

SHOALHAVEN CONTRIBUTIONS PLAN 1993

Amendment No. 77.3

Planning Area 3 Roads

Adopted: 8th December 2009 Effective: 23rd December 2009 Reference: 28709E

Shoalhaven City Council PO Box 42 NOWRA NSW 2541 Telephone (02) 4429 3111 Facsimile (02) 4422 1816 e-mail planning@shoalhaven.nsw.gov.au internet www.shoalhaven.nsw.gov.au

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1. Introduction

Shoalhaven City Council's 1993 Contributions Plan (CP) is a comprehensive document covering some 340 projects and has now been in force for some 16 years. Since 1993 the CP has had numerous amendments to reflect the changing nature of development.

There are several factors that have led to a need to amend the CP. Some of these factors include:

- Changes that have occurred in strategies or policies;
- A need for increased flexibility to make implementation of the CP easier;
- A need to spend accumulated contributions funds;
- Changes in project details
- Add new projects where it is appropriate;
- Effect a closer integration between the CP and the long and short term works and financial programs of Council; and,
- A need to improve the format of the CP.

2. Legal

This Contributions Plan Amendment No. 77.3 has been prepared by Shoalhaven City Council pursuant to the Environmental Planning and Assessment Act and in accordance with the Environmental Planning and Assessment Regulation.

3. Purpose of the Plan

The purpose (aim) of the Contributions Plan Amendment (the Plan) is to fund a proportion of the costs of providing roads and other traffic facilities within Planning Area 3 by way of a levy on new (future) development of land within the relevant project contribution areas.

Further aims of this Plan are to:

- Delete twenty (20) Area 3 road projects from the CP;
- Retain and update eight (8) road project from the CP;
- Create two (2) new Area 3 road project;
- Retain five (5) recoupment road projects for the cost of roads that Council has constructed in anticipation of new development.

4. Deleted Projects

This Plan deletes twenty Area 3 road projects from the CP.

The main reasons for deleting projects are:

• Project completed; and/or

• Project unlikely to be developed.

Any contributions funds available in deleted project accounts will be spent on roads within Planning Area 3.

Details of Area 3 deleted road projects are shown in *Appendix A: Deleted Projects.*

5. Updated and Retained Project

This Plan updates and retains eight road project currently contained in Shoalhaven Contributions Plan 1993.

Details on Area 3 updated and retained projects are shown in *Appendix B: Area 3 Road Projects.*

6. Recoupment Projects

This Plan retains five road projects for which recoupment of costs is sought for roads that Council has constructed in anticipation of new development.

Assuming the relevant benefit areas are fully developed, the Plan seeks to recoup \$1,187,423 as shown in *Appendix B: Area 3 Road Projects.*

7. New Projects

This Plan contains two (2) new road projects:

03ROAD0114	Windley Road, Wandandian
03ROAD0115	Sydney/ Bowen Streets, Huskisson

Details on Area 3 new projects are shown in *Appendix B: Area 3 Road Projects.*

8. Land to which the Plan Applies

The Plan applies to the lands situated within the Contribution Areas associated with the individual road projects contained within this document. The subject areas are shown hatched and bordered by a thick black line on the Contribution Area maps for each road project in this Plan (Appendix D).

The properties which generate demand for a particular road project are generally located adjoining and adjacent to, and gain vehicular access from that road project.

9. Nexus

Where new development requires the construction of roads or the upgrading of existing roads, each additional dwelling (or equivalent tenement - E.T.) will be levied its proportion of the cost.

The proportion of the cost levied on new development will be equivalent to its proportion of traffic usage of the new or upgraded road. This ensures that new development pays an equitable share of the costs associated with providing a suitable road network.

It is assumed that the most direct routes will be used and areas closest to a specific road project create a greater demand.

Council is responsible for the costs apportioned to existing development (including "through" traffic).

Projects have been selected using the following criteria as a guide:

- anticipated traffic volumes;
- use of the road as a bus route;
- grade of the road where it affects the integrity of the pavement;
- proximity and number of dwellings to the road where dust problems may develop; and,
- distribution and density of development along the road.

A number of roads will require upgrading from gravel to a sealed standard due to increasing traffic volumes. The upgrading works involves a seal treatment to the pavement and may include additional drainage and an improved road alignment.

10. Demand Generated by Different Types of Development

The proportion of the cost levied on new development will be equivalent to its proportion of traffic usage of the new or upgraded road. Contributions will be charged per additional equivalent tenement (ET). Table 1 below summarises the formula used to calculate ET's.

Development Type	Base	ET's per dwelling/ m ²
Single Dwelling	1.0	Per Dwelling
Multi Unit:		
1 Bedroom 2 Bedroom 3 Bedroom 4 Bedroom	0.4 0.6 0.8 1.0	Per Dwelling Per Dwelling Per Dwelling Per Dwelling
Retail 1.0 Per 1		Per 10m ²
Office	1.0	Per 100m ²
Industrial	1.0	Per 1,000m ²

Table 1 – Calculation of ET's

11. Contributions Formula

11.1 Standard Development

For standard developments, the contribution is based on the following formula:

divided by

Estimated Project Cost

Contribution=

Estimated number of All Benefiting Lots/Dwellings (E.T.'s)

11.2 Rural Residential Development

For rural residential developments, the contribution is based on the following formula:

	Estimated Project Cost
Contribution =	divided by
	Estimated Number of Potential (New) Lots/Dwellings (E.T.'s)

12. Contribution Rates

Contribution rates relating to individual road projects contained in this Plan are summarised in Table 2:

Project	Demand Area	Contribution Rate				
03 ROAD 2001 Dowling Street, Falls Creek	1	\$ 6,190.73 / E.T.				
03 ROAD 2011 Hart Road, Falls Creek	1	\$12,947.36 / E.T.				
03 ROAD 2013 Sinclair Road (part 3), Falls Creek	1	\$ 13,608.00 / E.T.				
03 ROAD 2014 Sinclair Road (part 1 and 2), Falls Creek (Recoupment Project)	1	\$ 8,107.57 / E.T.				
03 ROAD 2016	1	\$ 14,908.33 / E.T.				
Port Jervis Estate Roads, Tomerong	1 $$ 6, 11$ 1 $$ 12, 9$ 1 $$ 12, 9$ 1 $$ 13, 6$ Falls 1 $$ 13, 6$ Falls 1 $$ 13, 6$ Falls 1 $$ 14, 9$ erong 1 $$ 14, 9$ 2 $$ 3, 10$ 5 1 $$ 6, 73$ 1 $$ 14, 9$ $$ 3, 10$ 5 1 $$ 6, 73$ 1 $$ 14, 9$ $$ 5, 73$ 1 $$ 14, 9$ $$ 6, 73$ 1 $$ 14, 9$ $$ 6, 73$ 5 1 $$ 6, 73$ 1 $$ 10$ $$ 10$ $$ 10$ $$ 2$ 3 1 $$ 10$ $$ 10$ $$ 2$ $$ 65$ $$ 3$ $$ 10$ <td>\$ 3,163.18 / E.T.</td>	\$ 3,163.18 / E.T.				
03 ROAD 2019 Tasman Park Estate Roads, St Georges Basin (Recoupment Project)	1	\$ 6,737.37 / E.T.				
03 ROAD 2021	1	\$ 109.17 / E.T.				
St Georges Basin Bypass (Recoupment Project)	2	\$ 654.99/ E.T.				
	3	\$ 109.17 / E.T.				
	4	\$ 185,895.00 Lump Sum				
03 ROAD 2022 Grange Road, St Georges Basin (Recoupment Project)	1	\$ 604.36 / E.T.				
03 ROAD 2024 Atherton Street / The Wool Road, Basin View	1	\$ 5,773.16 / E.T.				
03 ROAD 2025 Basin View Estate Roads, Basin View (Recoupment Project)	1	\$ 8,653.57 / E.T.				
03 ROAD 2028 Wandoon Bood, Wandondian	1	\$ 7,334.18 / E.T.				
Wandean Road, Wandandian	2	\$ 5,457.99 / E.T.				

