

## **5.1: FIVE YEAR FORWARD CAPITAL WORKS PLAN**

<b>Proponent</b>	: City of Albany
<b>Owner</b>	: City of Albany
<b>Attachments</b>	: Draft 5 Year Forward Capital Works Plan
<b>Responsible Officer(s)</b>	: Executive Director Works & Services (S Grimmer)

### **IN BRIEF**

- The City has the opportunity to access \$868,939 external funding from Regional Department of Lands (RDL) from its 2012/13 funding year, if the City adopts the Five Year Forward Capital Works Plan 2012/13 – 2016/17 at the December 2012 Council meeting.
- The Five Year Forward Capital Works Plan 2012/13-2016/17 will also form the basis for the City to develop its 10 year financial and asset management plans, as required by the Integrated Planning Framework.

### **RECOMMENDATION**

#### **ITEM 5.1 RESPONSIBLE OFFICER RECOMMENDATION VOTING REQUIREMENT: ABSOLUTE MAJORITY**

##### **THAT Council**

- 1. Adopt the Five Year Forward Capital Works Plan 2012/13 - 2016/17 to comply with 2012/13 Regions Country Local Government Funding (CLGF) requirements; and**
- 2. Agree to apply the funds totalling \$868,939 to the Lower Barnesby Drive Drainage Upgrade project, noting the funding opportunity does not require any City own source funds.**

### **BACKGROUND**

1. The Western Australian Liberal National Government's Royalties for Regions is a commitment to put more back into the State's regional local authorities.
2. The primary objective of the Royalties for Regions Country Local Government Fund (CLGF) is to address infrastructure needs across the country local government sector.
3. As part of this commitment for individual councils, each local government is required to have an adopted Five Year Forward Capital Plan (FCWP) by grouping of projects (eg Roads and Bridges, Footpaths, Drainage, Open Space, Buildings, Commercial Activities, Foreshores and Marine Safety, Waste, Recreation, Other).

**DISCUSSION**

4. The City has not yet submitted a conforming Five Year Plan, but has been successful in obtaining funding by providing the CLGF with a detailed Asset Management Plan – Pathways, adopted by the Council, for its 2010/11 round of funding for pathways. The actual works were completed in July 2012 and an acquittal of this set of projects by Council auditors has been completed and forwarded to the Department of Regional Development and Lands (RDL) for verification.
5. This financial year, the City has sought funding for the North/Sanford Road Drainage Upgrade, using its Flood Management Strategy. It has been successful with the 2011/12 application and currently awaits the signed funding agreement to allow commencement of the project.
6. RDL preference is for the funds to be spent in the year in which they are paid. However, local governments may take up to two years from the signing of the funding agreement to acquit the funds to the satisfaction of DRDL and as detailed in the funding agreement. Payment of 2012-13 CLGF funds will not be made until the 2010-11 CLGF allocation has been fully acquitted and reports accepted by RDL in accordance with the funding agreement.
7. The 2013/14 round of CLGF funding requires the City to ensure its projects are identified as priorities in the Council adopted Five Year Forward Capital Works Plan, which should be reviewed annually to keep it relevant and up-to-date. The project must also be 'construction ready', with all design and approval matters completed.
8. In line with Council's previous decision to support the drainage works at North/Sanford Roads (OCM 13.12.11 item 1.6), based on the results of storm damage from the 2005, 2008, 2011 years, it is recommended that the 2012/13 funding be committed to the next stage of the drainage program – Lower Barnesby Drive Drainage Upgrade works.
9. Description of works:
  - The project seeks to replace failing stormwater infrastructure in order to reduce the incidence of flooding and traffic disruption to Barnesby Drive and North Road intersection by replacing failing steel pipe culverts with concrete box culverts with improved hydraulic and structural capacity.
  - The current corrugated steel pipe culverts have exceeded their life and are now structurally failing (rusting and collapsing) requiring regular and increasing maintenance to remain stable. The resulting tunnelling of culvert foundation will lead to increasing flooding with increased risks to vehicle and pedestrian safety from a partial or total culvert crossing collapsed entering Caltex service station and IGA supermarket.
10. The improved drainage at these two road intersections will facilitate public safety along this main arterial route, as well as assisting in improving the overall drainage for the Yakamia area. It will also be incorporated into drainage works that will impact on the Centennial Park Precinct program, which is attracting funding through the Regional Country Local Government Fund and Department of Sport and Recreation funding.
11. RDL requires individual local governments to revise their FCWP, and this documentation must be submitted **between 30 October and 30 December 2012** to RDL who will assess projects against the CLGF guidelines.

\*\*REFER DISCLAIMER\*\*

12. Failure to meet the **30 December 2012** deadline may result in a local government being excluded from 2012-13 funding and their 2012-13 notional allocation being re-distributed to other eligible recipients.
13. The Five Year Forward Capital Works Plan 2012/3 – 2016/7 will also form a basis for the City to develop its 10 financial plan, as required by the Integrated Planning Framework. It is acknowledged this plan is in a draft form, but it requires Council adoption to access the CLGF for 2012/13 to comply with the **30 December 2012** deadline.
14. Further public consultation and discussion with elected members will be required to develop the 10 year plan in accordance with the Integrated Planning Framework requirements.

**GOVERNMENT CONSULTATION**

15. The City is in consultation with the RDL regarding the progression of this annual funding opportunity, and all commitments have been adhered to.

