

Shoalhaven Contributions Plan Draft Amendment No.3

Adopted: Effective:

Reference: 47787E

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SHOALHAVEN CONTRIBUTIONS PLAN 2010 - DRAFT AMENDMENT 3

Shoalhaven Contributions Plan 2010 – draft Amendment 3 proposes the following changes:

New Projects

Insert contributions project pages, and supporting information pages for the following new projects:

- 01ROAD0145 Mundamia URA Access Roads
- 01ROAD0146 Mundamia URA Shared Cycle/Pathway George Evans Road
- 01ROAD0149 Mundamia URA George Evans and Yalwal Road Intersection Upgrade
- 01ROAD0150 Intersection Upgrades Yalwal/Filter Roads and Yalwal Road/Rannoch Drive
- 01ROAD0152 Traffic Signals and Associated Works at Intersection of Albatross/Yalwal Roads
- 01CFAC0014 Mundamia URA Community/Childcare Centre
- 01OREC0014 Mundamia URA Central Open Space

The contributions project pages and supporting information pages are shown in Appendix A.

Appendix A - New Projects

shoalhaven contributions plan 2010

01ROAD0145 Code:

Category/Planning Area: Local / Area 1

Location: Mundamia

Mundamia URA Access Roads Description:

To provide improved, efficient and safe public road networks for Strategy:

increasing traffic volumes associated with development demand.

Financial Contribution Contribution Rate Type Contribution Existing Future Rate ET/M2/SP ET/M2/SP ET/M2/SP Contribution Rate: 2013 01 \$ 4,452.52 Equivalent Tenement

Project Estimate: \$2,123,850.00 in Sep 2013

Indexed Estimate: \$2,123,852.04

Nexus:

Apportionment: The apportionment to future development is 100%.

The project is critical for ensuring that new development pays an

equitable apportionment of costs associated with providing a suitable

road network which directly services demand created by development.

Supporting Information: Supporting Information can be found here.

Proposed Works: Concept plan is not available.

Land Acquisition Estimate: \$15,310.00 in Sep 2013

Development Dependent - At first stage of land release Timing:

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code 01ROAD0145

Date of project delivery Project not completed

Project cost breakdown

Total C	osts
Projects	Total \$
Sub Project 1	922,656
Sub Project 2	829,164
Sub Project 3	280,000
Sub Project 4	15,310
Sub Project 5	76,720
Total	\$2,123,850

Sub Project 1 - Road realignment construction – George Evans Road

Elements	Length m	Х	Width m	Quantity	х	Rate \$	=	Total \$
Seal pavement *	320	Х	11	3,520	Х	87		306,240
Kerb & Gutter				0				
Cycle / pathway #	320		2	640		120		76,800
Pram ramps			2	2		1,000		2,000
Street lighting	320			3.2		\$15,000	per 100m	48,000
Landscaping of median	275		4m	1,100		100		110,000
Drainage & pollution control	320			3.2		\$30,000	per 100m	96,000
Basic signs / marking costs								20,000
						Sub total		\$659,040
Survey & design 5%						5%		32,952
Geotech 5%						5%		32,952
Project mgmt 5%						5%		32,952
Possible relocation of services								
Contingency 25%						25%		164,760
						Total		\$922,656
Land acquisition	nil							
					ES	STIMATED PRO	OJECT COST	\$922,656

Sub Project 2 - Road realignment construction – George Evans Road

Elements	Length m	Х	Width m	Quantity	х	Rate \$	=	Total \$
Seal pavement *	260		11	2,860	m2	87		248,820
Kerb & Gutter	520					350		182,000
Pathway #	260		1.2	312		120		37,440
Pram ramps				2		1,000		2,000
Street lighting	260			2.6		\$15,000	per 100m	39,000
Drainage & pollution control	260			2.6		\$30,000	per 100m	78,000
Basic signs / marking costs ^^								5,000
						Sub total		\$592,260
Survey & design 5%						5%		29,613
Geotech 5%						5%		29,613
Project mgmt 5%						5%		29,613
Possible relocation of services								
Contingency 25%						25%		148,065
						Total		\$829,164
Land acquisition								0
					ES	STIMATED PRO	DJECT COST	\$829,164

Sub Project 3 – Single Lane Roundabout

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Seal pavement (roundabout)*								200,000
						Sub Total		200,000
Survey & design 5%						5%		10,000
Geotech 5%						5%		10,000
Project mgmt 5%						5%		10,000
Possible relocation of services								
Contingency 25%						25%		50,000
								280,000
Land acquisition						_	_	0
					EST	IMATED PROJ	ECT COST	\$280,000