Table 2 – Contribution Rates

	3	\$ 0.09 / Tonne
03 ROAD 2033 Naval College Road, Tomerong/ Vincentia	1	\$ 1,650.91 / E.T.
03 ROAD 2053	1	\$ 243.95 / E.T.
The Wool Lane, Sanctuary Point (Recoupment Project)	2	\$ 111,842.50 Lump Sum
03 ROAD 0114 Windley Road, Wandandian	1	\$ 6,415.20 / E.T.
03 ROAD 0115 Sydney/ Bowen Streets, Huskisson	1	\$ 332.48 / E.T.

These rates are adjusted annually in line with the Implicit Price Deflator.

For additional information relating to contribution rates, refer to the *Apportionment and Estimated Cost Tables* in the appendices to this Plan.

13. Review of Contribution Rates

Contribution rates will be adjusted annually on 1st July in line with movements in the Implicit Price Deflator (New Engineering & Construction) published by the Australian Bureau of Statistics.

The cost of works proposed by the Plan (including land values) may also need review over time if there is a concern that the indexation of costs may not be adequately reflecting actual current costs.

It is anticipated that all projections, costs and assumptions are reviewed at five yearly intervals, generally in line with Census dates. Where significant departures from this Plan occur, Council will consider amending this Plan.

14. Estimated Costs

Estimated costs associated with individual road projects are shown in *Appendix C* of this Plan.

Estimated costs are adjusted annually in line with the Implicit Price Deflator.

For additional information relating to the estimated cost of projects, refer to the *Apportionment and Estimated Cost Tables in the appendices to this Plan.*

15. Schedule of Facilities

Road projects selected for inclusion in this Contributions Plan fall into 3 (3) main categories:

- Strengthen an existing sealed pavement
- Upgrade an existing gravel pavement to a sealed road standard
- Other traffic devices, facilities and road works, such as:

a new road widening an existing road a new bridge a new traffic facility an upgraded intersection.

16. Timing

In some cases it may not be cost-effective to construct a project until the contribution area generates at least 80% of the demand.

Subject to sufficient development the implementation of projects are anticipated as outlined in Table 3:

Project	Anticipated Year
03 ROAD 2001 Dowling Street, Falls Creek	2010/15
03 ROAD 2011 Hart Road, Falls Creek	2010/15
03 ROAD 2013 Sinclair Road (part 3), Falls Creek	2010/15
03 ROAD 2014 Sinclair Road (part 1 and 2), Falls Creek	Existing
03 ROAD 2016 Port Jervis Estate Roads, Tomerong	Progressive
03 ROAD 2019 Tasman Park Estate Roads, St Georges Basin	Existing
03 ROAD 2021 St Georges Basin Bypass, St Georges Basin	Existing
03 ROAD 2022 Grange Road, St Georges Basin	Existing
03 ROAD 2024 Atherton Street / The Wool Road, Basin View	2015/20
03 ROAD 2025	Existing

Table 3 – Timing

Basin View Estate Roads, Basin View	
03 ROAD 2028 Wandean Road, Wandandian	2009/2010
03 ROAD 2033 Naval College Road, Tomerong/ Vincentia	2015/20
03 ROAD 2053 The Wool Lane, Sanctuary Point	Existing
03 ROAD 0114 Windley Road, Wandandian	2010/15
03 ROAD 0115 Sydney/ Bowen Streets, Huskisson	2010/15

17. Payment of Contributions

17.1 Method and Timing of Contributions

Payment of contributions can be made by cash, money order or bank cheque.

A contribution must be paid to the Council at the time specified in the condition of development consent that imposes the contribution. If no such time is specified, the contribution must be paid prior to the issue of a subdivision certificate in the case of subdivisions, or prior to the issue of a construction certificate or complying development certificate in the case of other development.

17.2 Allowance for Existing Land Use

Contributions will be levied on all development according to the estimated increase in demand. An amount equivalent to the contribution attributable to any existing development on the site of a proposed new development will be allowed for in the calculation of contributions.

17.3 Construction Certificates and the Obligations of Accredited Certifiers

A certifying authority must not issue a construction certificate for building work or subdivision work under a development consent unless it has verified that each condition requiring the payment of monetary contributions has been satisfied.

In particular, the certifier must ensure that the applicant provides a receipt(s) confirming that contributions have been fully paid and copies of such receipts must be included with copies of the certified plans provided to the Council. Failure to follow this procedure may render such a certificate invalid.

Where Council has agreed to an alternative payment method (provision of works in kind or other material public benefit, dedication of land,

deferred payment or payment by instalments), Council will issue a letter confirming that an alternative payment method has been agreed with the applicant.

17.4 Complying Development and the Obligations of Accredited Certifiers

Accredited certifiers must impose a condition on a Complying Development Certificate requiring monetary contributions in accordance with this CP, for all types of development.

The conditions imposed must be consistent with Council's standard conditions of consent and be strictly in accordance with this CP. It is the responsibility of accredited certifiers to accurately calculate the contribution and to apply the condition correctly.

17.5 Adjustment of Contributions at the Time of Payment

The contributions stated in the conditions of consent for a development are calculated on the basis of the contribution rates determined in accordance with this CP. If the contributions are not paid within the financial year in which consent is granted, the contributions payable will be adjusted and the amount payable will be calculated on the basis of the contribution rates that are applicable at the time of payment in the following manner:

$CRC = CRP \times IPDC \div IPDP$

Where:

- \$ CRC is the amount of the contribution for the current financial year
- \$ CRP is the amount of the original contribution as set out in the development consent
- IPDC is the implicit price deflator for the current financial year
- IPDP is the implicit price deflator applicable at the time of the original consent
- Current contribution rates are available from Council offices.

17.6 Deferral of Payment and Payment by Instalments

Deferred payment of development contributions may be permitted in exceptional circumstances. For tenants or businesses operating in the Shoalhaven Local Government Area, payment by instalments may also be permitted.

Council will review each situation on its merit and according to the following criteria:

 an application for deferred payment or payment by instalments is to be made in writing to Council explaining the circumstances of the request;

- the decision to allow deferred payment will be at the sole discretion of Council; the timing or the manner of the provision of public facilities included in the works program will not be prejudiced;
- the works project to which the request applies does not relate to public safety or health;
- the amount of the contribution or outstanding balance is not less than \$5,000; the applicant intends to make a contribution by way of a planning agreement, material public benefit, works-in-kind or land dedication in lieu of a monetary contribution and Council and the applicant have a legally binding agreement for the provision of the works or land dedication;
- there are circumstances justifying deferred payment or payment of the contribution by instalments;
- the maximum period of deferred payment of the contribution is two years from the standard payment date;
- the maximum period for payment by instalments is five years from the standard payment date;
- deferred payments and payments by instalments are subject to interest charges equivalent to that applied to overdue rates and an administration charge equivalent to the bank guarantee lodgement fee for subdivision related matters as stated in Council's Fees & Charges.

If Council agrees to accept deferred payment or payment by instalments, Council will require the applicant to provide a bank guarantee with the following conditions:

- the bank guarantee be by a bank equal to the value of the contribution payable or the amount of the outstanding contribution, plus interest and the administration charge;
- the bank unconditionally pays the guaranteed sum to the Council if the Council so demands in writing;
- the bank must pay the guaranteed sum without reference to the applicant or landowner or other person who provided the guarantee, and without regard to any dispute, controversy, issue or other matter relating to the development consent or the carrying out of the development;
- the bank's obligations are discharged when payment to the Council is made in accordance with the guarantee or when Council notifies the bank in writing that the guarantee is no longer required;
- where a bank guarantee has been deposited with Council, the guarantee shall not be cancelled until such time as the original contribution, accrued interest and other charges are paid.

17.7 Exemption and Discounts

Council will not provide exemption to development contributions made under Council's Contributions Plans other than exemptions afforded under direction of the Minister for Planning. Council does not apply discounts to the payment of development contributions.