**PUBLIC CONSULTATION / ENGAGEMENT**

16. There is public support for the works as indicated from the reaction to the earlier storm damage issues. If the project is supported, public consultation will occur both prior to and during the proposed works, as the affected area includes a major traffic link in the City.

**STATUTORY IMPLICATIONS**

17. There are no statutory implications to the City adopting a Five Year Forward Capital Works Plan to comply with 2012/13 CLGF requirements.

**STRATEGIC IMPLICATIONS**

18. This item directly relates to the following elements of the 2011 City of Albany Strategic Plan:

**Key Focus Area**  
*Sustainability and Development*

**Community Priority**  
*Drainage improvements*

**POLICY IMPLICATIONS**

19. There are no policy implications relating to this matter.

**RISK IDENTIFICATION & MITIGATION**

20. The risk identification and categorisation relies on the City's Risk Management Framework.

Risk	Likelihood	Consequence	Risk Analysis	Mitigation
Loss of funding opportunity totalling \$868,939.	Almost certain	Severe	Extreme	Adoption of the Five Year Forward Capital Works Plan will ensure the City is able to apply for the 2012/13 Country Local Government Funds

**FINANCIAL IMPLICATIONS**

21. The City can access funding from the CLGF for individual local authorities if it adopts the Five Year Forward Capital Works Plan 2012/13 – 2016/17, totalling \$868,939. There are no own source funds required from the City to access this funding opportunity.

**LEGAL IMPLICATIONS**

22. Should the City adopt the Five Year Forward Capital Works Plan 2012/13 – 2016/17, it can access the funding, subject to the finalisation of a funding agreement between RDL. This arrangement has occurred with previous CLGF opportunities, both in the Regional and Individual agreements for various projects including the construction of Day Care improvements, pathway construction, ANZAC Peace Park – Lone Pine; and Centennial Park Precinct.

**ALTERNATE OPTIONS**

23. The City may elect to not adopt the Five Year Forward Capital Works Plan in accordance with the 2012/13 Country Local Government Funding opportunity, and therefore forfeit the \$868,939 funding.

<b>Consulted References</b>	:	Royalties for Regions Country Local Government Fund (CLGF) Guidelines
<b>File Number (Name of Ward)</b>	:	SD.DEC.4 (Yakamia Ward)

5 Year Forward Capital Plan 2012/13					
Roads					Actual Budget
	Category	Council	CLGF	Other	Total
Lower Denmark Rd	Upgrade	\$436,667		\$873,333	\$1,310,000
Millbrook Rd	Upgrade	\$77,635		\$155,269	\$232,904
<b>Construction Total</b>		<b>\$514,302</b>		<b>\$1,028,602</b>	<b>\$1,542,904</b>
Allmore Rd	Renewal	\$30,000			\$30,000
Bramwell Rd	Renewal	\$30,000			\$30,000
Brewster Rd	Renewal	\$20,000		\$20,000	\$40,000
Bushby Rd	Renewal	\$5,000		\$55,000	\$60,000
Gledhow Sth Rd	Renewal	\$30,000			\$30,000
Harbour View Pde	Renewal	\$10,000			\$10,000
Home Rd	Renewal	\$5,000		\$45,000	\$50,000
Lower Denmark Rd	Renewal	\$5,000		\$95,000	\$100,000
Mckail Rd	Renewal	\$30,000			\$30,000
Morgan Rd	Renewal	\$30,000			\$30,000
Peppermint Dv	Renewal	\$10,000			\$10,000
Prescottvale Rd	Renewal	\$5,000		\$45,000	\$50,000
Rowney Rd	Renewal	\$24,000			\$24,000
Bettys Beach Rd	Renewal	\$5,000		\$95,000	\$100,000
Gnowellan Rd	Renewal	\$5,000		\$85,000	\$90,000
Homestead Rd	Renewal	\$100,000		\$200,000	\$300,000
Hunwick Rd South	Renewal	\$5,000		\$85,000	\$90,000
North Rd	Renewal	\$7,000		\$68,000	\$75,000
Palmdale Rd	Renewal	\$7,000		\$380,000	\$387,000
Thompson Rd	Renewal	\$5,000		\$85,000	\$90,000
Pfiever Rd	Renewal	\$200,000		\$250,000	\$450,000
Woodides Rd	Renewal	\$4,032		\$46,968	\$51,000
<b>Preservation Total</b>		<b>\$572,032</b>		<b>\$1,554,968</b>	<b>\$2,127,000</b>
Cumming Rd	Upgrade	\$22,000		\$28,000	\$50,000
Frenchman Bay Rd	Upgrade	\$29,000		\$38,000	\$67,000
<b>Road Safety</b>		<b>\$51,000</b>		<b>\$66,000</b>	<b>\$117,000</b>
<b>Totals</b>		<b>\$1,137,334</b>		<b>\$2,649,570</b>	<b>\$3,786,904</b>