Sub Project 4 – Land Acquisition for Spine Road Widening

Elements	Length m	х	Width m	Quantity	Х	Rate \$ #	ш	Total \$
Land acquisition*	200		5	1,000 m2		15.31		15,310
					EST	IMATED PROJ	ECT COST	\$15,310

Sub Project 5 – Shared Cycle/ Pathway

Elements	Length m	Χ	Width m	Quantity	Х	Rate \$	=	Total \$
Cycle / pathway	220		2	440	m2	120		52,800
Pram ramps				2		1,000		2,000
						Sub Total		54,800
Survey & design 5%						5%		2,740
Geotech 5%						5%		2,740
Project mgmt 5%						5%		2,740
Possible relocation of services								
Contingency 25%						25%		13,700
						Total		\$76,720
Land acquisition								0
					EST	IMATED PROJ	ECT COST	\$76,720

Apportionment assumptions

This project is apportioned 100% to future development within the Mundamia URA. The existing road network is sufficient the demand for this project is generated wholly by the proposed development of the Mundamia URA.

Benefit area(s) assumptions

None applicable

Actual project cost

Project not completed

History of amendment to this project

None applicable

Other relevant information

shoalhaven contributions plan 2010

01ROAD0146 Code:

Category/Planning Area: Local / Area 1

Mundamia Location:

Description: Mundamia URA Shared Cycle/Pathway - George Evans Road

To provide improved, efficient and safe public road networks for Strategy:

increasing traffic volumes associated with development demand.

Financial Contribution Contribution Rate Type Rate ET/M2/SP ET/M2/SP ET/M2/SP Contribution Rate: \$ 366.29 2013 01 Equivalent Tenement

Project Estimate: \$174,720.00 in Sep 2013

\$174,720.33 **Indexed Estimate:**

The apportionment to future development is 100%. Apportionment:

The project is critical for ensuring that new development pays an

equitable apportionment of costs associated with providing a suitable

road network which directly services demand created by development.

Supporting Information can be found here. Supporting Information:

Proposed Works: Concept plan is not available.

Land Acquisition Estimate: \$0.00

Nexus:

Development Dependent (Approximately 2016-2021 Timing:

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code

01ROAD0146

Date of project delivery

Project not completed

Project cost breakdown

Elements	Length m	Х	Width m	Quantity	Х	Rate \$	Ш	Total \$
Cycle / pathway #	520		2	1,040	m2	120		124,800
Pram ramps				0				0
						Sub total		124,800
Survey & design 5%						5%		6,240
Geotech 5%						5%		6,240
Project mgmt 5%						5%		6,240
Possible relocation of services								
Contingency 25%						25%		31,200
						Total		\$174,720
Land acquisition								0
				ESTIM	ATED PRO	JECT COS	Т	\$174,720

Apportionment assumptions

This project is apportioned 100% to future development within the Mundamia URA. The existing road network is sufficient the demand for this project is generated wholly by the proposed development of the Mundamia URA.

Benefit area(s) assumptions

None applicable

Actual project cost

Project not completed

History of amendment to this project

None applicable

Other relevant information

contributions plan 2010

Code: 01ROAD0149

Category/Planning Area: Local / Area 1

Location: Mundamia

Description: Mundamia URA George Evans and Yalwal Road Intersection Upgrade

Strategy: To provide improved, efficient and safe public road networks for

increasing traffic volumes associated with development demand.

| Financial Contribution | Contribution | Contribution | Rate Type | Contribution | Existing | Future | Total | Rate | ET/M2/SP | ET

Project Estimate: \$623,951.00 in Sep 2013

Indexed Estimate: \$623,949.39

Apportionment: The apportionment to future development is 100%.

The project is critical for ensuring that new development pays an

equitable apportionment of costs associated with providing a suitable

road network which directly services demand created by development.

Supporting Information: Supporting Information can be found here.

Proposed Works: Concept plan is not available.