17.8 Works in Kind and other Material Public Benefits

The Council may accept an offer by the applicant to provide an "in-kind" contribution (i.e. the applicant completes part or all of the work/s identified in the CP) or through provision of another material public benefit in lieu of making a monetary contribution as otherwise required under this CP.

Council will consider such alternatives in the following circumstances:

- the value of the works to be undertaken is at least equal to the value of the contribution that would otherwise be required under this CP;
- the value of the works to be substituted must be provided by the applicant at the time of the request and must be independently certified by a Quantity Surveyor who is registered with the Australian Institute of Quantity Surveyors or a person who can demonstrate equivalent qualifications;
- the standard of the works is to Council's full satisfaction;
- Council will require the applicant to enter into a written agreement for the provision of the works;
- the provision of the material public benefit will not prejudice the timing or the manner of the provision of public facilities included in the works program in this Plan; and
- It must not result in piecemeal delivery of any works (e.g. streetscape and public domain works) or likely result in the need to reconstruct the works due to likely future adjacent developments (i.e. normally the works will need to relate to a whole street block or a discreetly defined precinct).

Work in-kind relates to the undertaking of a specific or equivalent work specified in the contributions plan, and is therefore more readily capable, in comparison to other material public benefits, of meeting the above criteria. In accepting other material public benefits, Council must be satisfied that the offer provides a substantial public benefit not envisaged by the CP and that this benefit warrants Council accepting responsibility in fulfilling the intent of the CP notwithstanding a reduction in expected monetary contributions.

If the construction of a work in-kind exceeds the estimated cost in the CP or is proposed by the applicant prior to the timing proposed by the CP, or insufficient funds have been accumulated by the CP to offset the additional cost to the applicant, Council may consider the following:

- provision of the work at the applicant's expense with Council recouping contributions from future development and reimbursing the applicant for costs exceeding the applicant's share, up to the total estimated cost in the CP; or
- provision of the work at the applicant's expense with Council reimbursing the applicant for the costs when such funds become allocated in Council's budget.

Acceptance of any such alternative is at the sole discretion of the Council and will be the subject of a formal agreement between parties. Council may review the value of works and may seek the services of an independent person to verify their value. In these cases, all costs and expenses borne by the Council in determining the value of the works must be paid for by the applicant.

17.9 Goods and Services Tax

Monetary development contributions are exempt from the Federal Government Goods and Services Tax (GST).

17.10 Voluntary Planning Agreements

An applicant may voluntarily offer to enter into a planning agreement with Council in connection with a development application. Under a voluntary planning agreement, the applicant may offer to pay money, dedicate land, carry out works, or provide other material public benefits for public purposes. The applicant's provision under a voluntary planning agreement may be additional to or instead of making monetary contributions under this Plan. Refer to Council's policy on Voluntary Planning Agreements for more information.

17.11 Land Dedication

Council may require dedication of land for projects identified in this Plan. Such land will be assessed at the development or subdivision stage when Council will commission a valuation of the subject land. The value of the land may be offset against the monetary contribution.

Where land has not been identified for acquisition in this Plan, a monetary contribution will be required.

17.12 Transitional Arrangements

A development application which has been submitted prior to the adoption of this CP but not determined shall be determined in accordance with the provisions of this CP, if this CP is effective at the date of determination of that application, and with the provisions of any other development contributions plans which apply at the date of determination.

18. References

Section 94 Environmental Planning & Assessment Act, 1979;

Clauses 26-38 (inclusive) Environmental Protection and Authority Regulations 2000;

Shoalhaven City Council Contributions Plan 1993; and,

Shoalhaven City Council Contributions Plan Manual.

Development Contributions Plan 2009 Area 3 Roads and Traffic Control, being this written Statement and accompanying maps, was

Adopted by Council: 8th December 2009

and

Became effective from: 23rd December 2009

R) ligg

Russ Pigg General Manager

Appendix A – Deleted Projects

Project Number	Description	Reasons
03 ROAD 0002	Falls Road Falls Creek	Benefit Area developed
03 ROAD 0003	Falls Road Woollamia	Project Completed
03 ROAD 0003	Edendale Street Woollamia	Project Completed
03 ROAD 0004	Willowford Road Woollamia	Project Completed
03 KOAD 0005		Project Completed
03 ROAD 0006	Naval College /The Wool Road Roundabout	Project Completed
03 ROAD 0007	Jervis Bay Road Vincentia	Incorporated into 03 ROAD 2033
03 ROAD 0008	The Wool Road Old Erowal Bay	Incorporated into 03 ROAD 2033
03 ROAD 0009	Watt Road [Pt 2] Falls Creek	Benefit Area developed
03 ROAD 0010	Willowgreen Road Falls Creek	Project Completed
03 ROAD 0012	Sinclair Road (Part 4) Falls Creek	Project Completed
03 ROAD 0015	Sinclair Road (Part 1) Falls Creek	Incorporated into 03 ROAD 2014
03 ROAD 0017	Suffolk Road Tomerong	Project Completed
03 ROAD 0018	Andrews Road Tomerong	Project no longer required
03 ROAD 0020	Gumden Lane (Previously Railway Rd) St. Georges Basin	All Contributions collected
03 ROAD 0020	The Wool Road Basin View	Project Completed
03 KOAD 0020	Bollerang Road	
03 ROAD 0027	Wandandian	Project Completed
03 ROAD 0029	Tolwong Road Tolwong	Project no longer required
03 ROAD 0030	Touga Road Touga	Project no longer required
03 ROAD 0031	Touga Road TR92 Touga	Project no longer required
03 ROAD 0032	Douglas Paddock Rd Endrick River	Project no longer required

Appendix B – Area 3 Projects

Updated and Retained Projects

Project Number	Project Name	Council Share	%	Development Share	%	Estimated Cost
03 ROAD 2001 RETAINED	Dowling Street Falls Creek	\$37,144.37	75.00%	\$12,381.46	25.00%	\$49,525.83
03 ROAD 2011 RETAINED	Hart Road Falls Creek	\$155,368.32	80.00%	\$38,842.08	20.00%	\$194,210.40
03 ROAD 2013 RETAINED	Sinclair Road [Part 3] Falls Creek	\$81,648.00	66.67%	\$40,824.00	33.33%	\$122,472.00
03 ROAD 2016 RETAINED	Port Jervis Estate Tomerong	\$10,595.03	1.11%	\$944,825.97	98.89%	\$955,421.00
03 ROAD 2024 RETAINED	Atherton Street/ The Wool Road Basin View	\$60,636.32	47.37%	\$67,373.68	52.63%	\$128,010.00
03 ROAD 2028 RETAINED	Wandean Road Wandandian	\$502,135.20	1.09%	\$496,677.21	98.91%	\$502,135.20
03 ROAD 2033 RETAINED	Naval College Road Tomerong/Vincentia	\$8,163,766.48	95.17%	\$414,379.25	4.83%	\$8,578,145.73
03 ROAD 2053 RETAINED	The Wool Lane Sanctuary Point	\$243,557.69	54.44%	\$203,812.31	45.56%	\$447,370.00

Recoupment Projects

Project Number	Project Name	Council Share	%	Council Spent	%	Amount to be Recouped
03 ROAD 2014 RECOUPMENT	Sinclair Road [Part 1 & 2] Falls Creek	\$18,228.00	24.31%	\$74,981.00	100.00%	\$56,753
03 ROAD 2019 RECOUPMENT	Tasman Park Estate St. Georges Basin	\$176,613	66.34%	\$266,204.00	100.00%	\$89,591
03 ROAD 2021 RECOUPMENT	St Georges Basin Bypass St. Georges Basin	\$4,267,289	83.28%	\$5,123,898.00	100.00%	\$856,609
03 ROAD 2022 RECOUPMENT	Grange Road St. Georges Basin	\$518,544	80.71%	\$642,439.00	100.00%	\$123,895
03 ROAD 2025 RECOUPMENT	Basin View Estate Roads	\$181,725	75.00%	\$242,300.00	100.00%	\$60,575
				Total to be	Recouped	\$1,187,423