5 Year Forward Capital Plan 2013/14					
Roads					Actual Budget
	Category	Council	CLGF	Other	Total
Millbrook Rd	Upgrade	\$187,200		\$360,000	\$547,200
Princess Ave	Upgrade	\$145,600		\$280,000	\$425,600
Parker St	Upgrade	\$215,600		\$180,000	\$395,600
Townsend St	Upgrade	\$228,800		\$190,000	\$418,800
Pfeiffer Rd	Upgrade	\$208,000		\$250,000	\$458,000
Willyung Rd	Upgrade	\$169,000		\$643,755	\$812,755
<b>Construction Total</b>		<b>\$1,154,200</b>		<b>\$1,903,755</b>	<b>\$3,057,955</b>
Hanson St	Renewal	\$14,000		\$90,000	\$104,000
Hope St	Renewal	\$6,000		\$46,000	\$52,000
Leonora St	Renewal	\$67,000		\$70,000	\$137,000
Dempster Rd	Renewal	\$18,000		\$54,000	\$72,000
Lower Denmark Rd	Renewal	\$263,466		\$506,667	\$770,133
Chillinup Rd	Renewal	\$400,000			\$400,000
Piggot Martin Rd	Renewal	\$80,000			\$80,000
Gravel Resheets	Renewal	\$260,000			\$260,000
<b>Preservation Total</b>		<b>\$1,108,466</b>		<b>\$766,667</b>	<b>\$1,875,133</b>
Black Spot Road Safety	Upgrade	\$50,000		\$100,000	\$150,000
<b>Road Safety</b>		<b>\$50,000</b>		<b>\$100,000</b>	<b>\$150,000</b>
<b>Totals</b>		<b>\$2,312,666</b>		<b>\$2,770,422</b>	<b>\$5,083,088</b>

5 Year Forward Capital Plan 2014/15					
Roads					Actual Budget
	Category	Council	CLGF	Other	Total
Millbrook Rd	Upgrade	\$258,000		\$478,064	\$736,064
Princess Ave	Upgrade	\$160,000		\$280,000	\$440,000
Pfeiffer Rd	Upgrade	\$170,000		\$250,000	\$420,000
Cunningham St	Upgrade	\$20,000		\$117,000	\$137,000
<b>Construction Total</b>		<b>\$608,000</b>		<b>\$1,125,064</b>	<b>\$1,733,064</b>

Boongarrie St	Renewal	\$10,000		\$58,000	\$68,000
Burgess St	Renewal	\$10,000		\$48,000	\$58,000
Roe Pde	Renewal	\$30,000		\$200,000	\$230,000
Hunter St	Renewal	\$10,000		\$88,000	\$98,000
Harbour Rd	Renewal	\$15,000		\$54,000	\$69,000
Yokanup Rd	Renewal	\$15,000		\$118,000	\$133,000
Baker St South	Renewal	\$55,000			\$55,000
Hubble Rd	Renewal	\$10,000		\$22,000	\$32,000
Slater Rd	Renewal	\$20,000		\$126,000	\$146,000
Nelson St	Renewal	\$80,000			\$80,000
Sinclair St	Renewal	\$90,000			\$90,000
Howson St	Renewal	\$10,000		\$57,000	\$67,000
Albany St	Renewal	\$50,000		\$8,000	\$58,000
Collingwood Rd	Renewal	\$10,000		\$39,000	\$49,000
Gladville Rd	Renewal	\$50,000		\$39,000	\$89,000
Kojaneerup West Rd	Renewal	\$200,000		\$333,333	\$533,333
Racecourse Rd	Renewal	\$30,000		\$6,000	\$36,000
South Stirling Rd	Renewal	\$175,000		\$160,000	\$335,000
Car Park	Renewal	\$108,000			\$108,000
Gravel Resheets	Renewal	\$1,000,000			\$1,000,000
<b>Preservation total</b>		<b>\$1,978,000</b>		<b>\$1,356,333</b>	<b>\$3,334,333</b>
Black Spot Road Safety	Upgrade	\$50,000		\$100,000	\$150,000
<b>Road Safety</b>		<b>\$50,000</b>		<b>\$100,000</b>	<b>\$150,000</b>
<b>Total</b>		<b>\$2,636,000</b>		<b>\$2,581,397</b>	<b>\$5,217,397</b>

5 Year Forward Capital Plan 2015/16					
Roads			Funding Source		Actual Budget
	Category	Council	CLGF	Other	Total
Elleker Grassmere Rd	Upgrade	\$50,000		\$300,000	\$350,000
Elleker Grassmere Rd	Upgrade	\$100,000		\$330,000	\$430,000
Lower Denmark Rd	Upgrade	\$250,000		\$400,000	\$650,000
Millbrook Rd	Upgrade	\$250,000		\$400,000	\$650,000
North Rd	Upgrade	\$135,000		\$220,000	\$355,000