Land Acquisition Estimate: \$0.00

Nexus:

Timing: Development Dependent (Approximately 2016-2021)

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code 01ROAD0149

Date of project delivery

Project not completed

Project cost breakdown

Total Cost	ts
Projects	Total
Sub Project 1	159,880
Sub Project 2	203,000
Sub Project 3	261,071
Total	623,951

Sub Project 1 - Construct 2 approach lanes along George Evans Road

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Seal pavement								65,000
Kerb & Gutter								0
Cycle / pathway	45m		2	90	m2	120		10,800
Drainage & pollution control	120m			1.2		\$30,000	per 100m	36,000
Basic signs / marking costs	120m			1.2		\$2,000	per 100m	2,400
						Sub total		\$114,200
Survey & design 5%						5%		5,710
Geotech 5%						5%		5,710
Project mgmt 5%						5%		5,710
Possible relocation of services								0
Contingency 25%						25%		28,550
						Total		\$159,880
Land acquisition								0
				ESTII	MATED PF	OJECT CO	ST	\$159,880

Sub Project 2 - Full channelised right turn bay from Yalwal Road into George Evans

Road.

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Seal pavement								60,000
Kerb & Gutter								0
Cycle / pathway								0
Street lighting *				1		\$30k		30,000
Drainage & pollution control	150m			1.5		\$30,000	per 100m	45,000
Basic signs / marking costs				1		\$10,000		10,000
						Sub total		\$145,000
Survey & design 5%						5%		7,250
Geotech 5%						5%		7,250
Project mgmt 5%						5%		7,250
Possible relocation of services								0
Contingency 25%						25%		36,250
						Total		\$203,000
Land acquisition								0
				ESTI	MATED PF	OJECT CO	ST	\$203,000

Sub Project 3 – Channelised left turn from Yalwal Road into George Evans Road.

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Seal pavement – Yalwal Rd				688	m2	87		59,856
Seal pavement – George Evans Rd				707	m2	87		61,509
Kerb & Gutter								0
Cycle / pathway								0
Street lighting								0
Drainage & pollution control	170 m			1.7		30000	per 100 m	51,000
Basic signs / marking costs	170 m			1.7		2000	per 100 m	3,400
						Sub total		\$175,765
Survey & design 5%						5%		8,788
Geotech 5%						5%		8,788
Project mgmt 5%						5%		8,788
Possible relocation of services								15,000
Contingency 25%						25%		43,941

Elements continued	Length	Х	Width	Quantity	Х	Rate \$	Ш	Total \$
						Total		\$261,071
Land acquisition								0
				ESTI	MATED PR	OJECT CO	ST	\$261,071

Apportionment assumptions

This project is apportioned 100% to future development within the Mundamia URA. The existing road network is sufficient the demand for this project is generated wholly by the proposed development of the Mundamia URA.

Benefit area(s) assumptions

None applicable

Actual project cost

Project not completed

History of amendment to this project

None applicable

Other relevant information

shoalhaven contributions plan 2010

Code: 01ROAD0150

Category/Planning Area: Local / Area 1

Location: Mundamia

Intersection Upgrades - Yalwal/Filter Roads and Yalwal Road/Rannoch Description:

Drive

To provide improved, efficient and safe public road networks for Strategy:

increasing traffic volumes associated with development demand.

Financial Contribution Contribution Rate Type Contribution Existing Year Area Rate ET/M2/SP ET/M2/SP ET/M2/SP Contribution Rate: 2013 01 Equivalent Tenement 791

Project Estimate: \$1,103,760.00 in Sep 2013

Indexed Estimate: \$1,103,828.15

Apportionment: The apportionment to future development is 62.45%.

The project is critical for ensuring that new development pays an

equitable apportionment of costs associated with providing a suitable

road network which directly services demand created by development.

Supporting Information: Supporting Information can be found here.

Proposed Works: Concept plan is not available.

Land Acquisition Estimate: \$0.00

Nexus:

Development Dependent (Approximately 2027-2032) Timing:

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code 01ROAD0150

Date of project delivery

Project not completed

Project cost breakdown

Total Costs						
Projects	Total					
Sub Project 1	551,880					
Sub Project 2	551,880					
Total	1,103,760					

Sub Project 1 - Roundabout - Yalwal Road and Rannoch Drive

Elements	Length	Х	Width	Quantity	х	Rate \$	=	Total \$
Seal pavement *								320,000
Kerb & Gutter *								Incl above
Cycle / pathway #	30m		2	60	m2	120		7,200
Pram ramps				2		1000		2,000
Street lighting				1		\$30,000		30,000
Drainage & pollution control								Incl above
Basic signs / marking costs				1		\$10,000		10,000
						Sub total		\$369,200
Survey & design 5%						5%		18,460
Geotech 5%						5%		18,460
Project mgmt 5%						5%		18,460
Possible relocation of services								35,000
Contingency 25%						25%		92,300
						Total		\$551,880
Land acquisition								0
				ESTIMATED PROJECT COST				\$551,880

Sub Project 2 - Roundabout Yalwal Road and Lightwood Drive.