New Projects

Project Number	Project Name	Council Share	%	Development Share	%	Estimated Project Cost
03 ROAD 0114 NEW	Windley Road Wandandian	\$0	0.0%	\$256,608	100.0%	\$256,608
03 ROAD 0115 NEW	Sydney/Bowen Streets Huskisson	\$418,409	44.6%	\$520,330	55.4%	\$938,739

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Appendix C – Apportionment and Estimated Cost Tables

1	Locality		Falls Creek							
2	Project De	scription	Dowling Stre	eet						
3	Project No		03 ROAD	2001						
4	Estimated	Cost	\$49,526							
5	Contributio	ons Apportic	nment Table							
	ESTIMAT	ED EQUIVA (lots / dv	ALENT TENE vellings)	MENTS	ESTIMAT	ED APPORTI	ONMENT		Council Share	Development Share
			U ,				Benefit	CONTRIBUTION		
03 ROAD 2001	Existing	Infill	Potential	Total	Vehicles per Day	% Traffic Generation	Area Cost	per E.T. (lot / dwelling)	75.00%	25.00%
1	6	1	1	8	<u> </u>	100.00%	\$49,526	(lot / dwelling)	\$37.144	\$12,381
Assumed Through	u	•	· · · · · · · · · · · · · · · · · · ·	0	00		÷.0,020		¥ • 1 , 1 1 1	<i><i><i></i></i></i>
Traffic				Nil	0	0.00%	\$0		\$0	\$0
					80	100.00%	\$49,526	\$6,190.73	\$37,144	\$12,381

03 ROAD 2001 Estimated Cost

	Length			Width	Quantity			Rate		Total
Upgrade and Seal Pavement	300	m	х	5.9	1.780	m2	x	\$22.90	=	\$40,762
Survey and Design				=	3.0%		Х	\$40,762	=	\$1,223
Supervision				=	3.0%		Х	\$40,762	=	\$1,223
Administration and On-costs				=	15.5%		Х	\$40,762	=	\$6,318
								Estimated Project Cost	=	\$49,526

1	Locality			Creek						
2	Project De	scription		Road [Par h of Sincla		e and Seal 700	m x 4.8m			
3	Project No	•	03 F	ROAD 20)11					
4	Estimated	Cost	\$194	1,210						
5	Contributio	ons Apporti	onment Table	Э						
	ESTIMAT		ALENT TENE wellings)	EMENTS	ESTIMAT	ED APPORTI	ONMENT	CONTRIBUTION	Council Share	Development Share
					Vehicles	% Traffic	Benefit	per E.T.		
03 ROAD 2011	Existing	Infill	Potential	Total	per Day	Generation	Area Cost	(lot / dwelling)	80.00%	20.00%
1	12	0	3	15	150	100.00%	\$194,210		\$155,368	\$38,842
Assumed Through										·······
Traffic		Nil				0.00%	\$0		\$0	\$0
					150	100.00%	\$194,210	\$12,947.36	\$155,368	\$38,842

03 ROAD 2011 Estimated Cost

	Length			Width	Quantity			Rate	·	Total
Strengthen and Stabilise	700	m	х	4.8	3,360	m2	х	\$35	=	\$117,600
Erosion Control					1,400	m	х	\$20	=	\$28,000
Traffic Control					1	item	х	\$14,240	=	\$14,240
								Sub Total	=	\$159,840
Design					3.0%		х	\$159,840	=	\$4,795
Supervision					3.0%		х	\$159,840	=	\$4,795
Administration & On-costs					15.5%		х	\$159,840	=	\$24,780
								Estimated Project		
								Cost	=	\$194,210

1	Locality			Falls Creel	٢					
2	Project Des	cription			ad [Part 3] I west of Wat	Jpgrade & Sea t Rd	al 500 x			
3	Project No.			03 ROAE	D 2013					
4	Estimated C	Cost		\$122,472						
5	Contribution	ns Apporti	ionment Tab	le			<u>.</u>			
	ESTIMATE		ALENT TEN Iwellings)	IEMENTS				CONTRIBUTION	Council Share	Development Share
					Vehicles	% Traffic	Benefit	per E.T.		
03 ROAD 2013	Existing	Infill	Potential	Total	per Day	Generation	Area Cost	(lot / dwelling)	66.67%	33.33%
1	6	1	2	9	90	100.00%	\$122,472		\$81,648	\$40,824
Assumed Through				N ICI		0.000/	¢o		<u>۴</u> ۵	¢0
Traffic				Nil				¢40.000.00	\$0 \$81,648	\$0
					90 100.00% \$122,472 \$13,608.00					\$40,824

03 ROAD 2013 Estimated Cost

	Length			Width	Quantity			Rate		Total
Strengthen and Stabilise	500	m	х	4.8	2,400	m2	х	\$42	=	\$100,800
Design					3.0%		х	\$100,800	=	\$3,024
Supervision					3.0%		х	\$100,800	=	\$3,024
Administration & On-cost	S				15.5%		х	\$100,800	=	\$15,624
							Estir	mated Project Cost	=	\$122,472

1	Locality									
2	Project Des	cription	Si	nclair Road	d [Part 1 and	l 2] Upgrade a	nd Seal 750	m x 5.6m wide		
3	Project No.		03	B ROAD	2014 RECO	DUPMENT				
1	Actual Cost		\$7	4,981					•	
5	Contribution	s Apportio	onment Table	е						
	ESTIMATE	D EQUIV	ALENT TEN	EMENTS					Council	Development
		(lots / d	wellings)		ESTIMATED APPORTIONMENT			CONTRIBUTION	Share	SHARE
03 ROAD 2014					Vehicles	% Traffic	Benefit	per E.T.		
RECOUPMENT	Existing	Infill	Potential	Total	per Day	Generation	Area Cost	(lot / dwelling)	24.31%	75.69%
1	28	0	7	35	350	100.00%	\$74,981		\$18,228	\$56,753
Assumed Through										
Traffic	Nil			Nil	0	0.00%	\$0		\$0	\$0
						100.00%	\$74,981	\$8,107.57	\$18,228	\$56,753

Note: This project incorporates projects 03 ROAD 0114 and 03 ROAD 0115 from the 1993 Contributions Plan. Council's share of the total cost represents contributions already received for the above projects.

1	Locality					Tomerong				
2	Project Desc	cription				Port Jervis Es - Upgrade an				
3	Project No.					03 ROAD 2	2016			
4	Estimated C	ost				\$1,140,976				
5	Received to	date				\$185,555				
6	To be Collec	cted				\$955,421				
7	Contribution	s Apportic	onment Table	•						
	ESTIMATE		ALENT TENI wellings)	EMENTS	ESTIMAT	ED APPORTI	CONTRIBUTION	Council Share	Development Share	
03 ROAD 2016	Existing	Infill	Potential	Total	Vehicles per Day					99.91%
1 Rural Residential Area	32	25	35	92	920	93.62%	\$894,500	\$14,908.33	\$0	\$894,500
2 Rural Area	4	0	19	23	230	6.38%	\$72,753	\$3,163.18	\$12,653	\$60,100
Assumed Through Traffic				Nil	0	0.00%	\$0		\$0	\$0
					1,150	100.00%	\$12,653	\$954,600		

Note 1: Benefit Area 2 [Rural Area] share of the Estimated Project Cost =

23/115 x 26.27% of the Estimated Project Cost
0.2 x \$304,607.21 = \$60,921.44

i.e. The Rural Area proportion of the Parnell Road component of the Estimated Project Cost.