Sinclair St	Upgrade	\$120,000			\$120,000
Pfeiffer Rd	Upgrade	\$22,400		\$250,000	\$272,400
Lion St	Upgrade	\$150,000			\$150,000
<b>Construction Total</b>		<b>\$1,077,400</b>		<b>\$1,900,000</b>	<b>\$2,977,400</b>
Briss St	Renewal	\$10,800		\$90,000	\$100,800
Firth St	Renewal	\$6,000		\$50,000	\$56,000
Jackson St	Renewal	\$44,800		\$40,000	\$84,800
Miller St	Renewal	\$61,000		\$35,000	\$96,000
Woolford St	Renewal	\$4,800		\$40,000	\$44,800
Good Rd	Renewal	\$3,000		\$25,000	\$28,000
Jandoo Crt	Renewal	\$3,000		\$25,000	\$28,000
Baker St North	Renewal	\$100,000			\$100,000
Bromley Rd	Renewal	\$20,000			\$20,000
Bryant Crt	Renewal	\$25,000			\$25,000
Herbert St	Renewal	\$25,000			\$25,000
Langdon Crt	Renewal	\$15,000			\$15,000
McKenzie Dr	Renewal	\$15,000			\$15,000
Shepherd Rd	Renewal	\$50,000			\$50,000
Lower Stirling Tce	Renewal	\$100,000			\$100,000
Sirling Tce Car Park	Renewal	\$50,000			\$50,000
Leslie St	Renewal	\$15,000		\$110,000	\$125,000
Minerva St	Renewal	\$10,000		\$60,000	\$70,000
Car Park	Renewal	\$150,000			\$150,000
Gravel Resheets	Renewal	\$1,000,000			\$1,000,000
<b>Preservation total</b>		<b>\$1,708,400</b>		<b>\$475,000</b>	<b>\$2,183,400</b>
Black Spot Road Safety	Upgrade	\$50,000		\$100,000	\$150,000
<b>Road Safety</b>		<b>\$50,000</b>		<b>\$100,000</b>	<b>\$150,000</b>
<b>Total</b>		<b>\$2,835,800</b>		<b>\$2,475,000</b>	<b>\$5,310,800</b>

5 Year Forward Capital Plan Roads 2016/17					
Roads			Funding Source		Actual Budget
	Category	Council	CLGF	Other	Total



Albany Hwy	Renewal	\$450,000		\$700,000	\$1,150,000
Elizabeth St	Renewal	\$100,000		\$720,000	\$820,000
Norwood Rd	Renewal	\$500,000		\$800,000	\$1,300,000
<b>Construction Total</b>		<b>\$1,050,000</b>		<b>\$2,220,000</b>	<b>\$3,270,000</b>
Beaufort Rd	Upgrade	\$155,000		\$0	\$155,000
Bedwell St	Upgrade	\$50,000		\$260,000	\$310,000
Medcalf Pde	Upgrade	\$15,000		\$82,800	\$97,800
Camfield St	Upgrade	\$45,000		\$0	\$45,000
Eleanor St	Upgrade	\$60,000		\$0	\$60,000
Verdi St	Upgrade	\$25,000		\$62,200	\$87,200
Rutherford St	Upgrade	\$115,000		\$0	\$115,000
Sierra Cr	Upgrade	\$161,000		\$0	\$161,000
Car Park	Upgrade	\$115,000		\$0	\$115,000
Gravel Resheets	Upgrade	\$920,000		\$0	\$920,000
<b>Preservation Total</b>		<b>\$1,661,000</b>		<b>\$405,000</b>	<b>\$2,066,000</b>
Black Spot Road Saftey	Renewal	\$50,000		\$100,000	\$150,000
<b>Road Safety</b>		<b>\$50,000</b>		<b>\$100,000</b>	<b>\$150,000</b>
<b>Total</b>		<b>\$2,761,000</b>		<b>\$2,725,000</b>	<b>\$5,486,000</b>

5 Year Capital Works Program 2012/13						
Pathways	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Eyre Park	Construct a new shared path from Adelaide Cres to Garden St	New	194,500			194,500
<b>Sub Total</b>			<b>194,500</b>			<b>194,500</b>
Emu Point Dr	Widen and reseal existig Cycle lane from Troode St to Meraide Ave	Upgrade	154,000			154,000
Anzac Peace Park	Remove existing stabilized earth path, replace with concrete	Upgrade	85,000			85,000
<b>Sub Total</b>			<b>239,000</b>			<b>239,000</b>
<b>Totals</b>			<b>433,500</b>			<b>433,500</b>

5 Year Capital Works Program 2013/14						
Pathways	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Middleton	Upgrade existing path to current standards	Upgrade	48,900			48,900
Golf Links Rd	Widen and reseal existing Cycle lane from Wollaston to Troode St	Upgrade	218,400			218,400
Brunswick Rd	Replace existing black ashpalt with red ashphalt.	Upgrade	43,200			43,200
Troode St	Widen and reseal existing Cycle lane from Golf Links Rd to Collingwood Rd	Upgrade	114,400			114,400
Flinders Pde	Realign existing Path to the eastern side of the car park, redesign car park to suit.	Upgrade	70,800			70,800
<b>Totals</b>			<b>495,700</b>			<b>495,700</b>

5 Year Capital Works Program 2014/15						
Pathways	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Minerva / Leslie	Construct a 1.5 mtr path from North Rd to Edward St as per design.	New	170,300			170,300
Angove Rd	Construct a pedestrian refuse island in non-compliant crossover to improve pedestrian safety.	New	61,000			61,000
Albany Hwy	Construct a shared path as per design.	New	154,000			154,000
<b>Sub Total</b>			<b>385,300</b>			<b>385,300</b>

Earl St (Left)	Patch existing surface, overlay with asphalt, from Rowley St to Spencer St	Upgrade	10,200			10,200
Grey St	Replace existing 600 x 600 concrete slabs with grey pavers to tie into current street scape from York St to Collie St.	Upgrade	44,400			44,400
<b>Sub Total</b>			<b>54,600</b>			<b>54,600</b>
<b>Total</b>			<b>439,900</b>			<b>439,900</b>

