/15	Completed

Capital Works Projects Schedule 2014/15
April 2015



ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
15.3	PM14_40004	Parkes Street – Speed Cushions		11/05/15	15/02/15	Completed
15.4	PM14_40004	Blackspot Prog – Raised Threshold, Hurts Ave		1/06/15	20/04/15	Completed
15.5	PM14_40004	Blackspot Program – Median Island to Pittwater Rd between Field of Mars Roundabout & Rene St		1/07/15	16/12/15	Additional \$250k RMS grant funding received in addition to original \$400k to incorporate roadworks from Road & Kerb renewal program. Tender period closes 5 May 2015. Construction planned for Q1 and Q2 2015/16 as detailed in report to Works & Community Committee 31/03/15.
15.6	PM14_40004	Dayman Place – Pedestrian Refuge		13/04/15	29/04/15	Completed
15.7	PM14_40004	Traffic Committee Capital Works		1/07/14	19/12/14	Completed
	PM14_50005	Traffic Facilities Renewal	\$211,150			
15.8	PM14_41036	Traffic Facility Review – Local Roads		1/04/15	19/06/15	
15.9	PM14_41037	Buffalo Road Roundabout		12/01/15	16/01/15	Completed
15.10	PM14_41038	West Parade Roundabout		24/10/14	25/11/14	Completed
15.11	PM14_41039	Ryde Road – Kerb Ramp		20/10/14	27/10/14	Completed
15.12	PM14_40928	Traffic – (Signs & Lines)		1/04/15	19/06/15	
15.13	PM14_41040	Traffic Renewal (Forward Planning Program)		1/09/14	19/12/14	Completed
15.14	PM14_40974	Waterloo Rd/Khartoum Rd – TCS Installation	\$220,000	15/16	17/18	Design only 2014/15. To be completed over 3 years as detailed in proposed report to Works & Community Committee 19/05/15.
18	PM14_50009	Foreshore Program				
	PM14_50009	Seawalls / Ret Walls Refurbishment Renewal	\$320,000			
18.1	PM14_50009	Meadowbank Park		15/06/15	28/08/15	Design being amended to replace boulder rock with larger rectangular stone to reduce public liability risk and simplify/reduce cost of construction. Awaiting Fisheries approval for mangrove removal. Construction 2015/16. Current budget will be expended.

Capital Works Projects Schedule 2014/15
April 2015



ITEM 3 (continued)

ATTACHMENT 1

Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
20		Waste and Recycling Program				
20.1	PM14_40033	Porters Creek Site Development & Upgrade	\$100,000	Q4	Q4	Council resolved to proceed with transfer of DP lots. Negotiations underway. Sale not expected in 2014/15. Project will be completed but with a reduced scope.
		New Projects				
N1	PM14_XXXX	Safer Streets Program - CCTV in Eastwood	\$200,000			Deferred
N2	PM14_41030	Tennyson Point – Dinghy Racks	\$20,000	1/06/15	19/06/15	Added to Sportsfield Renewal & Upgrade cluster
N3	PM14_41043	Archers Creek Litter Reduction Project	\$259,000	7/04/15	12/06/15	
N4	PM14_XXXX	Public Domain technical Manual Review	\$25,000	2/02/15	29/05/15	
N5	PM14_40953	Public Domain Delhi Road Upgrade (North Ryde Station to National Park)	tbc	1/06/15	14/08/15	Council resolved (11/11/14 meeting) to defer PM14_40788 & 40790 and use funds for final section of Delhi Road Public Domain Upgrade (granite paving). Construction to carryover to 2015/16.
		Carryover Projects				
	PM13_40817	LIRS - P1 Implementation of Children's Play Plan (Cluster)	\$1,500,000			
C1	PM13_40817	Monash Park		18/08/14	10/10/14	Completed
C2	PM13_40817	Memorial Park		26/01/15	20/03/15	Completed
C3	PM13_40817	Gannan Park		20/03/15	12/05/15	
C4	PM13_40817	Lions Park		12/01/14	12/06/15	
C5	PM13_40817	Granny Smith		13/10/14	28/11/14	Completed
C6	PM2010_73	Ryde River Walk Construction	\$1,734,329	10/10/14	15/05/15	
C7	PM13_40860	Glen Street Lakeside Road Car Park	\$88,000	2/07/14	15/08/14	Completed
C8	PM13_40243	Glen Reserve Footbridge – Glen St Eastwood	\$80,000	17/07/14	20/08/14	Completed
C9	PM2011_87	RALC Surf Attraction	\$350,000	6/12/13	8/08/14	Completed