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03 ROAD 2016 Estimated Cost

	Length			Width	Quantity			Rate		Total
Parnell Rd Seal Gravel										
Pavement	2,015	m	Х	6	12,090	m2	х	\$22.90	=	\$276,861
Parnell Rd Erosion Control					2,015	m	х	\$18.50	=	\$37,278
Evelyn St Seal Gravel										
Pavement	2,915	m	Х	6	17,490	m2	х	\$22.90	=	\$400,521
Evelyn St Erosion Control					2,915	m	х	\$18.50	=	\$53,928
Cambourne Rd Ext.										
Earthworks	1,230	m	Х	6	7,380	m2	Х	\$1.70	=	\$12,546
Cambourne Seal Gravel										
Pavement	1,230	m	х	6	7,380	m2	х	\$22.10	=	\$163,098
Cambourne Rd Erosion										
Control					1,230	m	х	\$18.50	=	\$22,755
								Sub Total	=	\$966,986
Design					3.0%		х	\$966,986	=	\$24,275
Supervision					3.0%		х	\$966,986	=	\$24,275
Administration & On-costs					15.5%		х	\$966,986	=	\$125,440
							Est	imated Project C	ost=	\$1,140,976

1	Locality				Basin					
2	Project Desci	ription	Та	asman Par	k Estate Ro	ads				
3	Project No.		0	3 ROAD	2019 REC	OUPMENT				
4	Actual Cost		\$2	266,204						
5	Contributions	Contributions Received								
6	Amount to be	Recoupe	d \$8	39,591						
7	Contributions	Apportion	ment Table							
	ESTIMATED	D EQUIVA	LENT TENE	MENTS					Council	Development
		(lots / dw	ellings)	ESTIMATED APPORTIONMENT						Share
							Benefit	CONTRIBUTION		
03 ROAD 2019					Vehicles	% Traffic	Area	per E.T.		
RECOUPMENT	Existing	Infill	Potential	Total	per Day	Generation	Cost	(lot / dwelling)	66.34%	33.66%
1	89	3				100.00%	\$266,204		\$176,613	\$89,591
Assumed Through										
Traffic				0	0	0.00%	\$0		\$0	\$0
						100.00%	\$266,204	\$5,599.44	\$176,613	\$89,591

Note: Council's share of the total cost represents contributions already received for the above project.

1	Locality		S	St. Georges	Basin				•	
2	Project Desci	ription	S	St Georges	Basin Bypa	SS			4	
3	Project No.		0	3 ROAD	2021 REC	OUPMENT				
4	Actual Cost		\$	5,123,898					•	
5	Contributions	Apportion	ment Table							
	ESTIMATED	D EQUIVA (lots / dw		MENTS	Council Share	Development Share				
03 ROAD 2021					Vehicles	% Traffic Generatio	Benefit	CONTRIBUTION per E.T.		
RECOUPMENT	Existing	Infill	Potential	Total	per Day	n	Area Cost	(lot / dwelling)	83.28%	16.72%
1	3,906	45	206	4,157	4,157	9.19%	\$453,802	\$109.17	\$426,401	\$27,401
2	4,971	0	948	5,919	35,514	78.51%	\$3,876,912	\$654.99	\$3,255,977	\$620,935
3	858	41	164	1,063	1,063	2.35%	\$116,043	\$109.17	\$93,664	\$22,379
4			Lump Sum	Payment			\$185,895		\$0	\$185,895
Assumed Through Traffic					4,500	9.95%	\$491,246		\$491,246	\$0
					45,234	100.00%	\$5,123,898		\$4,267,289	\$856,609

Note 1: 10.00%	Assumed Traffic generated from Contributions Area 1 will use St. Georges Basin Bypass.
60.00%	Assumed Traffic generated from Contributions Area 2 will use St. Georges Basin Bypass.
10.00%	Assumed Traffic generated from Contributions Area 3 will use St. Georges Basin Bypass.

Roads Area 3 Contributions Plan

1	Locality Project Descr	iption		it. Georges Grange Roa						
3	Project No.			Q		OUPMENT				
4	Actual Cost		\$	642,439						
5	Contributions	Apportion	ment Table							
	ESTIMATED	EQUIVA		MENTS	ESTIMA		RTIONMENT		Council Share	Development Share
03 ROAD 2022					Vehicles	% Traffic Generati	Benefit Area	CONTRIBUTION per E.T.		
RECOUPMENT	Existing	Infill	Potential	Total	per Day	on	Cost	(lot / dwelling)	80.71%	19.29%
1	858	41	164	1,063	10,630	100.00%	\$642,439		\$518,544	\$123,895
Assumed Through										
Traffic					0	0.00%	\$0		\$0	\$0
					10,630	100.00%	\$642,439	\$604.36	\$518,544	\$123,895

Roads Area 3 Contributions Plan

1	Locality		В	asin View						
2	Project Desc	ription	A	therton St	/ Wool Rd Ir	ntersection -	Reconstruct Ver	tical Curve		
3	Project No.		0	3 ROAD	2024					
4	Estimated Co	ost	\$	128,010						
5	Contributions	s Apportio	nment Table							
	ESTIMATE	D EQUIVA (lots / dw		MENTS	ESTIMA	TED APPOF	RTIONMENT		Council Share	Development Share
03 ROAD 2024	Existina	Infill	Potential	Total	Vehicles per Day	% Traffic Generati on	Benefit Area Cost	CONTRIBUTION per E.T. (lot / dwelling)	47.37%	52.63%
1	9	0	10	19	N/A	100.00%	\$128,010		\$60,636	\$67,374
Assumed Through Traffic					0	0.00%	\$0		\$0	\$0
					0	100.00%	\$128,010	\$6,737.37	\$60,636	\$67,374

03 ROAD 2024 Estimated Cost

Reconstruct 200m Section	Length			Width	Quantity			Rate		Total
Bulk Excavation of Crest					300	m3	х	\$54	=	\$16,200
Pavement	200	m	х	11	2,200	m2	х	\$42	=	\$92,400
								Sub Total	=	\$108,600
Survey and Design					3.0%		х	\$108,600	=	\$2,710
Supervision					3.0%		х	\$108,600	=	\$2,710
Administration & On-costs					15.5%		х	\$108,600	=	\$13,990
									.	

Estimated Project Cost = \$128,010

Roads Area 3 Contributions Plan

1	Locality		Ba	sin View						
2	Project Desci	iption	Ba	sin View E	state Roads					
3	Project No.		03	ROAD 2	2025 RECO	UPMENT				
4	Actual Cost		\$24	42,300						
5	Contributions	Apportion	ment Table							
	ESTIMATED	EQUIVA		MENTS	ESTIMA		RTIONMENT		Council Share	Development Share
			onnige)			% Traffic		CONTRIBUTION	onaro	
03 ROAD 2025					Vehicles	Generati	Benefit Area	per E.T.		
RECOUPMENT	Existing	Infill	Potential	Total	per Day	on	Cost	(lot / dwelling)	75.00%	25.00%
1	21	0	7	28	280	100.00%	\$242,300		\$181,725	\$60,575
Assumed Through										
Traffic					0	0.00%	\$0		\$0	\$0
					280	100.00%	\$242,300	\$8,653.57	\$181,725	\$60,575

1	Locality		War	ndandian						
2	Project Desc	ription	War	ndean Roa	d					
3	Project No.		03	ROAD 2	028 Upgrad	le and Seal	Pavement			
4	Estimated Co	ost	\$50	2,135						
5	Cost Apportion	onment Ta	ble							
	ESTIMATED			Council	Development					
		(lots / dw	ellings)		RTIONMENT		Share	Share		
						% Traffic		CONTRIBUTION		
					Vehicles	Generati	Benefit Area	per E.T.		
03 ROAD 2028	Existing	Infill	Potential	Total	per Day	on	Cost	(lot / dwelling)	1.09%	98.91%
1							• • • • • • •	AT 00440	•	• · · · · · · · ·
1(c) Rural Residential	22	18	46	86	860	93.48%	\$469,387	\$7,334.18	\$0	\$469,387
2 1(d) Rural Area	1	3	2	6	60	6.52%	\$32,748	\$5,457.99	\$5,458	\$27,290
	DEPRECI	ATION		Road		Heavy				
	RATI			Length	divided	Vehicle		CONTRIBUTION		
	/ Km / heavy	vehicle	х	Ŭ	by	Load	=	per Tonne		
3					divided					
Quarry	\$0.52	2	х	2.05km	by	12	tonnes =	\$0.09	\$0	\$0
No Through Traffic					0	0.00%	\$0		\$0	\$0
					920	100.00%	\$502,135		\$5,458	\$496,677