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Seal pavement								320,000
Kerb & Gutter								Incl above
Cycle / pathway #	30m		2	60	m2	120		7,200
Pram ramps				2		1000		2,000
Street lighting				1		\$30,000		30,000
Drainage & pollution control								Incl above
Basic signs / marking costs				1		\$10,000		10,000
						Sub total		\$369,200
Survey & design 5%						5%		18,460
Geotech 5%						5%		18,460
Project mgmt 5%						5%		18,460
Possible relocation of services								35,000
Contingency 25%						25%		92,300
						Total		551,880
Land acquisition								0
				ESTIMATED PROJECT COST				\$551,880

Apportionment assumptions

Source*	TRAFFIC VOLUME AM Peak Hour (yr 2021)		Cost of works	New development share	Council share
	Nos	%	\$	\$	\$
Existing Background traffic	306	37.55%			414,418
Mundamia URA - Residential	296	36.32%		400,875	-
West Nowra infill - dwellings	213	26.13%		288,467	
TOTALS	815	100.00%	\$1,103,760	\$689,342	\$414,418

Benefit area(s) assumptions

None applicable

Actual project cost Project not completed

History of amendment to this project

None applicable

Other relevant information

shoalhaven contributions plan 2010

Code: 01ROAD0152

Category/Planning Area: Local / Area 1

Location: Mundamia

Traffic signals and associated works at intersection of Albatross / Yalwal Description:

Roads.

To provide improved, efficient and safe public road networks for Strategy:

increasing traffic volumes associated with development demand.

Financial Contribution Contribution Rate Type Future Rate ET/M2/SP ET/M2/SP ET/M2/SP Year Area Contribution Rate:

2013 01 Equivalent Tenement \$ 334.47 791

Project Estimate: \$1,119,860.00 in Sep 2013

Indexed Estimate: \$1,120,092.17

Apportionment: The apportionment to future development is 23.62%.

The project is critical for ensuring that new development pays an

equitable apportionment of costs associated with providing a suitable

road network which directly services demand created by development.

Supporting Information: Supporting Information can be found here.

Proposed Works: Concept plan is not available.

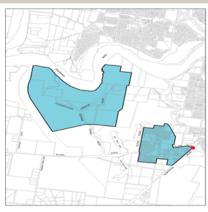
Land Acquisition Estimate: \$0.00

Nexus:

Development Dependent (Approximately 2016-2021) Timing:

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code 01ROAD0152

Date of project delivery

Project not completed

Project cost breakdown

Elements	Length	Х	Width	Quantity	Х	Rate \$	=	Total \$
Traffic lights				1		320,000		320,000
Associated road works								150,000
Kerb & Gutter								Incl above
Cycle / pathway#	210m		2m	420	m2	120		50,400
Street lighting	510m			5.1		\$15,000	per 100m	76,500
Drainage & pollution control	510m			5.1		\$30,000	per 100m	153,000
Basic signs / marking costs				2		\$10,000		20,000
						Sub total		\$769,900
Survey & design 5%						5%		38,495
Geotech 5%						5%		38,495
Project mgmt 5%						5%		38,495
Possible relocation of services^								42,000
Contingency 25%						25%		192,475
						Total		\$1,119,860
Land acquisition								0
		_		ESTI	\$1,119,860			

Apportionment assumptions

Source	TRAFFIC VOLUME PM Peak Hour (yr 2021)		Cost of works	New development share	Council share
	Nos	%	\$	\$	\$
Existing Background traffic	1,652	76.38%			855,298
Mundamia URA - Residential	297	13.73%		153,767	
West Nowra infill - dwellings	214	9.89%		110,795	
TOTALS	2,163	100.00%	\$1,119,860	\$264,562	\$855,298

Benefit area(s) assumptions

None applicable

Actual project cost

Project not completed

History of amendment to this project None applicable

Other relevant information

contributions plan 2010

Code: 01CFAC0014

Category/Planning Area: Local / Area 1

Location: Mundamia

Description: Mundamia URA Community/Childcare Centre

Strategy: To provide a facility for the community of Mundamia.