5 Year Capital Works Program 2015/16						
Pathways	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Richard St	Construct a 1.5 m path on the western side of the road.	New	186,300			186,300
Burville St	Construct a 2.5 mtr red asphalt path from Collingwood Rd to FP159.	New	49,700			49,700
<b>Sub Total</b>			<b>236,000</b>			<b>236,000</b>
Middleton Rd	Remove existing 600 x 600 concrete slabs with concrete pathway from Stewart St to Wollaston Rd.	Upgrade	55,800			55,800
Stirling Tce	Remove existing slabs, construct shared red asphalt path at full verge width from Spencer St to Briidges St.	Upgrade	162,000			162,000
Vancouver St	Red asphalt	Upgrade	59,800			59,800
<b>Sub Total</b>			<b>277,600</b>			<b>277,600</b>
<b>Totals</b>			<b>513,600</b>			<b>513,600</b>

5 Year Capital Works Program 2016/17						
Pathways	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Wollaston Rd	Construct a 2.5m red asphalt shared path from Golf Links Rd to Flinders Pde.	New	103,100			103,100
Admiral St	Construct a 2.5m concrete shared path from Muller St to Leschenault St.	New	89,500			89,500
Barnesby Dr (West side)	Construct a 2.5m shared path from Erindale Crt to Butts Rd ( will need to work in with the drainage program)	New	131,200			131,200
<b>Sub Total</b>			<b>323,800</b>			<b>323,800</b>

AGENDA ITEM 5.1 REFERS

Middleton Rd	Remove existing slabs, construct 2.5m shared path from Wollaston Rd to 115m west of Lake Seppings Dr.	Upgrade	134,500			134,500
<b>Sub Total</b>			<b>134,500</b>			<b>134,500</b>
<b>Totals</b>			<b>458,300</b>			<b>458,300</b>

5 Year Forward Capital Plan 2012/13					
Drainage	Works	Funding Source			Actual Budget
		Category	Council	CLGF	Total
North Rd/Sanford Rd Drainage Project	As per design SD.DEC.4	New	141,311	868,939	1,010,250
Centennial Park Wetlands	As per design SD.DEC.3	New	131,000		131,000
<b>Sub Total</b>			<b>272,311</b>		<b>1,141,250</b>
Hare St Flood Mitigation	As per design SD.DEC.7	Upgrade	52,000		52,000
Beaufort Rd	Minor Creek Alignment	Upgrade	70,000		70,000
Humphreys St	Minor Pipe upgrade an Kerbing installation to school oval	Upgrade	114,000		114,000
Stephen St Basin	Increase capacity of existing basin	Upgrade	40,000		40,000
Harbour View Pd Drainage Stage 2	Install new section of pipe retire open drain	Upgrade	60,000		60,000
<b>Sub Total</b>			<b>336,000</b>		<b>336,000</b>
<b>Total</b>			<b>608,311</b>		<b>1,477,250</b>

5 Year Forward Capital Plan 2013/14					
Drainage	Works	Funding Source			Actual Budget
		Category	Council	CLGF	Total
Stephen St	Install new over flow pipe works.	New	170,000		170,000
<b>Sub Total</b>			<b>170,000</b>		<b>170,000</b>
Renew damaged pit covers	Replace damaged and worn drainage pits covers, raise burried pits.	Renew	22,500		22,500
<b>Sub Total</b>			<b>22,500</b>		<b>22,500</b>

Cull Park Catchment	Stage 1- Improve out flow from retention basin in Cull Park to Knights St and Easement opposite Bathurst St	Upgrade	450,000		450,000
Proud Love Pde & UWA Building & Stirling Tce Drainage	Installation of new pipe into existing drainage South of Stirling Tce Road Res	Upgrade	90,000		90,000
Green Island/Range Court/Hiam St	Flood Mitigation	Upgrade	45,000		45,000
Proudlove Pde	Timber Box Culvert Replacement near Railway Station	Upgrade	225,000		225,000
Lower Barnesby Drive	Driveway Culvert	Upgrade	207,955	868,939	1,100,000
Yakamia Drain Flood Mitigation	Centennial Park Basins	Upgrade	53,100		53,100
<b>Sub Total</b>			<b>1,071,055</b>	<b>868,939</b>	<b>1,963,100</b>
<b>Total</b>			<b>1,263,555</b>	<b>868,939</b>	<b>2,155,600</b>

5 Year Forward Capital Plan 2014/15					
Drainage	Works	Funding Source			Actual Budget
		Category	Council	CLGF	Total
Le Grande Avenue Drainage Basin	Construct basin	New	600,000		600,000
<b>Sub Total</b>			<b>600,000</b>		<b>600,000</b>
Cull Park Catchment	Stage 2 - Re route drainage from ASHS & APS to Symers St away from Campbell Rd	Renew	500,000		500,000
Renew damaged pit covers	Replace damaged and worn drainage pits covers, raise burried pits.	Renew	25,000		25,000
<b>Sub Total</b>			<b>525,000</b>		<b>525,000</b>
Rufus St	Increase culvert capacity.	Upgrade	60,000		60,000
Green Island/Range Court/Hiam St	Flood Mitigation	Upgrade	400,000		400,000