03 ROAD 2028 Estimated Cost

	Windley Road to Howard Ro	oad = 0.49-1.38km	890	metres				
	Howard Road to Maddens Ro	oad = 1.38-2.54km	1,160	metres				
	Length	Width	Quantity			Rate		Total
Pavement Construction	2,050 m x	4.8	9,840	m2	х	\$42	=	\$413,280
Survey and Design			3.0%		х	\$413,280	=	\$12,398
Supervision			3.0%		х	\$413,280	=	\$12,398
Administration & On-cost	S		15.5%		х	\$413,280	=	\$64,058
					Estimated	Project Cost	=	\$502,135

1	Locality			Tomeron	g/Vincentia					
2	Project Descr	iption		Naval Co	llege Road				•	
3	Project No.			03 ROA	D 2033					
4	Estimated Co	st		\$8,578,14	46				-	
5	Contributions	Apportion	ment Table						-	
	ESTIMATED) EQUIVA (lots / dw		MENTS	ESTIM	ATED APPOR	TIONMENT	CONTRIBUTION	Council Share	Development Share
					Vehicles	% Traffic	Benefit Area	per E.T.		
03 ROAD 2033	Existing	Infill	Potential	Total	per Day	Generation	Cost	(lot / dwelling)	95.17%	4.83%
1	3,906	45	206	4,157	41,570	80.00%	\$6,862,847		\$6,448,468	\$414,379
Assumed Through										
Traffic					10,390	20.00%	\$1,715,299		\$1,715,299	\$0
					51,960	100.00%	\$8,578,146	\$1,650.91	\$8,163,766	\$414,379

03 ROAD 2033 Estimated Cost

	Length			Width	Quantity			Rate		Total
NCR Clearing CH 5 - CH 7.12	2,120	m	x	33.82	71,700	m2	х	\$4.36	=	\$312,612
NCR Clearing CH 7.12 - 8.0023	880	m	х	28.41	25,000	m2	х	\$2.17	=	\$54,250
NC Rd Cut to Fill Earthworks					183,580	m3	х	\$11.64	=	\$2,136,871
NC Road Pavement	4,835	m	x	13	62,855	m2	х	\$36.36	=	\$2,285,408
NC Road Hotmix	4,835	m	х	11	53,185	m2	х	\$17.45	=	\$928,078
NC Road Road Furniture					1	Item	х	\$436,295	=	\$436,295
NC Road Drainage	600	dia		Class Y	48	m	х	\$261.80	=	\$12,566
NC Road Drainage	900	dia		Class Y	25	m	х	\$676	=	\$16,900
NC Road Drainage	1,200	dia		Class Y	52	m	х	\$1,112.50	=	\$57,850
NC Road Drainage	1,350	dia		Class Y	53	m	х	\$1,454.20	=	\$77,073
NC Road RCBC	2.7	m	х	3	2	Item	х	\$36,358	=	\$72,716
NC Road Duck Creek Bridge	20	m	х	11	220	m2	х	\$1,745.15	=	\$383,933
NC Road Erosion Protection					9,670	m2	х	\$14.50	=	\$140,215
NC Road Sediment Control					1	Item	х	\$145,435	=	\$145,435
								Sub Total		\$7,060,202
Survey and Design					3.0%		х	\$7,060,202	=	\$211,806
Supervision					3.0%		х	\$7,060,202	=	\$211,806
Administration & On-costs					15.5%		х	\$7,060,202	=	\$1,094,331
								Estimated Project Cost	=	\$8,578,146

1	Locality		S	anctuary F	Point					
2	Project Desc	cription	Т	he Wool La	ane [St. Geo	rges Basin By	pass to Anson S	treet]		
3	Project No.		0	3 ROAD	2053					
4	Estimated C	ost	\$	447,370						
5	Contribution	s Apportic	onment Table	;						
	ESTIMATE	D EQUIVA (lots / dv	ALENT TENE vellings)	EMENTS	ESTIMA	ATED APPOR	TIONMENT	CONTRIBUTION	Council Share	Development Share
03 ROAD 2053	Existing	Infill	Potential	Total	Vehicles per Day	% Traffic Generation	Benefit Area Cost	per E.T. (lot / dwelling)	54.44%	45.56%
1	815	0	377	1,192	N/A	65.00%	\$290,791	\$243.95	\$198,821	\$91,970
2	L	ump Sum)	1	N/A	25.00%	\$111,843	\$111,842.50	\$0	\$111,843
Assumed Through					0	10.00%	¢44 707		¢11 707	ድጋ
Traffic					0	100.00%	\$44,737 \$447,370		\$44,737 \$243,558	\$0 \$203,812

03 ROAD 2053 Estimated Cost

	Length			Width	Quantity			Rate		Total
Pavement	380	m	х	11	4,180	m2	х	\$35	=	\$146,300
Drainage					1	Item	х	\$25,260	=	\$25,260
Type "C" Intersection					840	m2	х	\$35	=	\$29,400
Roundabout					1	Item	х	\$76,020	=	\$76,020
Environmental Protection					1	Item	х	\$65,880	=	\$65,880
Signage / Linemarking etc.					1	Item	х	\$25,340	=	\$25,340
								Sub Total	=	\$368,200
Survey and Design					3.0%		x	\$368,200	=	\$11,050
Supervision					3.0%		х	\$368,200	=	\$11,050
Administration & On-costs					15.5%		x	\$368,200	=	\$57,070
								Estimated Project Cost	_	\$447 370

Estimated Project Cost = \$447,370

1	Locality									
2	Project Desc	ription	W	indley Roa	ad					
3	Project No.		0	3 ROAD	0114					
4	Estimated Co	ost	\$2	256,608						
5	Contributions	s Apportio	nment Table	;						
	ESTIMATE	D EQUIVA (lots / dw		MENTS	ESTIM			CONTRIBUTION	Council Share	Development Share
03 ROAD 0114		(1015 / UW	enings)		Vehicles	% Traffic	Benefit Area	per E.T.	Sildle	Silare
NEW	Existing	Infill	Potential	Total	per Day	Generation	Cost	(lot / dwelling)	0.00%	100.00%
1	2	0	40	42	420	100.00%	\$256,608		\$0	\$256,608
No Through Traffic					0	0.00%	\$0		\$0	\$0
					420	100.00%	\$256,608	\$6,415.20	\$0	\$256,608

03 ROAD 0114 Estimated Cost

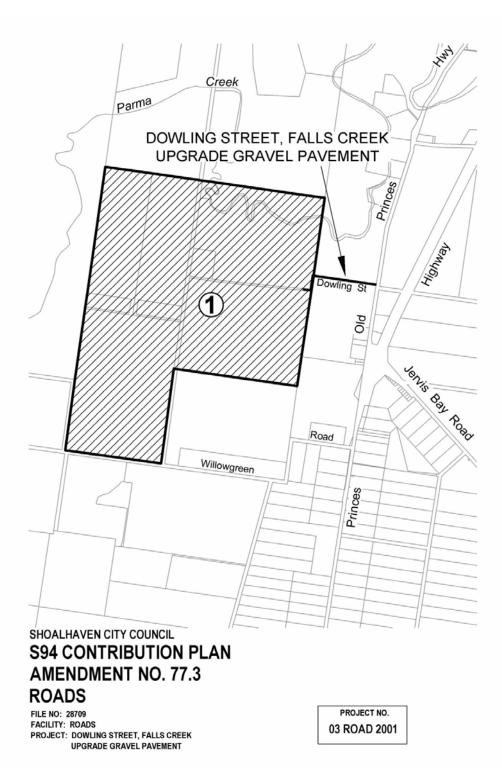
	Length			Width	Quantity			Rate		Total
Upgrade and Seal	880	m	х	5	4,400	m2	Х	\$43	=	\$189,200
Drainage + Erosion										
Control					880	m	х	\$25	=	\$22,000
								Sub Total	=	\$211,200
Survey and Design					3.0%		х	\$211,200	=	\$6,336
Supervision					3.0%		Х	\$211,200	=	\$6,336
Administration & On-										
costs					15.5%		х	\$211,200	=	\$32,736
								Estimated Project Cost	=	\$256,608