Contribution Rate:

Financial Contribution Plant Type Contribution Rate Type Contribution Rate Type ET/M2/SP ET

Project Estimate: \$1,195,375.00 in Sep 2013

Indexed Estimate: \$1,195,376.31

Nexus:

Apportionment: The apportionment to future development is 100%.

The project ensures that new development pays an equitable

apportionment of costs associated with providing suitable community

facilities which directly services demand created by development.

Supporting Information: Supporting Information can be found here.

Proposed Works: A concept plan is not available.

Land Acquisition Estimate: \$38,275.00 in Sep 2013

Timing: Development Dependent (Approximately 2024-2029)

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code

01CFAC0014

Date of project delivery

Project not completed

Project cost breakdown

	Rate	Amount \$
Site preparation	included	-
Building works * 400 m2	\$1,900 pm2	760,000
Balconies, verandahs etc	included	-
Car parking – 19 spaces	\$3,500 per space	66,500
Landscaping, paving, signs etc	included	-
Soil & water management	included	-
Sewer & water charges	included	1
Sub total		\$826,500
Survey & design 5%	5%	41,325
Geotech 5%	5%	41,325
Project mgmt 5%	5%	41,325
Possible relocation of services		0
Contingency 25%	25%	206,625
Total		\$1,157,100
Land acquisition & transaction costs	2,500 m2 x \$15.31	\$38,275
Total Cost		\$1,195,375

Apportionment assumptions

This project is apportioned 100% to future development within the Mundamia URA as demand for this project is generated wholly by the proposed development of the Mundamia URA.

Benefit area(s) assumptions

Actual project cost Project not completed

History of amendment to this project None applicable

Other relevant information

contributions plan 2010

Code: 010REC0014

Category/Planning Area: Local / Area 1

Location: Mundamia

Description: Mundamia URA - Central Open Space

Strategy: To provide new and embellished passive open space to meet user

needs associated with future development demand.

Financial Contribution Rate:

| Financial Year | Contribution Rate Type | Contribution Rate Type | Contribution Rate Type | Contribution Rate Type | ET/M2/SP | ET/M2

Year Area Commodition Figure Rate ET/M2/SP ET/M2

Project Estimate: \$912,570.00 in Sep 2013

Indexed Estimate: \$912,567.78

Apportionment: The apportionment to future development is 100%.

Nexus: The project is critical to provide public open space that meets current

and future user requirements for outdoor recreational and social activity.

Supporting Information: Supporting Information can be found here.

Proposed Works: A concept plan is not available.

Land Acquisition Estimate: \$87,270.00 in Sep 2013

Timing: Development Dependent (Approximately 2018-23)

Plan Effective: 23 Mar 2011 - Amendment 2 (February 2014)

Contribution map shaded areas indicate the Contribution Area(s). Red indicates Contribution Infrastructure.



View Larger Map (PDF)

Project code

010REC0014

Date of project delivery

Project not completed

Project cost breakdown

	Dimensions / Quantity	Rate	Amount \$
Site preparation	Included in figures below		
Embellishment:			
Pathways	200 m x 1.5 m	\$120 pm2	36,000
Playground & equipment	1	\$150,000	150,000
Half Court Basketball Court	1	\$45,000	45,000
Seats	3	\$15,000	45,000
BBQ	1	\$5,000	5,000
Trees			15,000
Turfing	5,400 m2	\$15 pm2	81,000
Landscaping			30,000
Lighting	3 poles; Fluorescer assumes lights linl on adjoining (30,000	
Toilet block	1 male + 1 female disabled		100,000
Connection to services	Included in figures above		
Car parking	15	\$3,500 per space	52,500
Sub total			\$589,500
Survey & design 5%		5%	29,475
Geotech 5%		5%	29,475
Project mgmt 5%		5%	29,475
Possible relocation of services			0
Contingency 25%		25%	147,375
Total			\$825,300

continued	Dimensions / Quantity	Rate	Amount \$
Land acquisition & Transaction costs *	5,700 m2	\$15.31 pm2	87,270
Total Cost			\$912,570

Apportionment assumptions

This project is apportioned 100% to future development within the Mundamia URA as demand for this project is generated wholly by the proposed development of the Mundamia URA.

Benefit area(s) assumptions

None applicable

Actual project cost

Project not completed

History of amendment to this project

None applicable

Other relevant information