Chester Pass Rd	Improvements to rock pitched drain to reduce over topping	Upgrade	550,000		550,000
Lake Weelara Park weir and open drains.	Infill open drains	Upgrade	150,000		150,000
<b>Sub Total</b>			<b>1,160,000</b>		<b>1,160,000</b>
<b>Total</b>			<b>2,285,000</b>		<b>2,285,000</b>

5 Year Forward Capital Plan 15/16					
Drainage	Works	Category	Funding Source		Actual Budget
			Council	CLGF	Total
Sydeny St	Pipe lower section	New	200,000		200,000
<b>Sub Total</b>			<b>200,000</b>		<b>200,000</b>
Renew damaged pit covers	Replace damaged and worn drainage pits covers, raise burried pits.	Renew	25,000		25,000
<b>Sub Total</b>			<b>25,000</b>		<b>25,000</b>
Upper Beaufort Road - Yakamia Creek Reshaping	Realign creek, new alignment through land puchased	Upgrade	1,000,000		1,000,000
Cull Park Catchment	Stage 3 - Re route drainage from Nelson/ Bluff St down Knight St Road reserve,	Upgrade	500,000		500,000
Coogee St	Increase culvert capacity.	Upgrade	60,000		60,000
Wellington Street basins upgrade	Construct wetland basins, living stream.	Upgrade	140,000		140,000
<b>Whidby Street</b>	Increase capacity of attenuation basin, Purchase lot 109 Whidby St to accommodate future capacity from urban development.	Upgrade	400,000		400,000
<b>Sub Total</b>			<b>2,100,000</b>		<b>2,100,000</b>
<b>Total</b>			<b>2,325,000</b>		<b>2,325,000</b>

5 Year Forward Capital Plan 2016/17					
			Funding Source		Actual Budget

Drainage	Works	Category	Council	CLGF	Total
Le Grande Avenue Drainage Basin		New	500,000		500,000
Collingwood Rd Bervill St	Construct Basin	New	275,000		275,000
<b>Sub Total</b>			<b>775,000</b>		<b>775,000</b>
Wellington Street basins upgrade	Construct wetland basins, living stream.	Upgrade	750,000		750,000
Lake Seppings Flood Route		Upgrade	600,000		600,000
Henley Grove	Truncating drainage pipes	Upgrade	250,000		250,000
Vela Crt	Infill existing open drain	Upgrade	25,000		25,000
<b>Sub Total</b>			<b>1,625,000</b>		<b>1,625,000</b>
Renew damaged pit covers	Replace damaged and worn drainage pits covers, raise burried pits.	Renew	50,000		50,000
<b>Sub Total</b>			<b>50,000</b>		<b>50,000</b>
<b>Total</b>			<b>2,450,000</b>		<b>2,450,000</b>

**NB: recommend a drainage reserve fund be created**

<b>Whidby Street</b>	Purchase lot 109 Whidby St to accommodate future capacity from urban development				250,000
Upper Beaufort Road - Yakamia Creek Reshaping	Purchase land and subdivide				700,000



5 Year Capital Works Program 2012/13						
Buildings	Works		Funding Source			Actual Budget
		Category	Council	CLGF	Other	Total
Bettys Beach	Replace existing long drop toilet	Upgrade	75,000			75,000
Emu Point Marina Jetty Refurbishment	Repairs to jetty supports	Renew	129,000			129,000
<b>Totals</b>			<b>204,000</b>			<b>204,000</b>

5 Year Capital Works Program 2013/14						
Buildings			Funding Source			Actual Budget
		Category	Council	CLGF	Other	Total
Grassy Knowel / Alison Hartman Gardens	Construct a new toilet	New	250,000			250,000
Sub Total			<b>250,000</b>			<b>250,000</b>
Eyre Park	Refurbishment	Upgrade	15,000			15,000
Emu Point Marina Jetty Refurbishment	Repairs to jetty structure	Upgrade	140,400			140,400
Sub Total			<b>155,400</b>			<b>155,400</b>
<b>Totals</b>			<b>405,400</b>			<b>405,400</b>

5 Year Capital Works Program 2014/15						
Buildings			Funding Source			Actual Budget
		Category	Council	CLGF	Other	Total
Middleton Loop	Construct a new toilet	New	250,000			250,000
Sub Total			<b>250,000</b>			<b>250,000</b>
Mutton Bird Beach	Replace existing long drop toilet	Upgrade	75,000			75,000
Sub Total			<b>75,000</b>			<b>75,000</b>
Emu Point Marina Jetty Refurbishment	Repairs to jetty structure	Upgrade	140,400			140,400
Sub Total			<b>140,400</b>			<b>140,000</b>
<b>Totals</b>			<b>465,400</b>			<b>465,000</b>

5 Year Capital Works Program 2015/16						
Buildings			Funding Source			Actual Budget
		Category	Council	CLGF	Other	Total

Lower York St Area to be decided	Construct a new toilet	New	300,000			300,000
<b>Totals</b>			<b>300,000</b>			<b>300,000</b>

5 Year Capital Works Program 2016/17						
Buildings		Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Ellen Cove Jetty Repairs		Renew	25,000			25,000
<b>Totals</b>			<b>25,000</b>			<b>25,000</b>