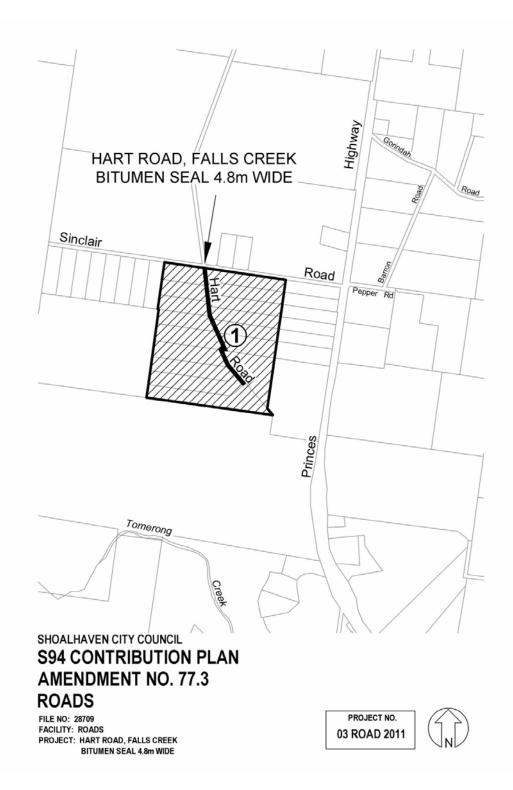
1 Locality	Huskiss	

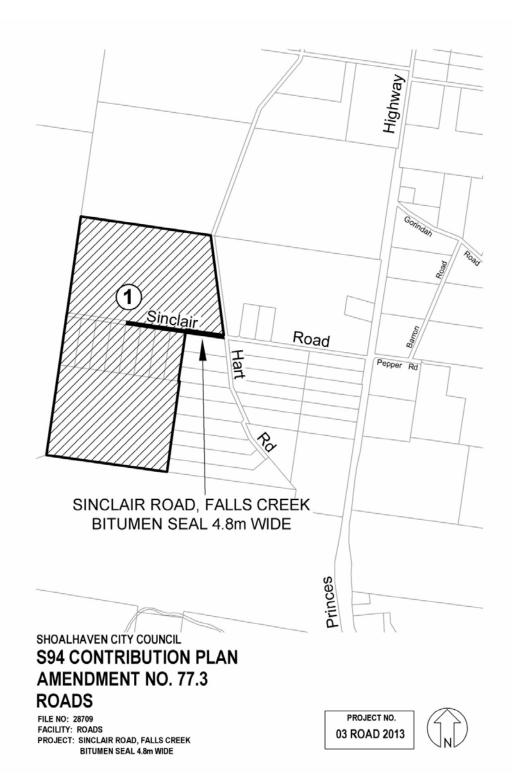
2	Project Description				ydney/ Bow	en Streets				
3	Project No.				03 ROAD 0115					
4	Estimated Cost				\$938,739					
5	Contributions	Apportior	ment Table							
	ESTIMATED EQUIVALENT TENEMENTS								Council	Development
	(lots / dwellings)				ESTIM	ATED APPOR	TIONMENT	CONTRIBUTION	Share	Share
03 ROAD 0115					Vehicles	% Traffic	Benefit Area	per E.T.		
NEW	Existing	Infill	Potential	Total	per Day	Generation	Cost	(lot / dwelling)	44.57%	55.43%
1	1,124	0	1,565	2,689	26,890	95.24%	\$894,037		\$373,707	\$520,330
Assumed Through										
Traffic					1,345	4.76%	\$44,702		\$44,702	\$0
					28,235	100.00%	\$938,739	\$332.48	\$418,409	\$520,330

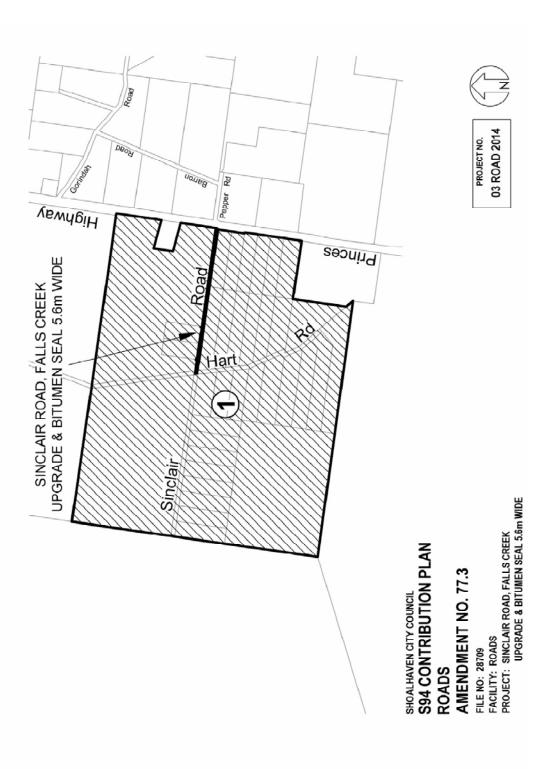
Construction	Bowen Street		Sydney Street		Total	
Road Construction	\$255,140	+	\$175,366	=	\$430,506	
Footpath Construction	\$30,000	+	\$19,250	=	\$49,250	
Drainage	\$65,000	+	\$55,250	=	\$120,250	
Line marking and Signage	\$8,020	+	\$4,660	=	\$12,680	
Landscaping	\$6,400	+	\$0	=	\$6,400	
Services adjustment	\$40,000	+	\$35,000	=	\$75,000	
Miscellaneous	\$48,000	+	\$0	=	\$48,000	
Total Construction	\$452,560	+	\$289,526	=	\$742,086	
Survey, Design and Project Management (10%)	\$45,256	+	\$28,953	=	\$74,209	
Contingencies (15%)	\$74,672	+	\$47,772	=	\$122,444	
Total Implementation	\$572,488	+	\$366,250	=	\$938,739	