Capital Works Projects Schedule 2014/15
April 2015



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ITEM 3 (continued)

ATTACHMENT 1


Item	Project Number	Project Name	Budget	Construction Start	Construction Finish	Risk/Actions/Comments
C10	PM13_40603	Elouera Reserve Upgrade	\$240,000	19/05/14	26/09/14	Completed
C11	PM13_40570	Shrimptons Creek Stormwater Work Stage 2	\$154,000	29/09/14	10/12/14	Completed (viewing deck at Blorention Basin)
C12	PM13_40520	Overland Flow Works – Santa Rosa Park				Replaced by PM14_40528 (item 4.12)
C13	PM13_40937	Sportsground Amenities Renewal & Upgrade – ELS Hall Park Upper Amenities	\$345,000	7/09/14	22/12/14	Completed
C14	PM13_50011	Sportsfield Floodlighting Renewal	\$50,000	15/16	15/16	DA for Ryde Park approved 3/03/15. Tenders for construction closed 12/05/15 and under evaluation. Funding to be carried over to 2015/16.
	PM13_51011	Sportsfield Floodlighting Expansion	\$250,000			
C15	PM12_40715	Morrison Bay Park		15/16	15/16	Additional information being obtained from specialist consultants for resubmission of DA as per Council resolution. Construction 2015/16. Funding to be carried over to 2015/16.
C16	PM12_40907	Waterloo Park		22/09/14	27/10/14	Completed
C17	PM12_40819	Macquarie Park TfNSW ECRL Stn Access Works	\$100,000	2/04/14	28/07/14	Completed
C18	PM13_40024	Morrison Road (Charles – Boulton St)	\$150,000	12/05/14	12/09/14	Completed
C19	PM12_30517	Meadowbank (Gladesville Traffic Study	\$78,000	Q2	30/06/15	\$2m allocated by State Govt for various programs including traffic calming measures to Morrison Rd.
C20	PM13_40935	Quarry Road Amenities	\$120,000	1/06/15	7/08/15	Tenders received and assessed and report prepared for Council meeting 12 May 2015 recommending preferred contractor. Construction to carryover to 2015/16
C21	PM13_40791	Public Domain Upgrade Waterloo Rd (Elouera Reserve frontage - Cottonwood Cres. To Herring Road), Macquarie Park	\$300,000	30/04/14	26/09/14	Completed - refer item 5.3 for stage 2 works (Cottonwood Crescent to Elouera Reserve). Final section to Herring Road to be constructed by developer of adjoining site.
C22	PM13_41006	12 Turner Street – Parsonage	\$43,000	30/06/14	31/07/14	Completed
C23	PM13_40934	Shaftsbury Road	\$164,872	14/07/14	21/09/14	Completed
C24	PM13_40061	Terry Road - (Goodwin St – Orchard St)	\$164,000	13/05/14	14/07/14	Completed

Capital Works Projects Schedule 2014/15
April 2015




ITEM 3 (continued)

ATTACHMENT 2



PUBLIC WORKS
Project Development

Community Building Renewals Libraries
CCTV at Eastwood and Gladesville Libraries



BACKGROUND

The new CCTV system at Gladesville was installed after a recent break-in and to bring Gladesville library in line with all other branches within the City of Ryde.

Eastwood Library has had the existing CCTV system upgraded and expanded to improve asset and staff security. Cameras were installed to give greater coverage of the library and also cover all entry points to the library.



SCOPE


As part of the project, works included:

- 24 hour motion activated cameras
- Software and hardware compatible with existing "Digifort" system
- Ability for footage to be viewed by Buildings Section staff at Operations Centre
- New server and digital recorder (hard drive)



PROJECT TEAM

Business Manager: Library Services Unit
 Delivery Manager: Project Development Unit
 Project Manager: Chris Virgona
 Constructed By: External Contractor
 Completion Date: April 2015
 Total Project Cost: \$34,852



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