5 Year Capital Works Program 2012/13						
Waste	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Hanrahan Landfill Site	Construct leachate drainage system for landfill site	New	1,000,000			1,000,000
Hanrahan Landfill Site	Design leachate drainage system for landfill site	New	150,000			150,000
Hanrahan Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	100,000			100,000
Bakers Junction Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	100,000			100,000
Bakers Junction Landfill Site	Security fence for western boundary	New	20,000			20,000
South Stirling Transfer Station	Capping and rehabilitation of site	New	47,700			47,700
South Stirling Transfer Station	Construct hardstand for hook lift bin, loading ramp and perimeter fence. Install attendants office.	New	75,000			75,000
<b>Totals</b>			<b>1,492,700</b>			<b>1,492,700</b>

5 Year Capital Works Program 2013/14						
Waste	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Hanrahan Landfill Site	Construct leachate drainage system for landfill site	New	624,000			624,000
Hanrahan Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	104,000			104,000
Bakers Junction Landfill Site	Provide bin for domestic waste and transfer to Hanrahan landfill site	New	78,000			78,000
Bakers Junction Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	104,000			104,000
<b>Sub Total</b>			<b>910,000</b>			<b>910,000</b>
Redmond Transfer Station	Subject to the expiry of Cleanaway contract and the handover of services	Upgrade	20,800			20,800
Wellstead Transfer Station	Subject to the expiry of Cleanaway contract and the handover of services	Upgrade	20,800			20,800
Many Peaks Transfer Station	Subject to the expiry of Cleanaway contract and the handover of services	Upgrade	20,800			20,800
Kronkup Transfer Station	Subject to the expiry of Cleanaway contract and the handover of services	Upgrade	20,800			20,800
<b>Sub Total</b>			<b>83,200</b>			<b>83,200</b>
<b>Totals</b>			<b>993,200</b>			<b>993,200</b>

5 Year Capital Works Program 2014/15						
Waste	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Hanrahan Landfill Site	Installation of additional groundwater testing bores and equipment	New	108,000			108,000

AGENDA ITEM 5.1 REFERS

Hanrahan Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	108,000			108,000
Bakers Junction Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	108,000			108,000
<b>Totals</b>			<b>324,000</b>			<b>324,000</b>

5 Year Capital Works Program 2015/16						
Waste	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Hanrahan Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	112,000			112,000
<b>Sub Total</b>			<b>112000</b>			<b>112000</b>
Hanrahan Landfill Site	Refitting of MRF infrastructure at the completion of the waste minimisation contract	Upgrade	560,000			560,000
Hanrahan Landfill Site	Refurbishment of facilities at the completion of the waste minimisation contract	Upgrade	140,000			140,000
Bakers Junction Landfill Site	Provide clay capping and soil cover at finished level of landfill	Upgrade	112,000			112,000
Kronkup Transfer Station	Enlarge site area, expand tip shop facilities & fence site	Upgrade	84,000			84,000
<b>Sub Totals</b>			<b>896,000</b>			<b>896,000</b>
<b>Totals</b>			<b>1,008,000</b>			<b>1,008,000</b>

5 Year Capital Works Program 2016/17						
Waste	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Hanrahan Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	116,000			116,000
Bakers Junction Landfill Site	Provide clay capping and soil cover at finished level of landfill	New	116,000			116,000
New Landfill Site	Initial excavation and site works to prepare for construction of landfill lining and leachate drainage system	New	464,000			464,000
<b>Totals</b>			<b>696,000</b>			<b>696,000</b>

5 Year Capital Works Program 2012/13						
Developed Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Nil						0
<b>Totals</b>						0

5 Year Capital Works Program 2013/14						
Developed Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Eyre Park	Installation of shade structures over BBQ area	New	10,000			10,000
Sub Total			<b>10,000</b>			<b>10,000</b>
Ellen Cove	Play Ground replacement, Construct Limestone brick Retention barrier for sand soft fall. Ideally new structure would be designed for coastal environment.	Upgrade	100,000			100,000
Oyster Harbour Beach/Emu Poin (Swim)	Play Ground replacement, Construct Limestone brick Retention barrier for sand soft fall. Ideally new structure would be designed for coastal environment.	Upgrade	65,000			65,000
Queens Garden	Planting	Upgrade	20,000			20,000
Eyre Park	BBQ Replacement	Upgrade	10,000			10,000
Sub Total			<b>195,000</b>			<b>195,000</b>
<b>Totals</b>			<b>205,000</b>			<b>205,000</b>

5 Year Capital Works Program 2014/15						
Developed Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Mills Park	Reticulation & hard landscaping	New	50,000			50,000
Centennial Park	Fertigation installation	New	15,000			15,000
Sub Total			<b>65,000</b>			<b>65,000</b>
Eyre Park	Play Ground replacement	Upgrade	100,000			100,000
Drummond Street Park	Planting, natural Play items, Gravel Pathways.	Upgrade	5,000			5,000
Middleton Beach	BBQ replacement	Upgrade	35,000			35,000
Sub Total			<b>140,000</b>			<b>140,000</b>
<b>Totals</b>			<b>205,000</b>			<b>205,000</b>

5 Year Capital Works Program 2015/16						
Developed Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Mills Park	Stage 2, BBQ and Shelter	New	60,000			60,000
Sub Total			<b>60,000</b>			<b>60,000</b>

AGENDA ITEM 5.1 REFERS

Lawley Park	Reconstruct Retaining wall	Upgrade	100,000			100,000
Cull Park	Play Ground replacement, replenish sofffall, relocate play items to ensure fall zone clearance.	Upgrade	38,500			38,500
<b>Sub Total</b>			<b>138,500</b>			<b>138,500</b>
<b>Totals</b>			<b>198,500</b>			<b>198,500</b>

5 Year Capital Works Program 2016/17						
Developed Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Lawley Park	Removal and replacement of identified trees, upgrade to hard Landscaping	Upgrade	50,000			50,000
Ellen Cove	Renewal of retaining walls and picnic tables	Upgrade	115,000			115,000
Emu Point	BBQ replacement	Upgrade	35,000			35,000
<b>Totals</b>			<b>200,000</b>			<b>200,000</b>

5 Year Capital Works Program 2012/13						
Natural Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Bettys Beach	New toilet, path and signs	New	75,000			75,000
Lake Vancouver	New walk trail, bird hide and signs	New	9,800		State NRM	9,800
<b>Sub Total</b>			<b>84,800</b>			<b>84,800</b>
Normans Beach	Upgrade walk trail, including new stairs and interpretive signs.	Upgrade	14,200		Lotterywest	14,200
Lake Seppings	Revegetation works	Upgrade	12,200		State NRM	12,200
<b>Totals</b>			<b>26,400</b>			<b>26,400</b>
			<b>111,200</b>			<b>111,200</b>

5 Year Capital Works Program 2013/14						
Natural Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Bettys Beach Reserve	Picnic Tables x 5	New	10,000			10,000
<b>Sub Total</b>			<b>10,000</b>			<b>10,000</b>
Frenchman Bay	BBQ Replacement	Renew	25,000			25,000
<b>Sub Total</b>			<b>25,000</b>			<b>25,000</b>
Bettys Beach Reserve	Upgrade tracks and new picnic tables	Upgrade	40,000		Coastwest/SCNRM	40,000
Mt Clarence	Upgrade trails & Signage	Upgrade	8,000			8,000
Mt Adelaide	Upgrade Trails & Signage	Upgrade	8,000			8,000
Mt Melville	Upgrade Trails & Signage	Upgrade	8,000			8,000
Lowlands	Upgrade tracks	Upgrade	50,000		Coastwest/State NRM	50,000
Cosy Cnr East	Upgrade camping grounds.	Upgrade	50,000			50,000
Lake Seppings	Trails Upgrade including raising the Boardwalk	Upgrade	30,000			30,000
Whaling Cove	Upgrade toilet and day use area	Upgrade	30,000			30,000
<b>Totals</b>			<b>224,000</b>			<b>224,000</b>
			<b>259,000</b>			<b>259,000</b>

5 Year Capital Works Program 2014/15						
Natural Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Mounts MP	Trail Head information shelters. Considerations to the Kinjarling report	New	50,000		City Mounts MP	50,000
<b>Sub Total</b>			<b>50,000</b>			<b>50,000</b>
Cosy Cnr	Construct Hammerhead turn around, realign road to eliminate roundabout formalize parking with the inclusion of a minimum 2 disable bays. Construct Boardwalk & lookout for disabled and elderly viewing	Upgrade	100,000		Cosy Corner Management Plan	100,000

AGENDA ITEM 5.1 REFERS

Bluff Rock	Upgrade Trails, Signage and picnic platforms.	Upgrade	8,000		City Mounts MP	8,000
Torbay West	Upgrade existing pit toilet, install contained tank toilet	Upgrade	30,000			30,000
Hooper Rd	Clean up and Re vegetate old gravel pit area	Upgrade	20,000			20,000
Muttonbird	Upgrade existing pit toilet, install contained tank toilet	Upgrade	42,000			42,000
<b>Totals</b>			<b>200,000</b>			<b>200,000</b>
			<b>250,000</b>			<b>250,000</b>

5 Year Capital Works Program 2015/16						
Natural Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Mutton Bird & Torbay West	Upgrade existing parking requirements, Dune preservation and new access to separate vehicles from swimmers at the eastern end of Mutton Bird Beach.	New	100,000			100,000
<b>Sub Total</b>			<b>100,000</b>			<b>100,000</b>
Black Swan Point	Renew interpretative signage. Considerations to the Kinjarling report.	Renew	15,000			15,000
Bayonet Head Lookout	Renew interpretative signage. Considerations to the Kinjarling report.	Renew	15,000			15,000
<b>Sub Total</b>			<b>30,000</b>			<b>30,000</b>
Wignall West	Clean up and Re vegetate old gravel pit area	Upgrade	20,000			20,000
Cape Riche	As Per report finalized in 2014/15	Upgrade	100,000			100,000
<b>Totals</b>			<b>120,000</b>			<b>120,000</b>
			<b>250,000</b>			<b>250,000</b>

5 Year Capital Works Program 2016/17						
Natural Reserves	Works	Category	Funding Source			Actual Budget
			Council	CLGF	Other	Total
Frenchman Bay	As Per Design undertaken in 2015/16	Upgrade	50,000			50,000
Paikalerup	Clean up and Re vegetate old gravel pit area	Upgrade	20,000			20,000
Warrenup water Course	Remove weeds and replant water course reserve	Upgrade	40,000			40,000
Cape Riche	As Per report finalized in 2014/15	Upgrade	100,000			100,000
Kooyong Drainage	Remove weeds and replant water course reserve	Upgrade	40,000			40,000
<b>Totals</b>			<b>250,000</b>			<b>250,000</b>