Appendix D – Contribution Area Maps

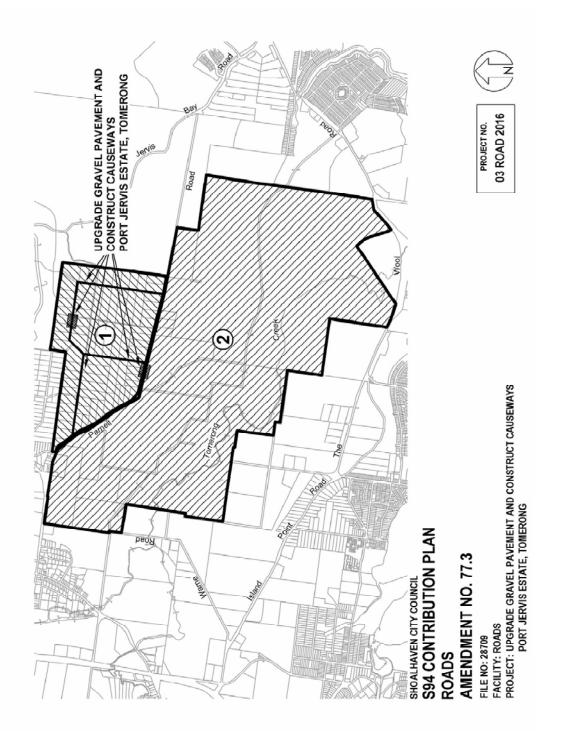


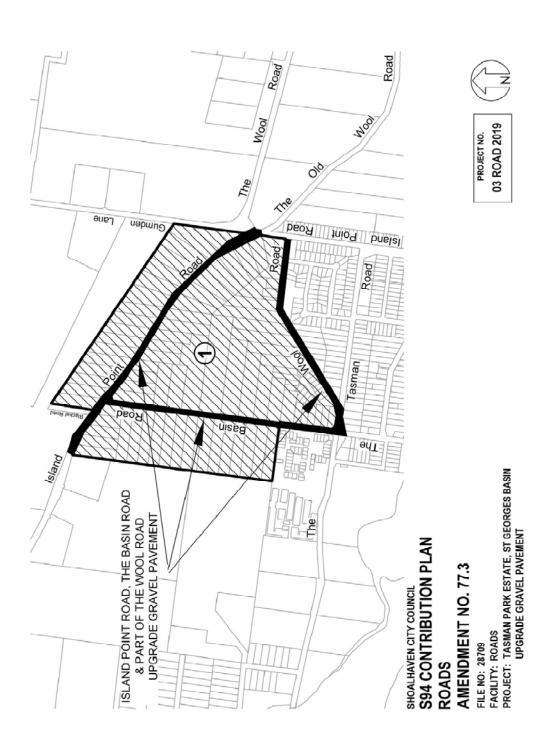


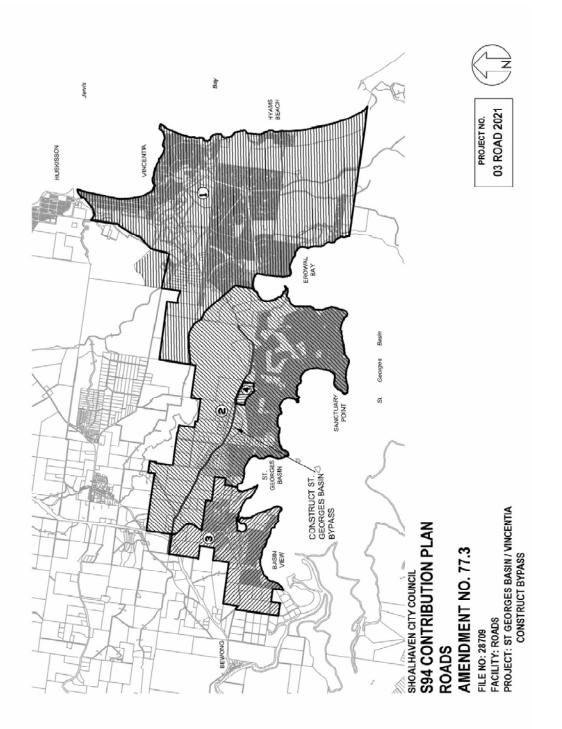


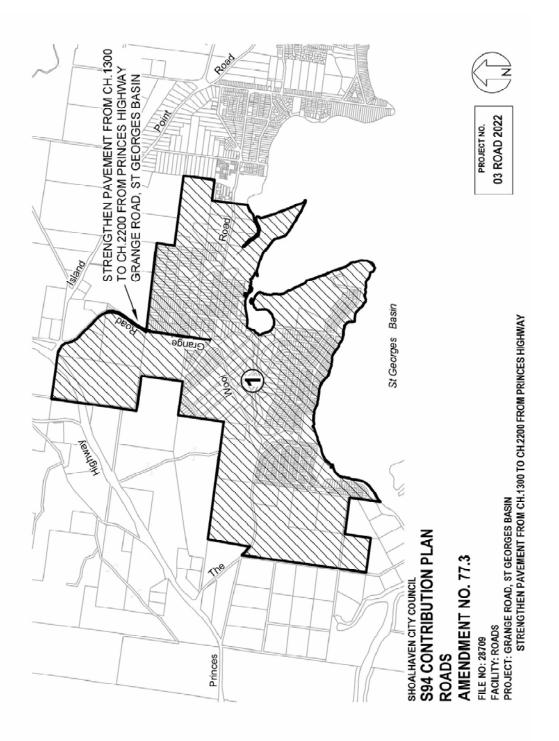


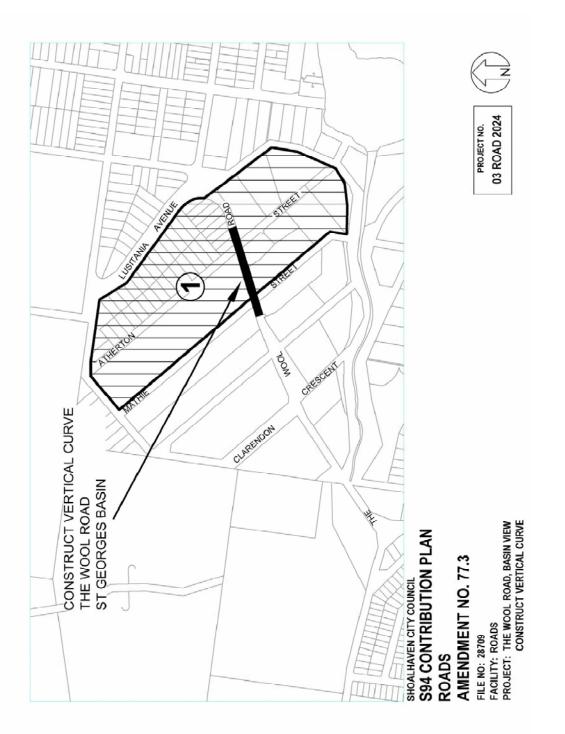
03ROAD2016 – Contribution Area 1 & 2

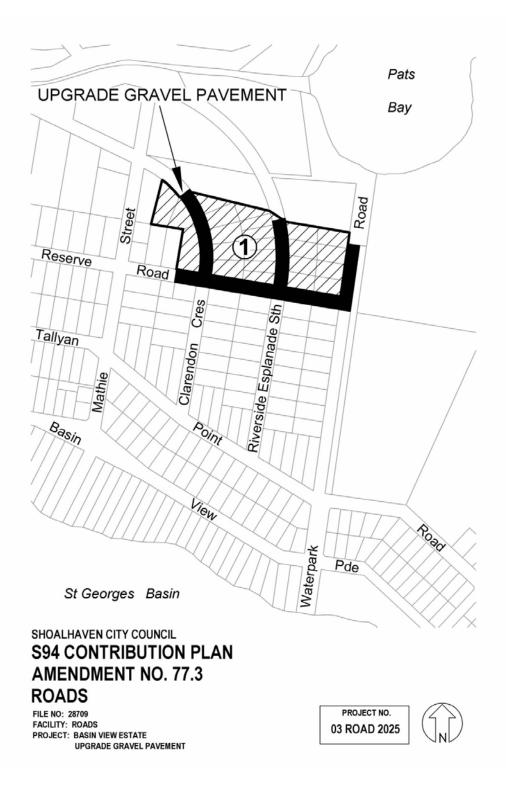


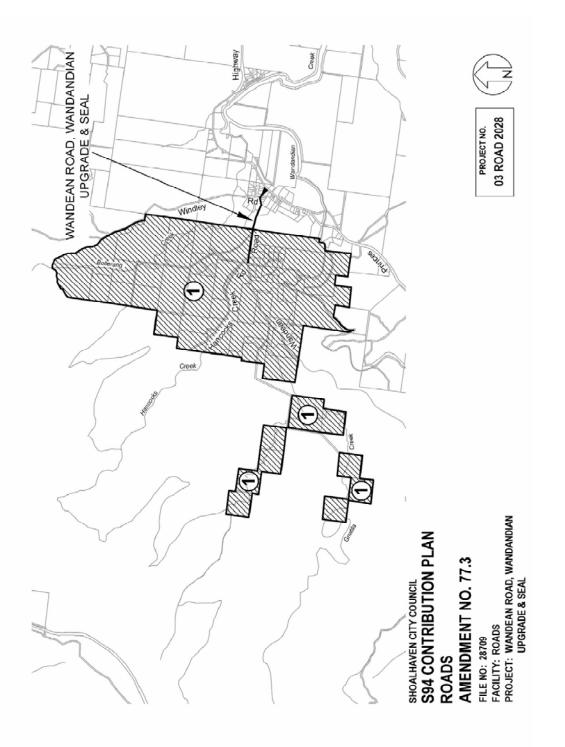




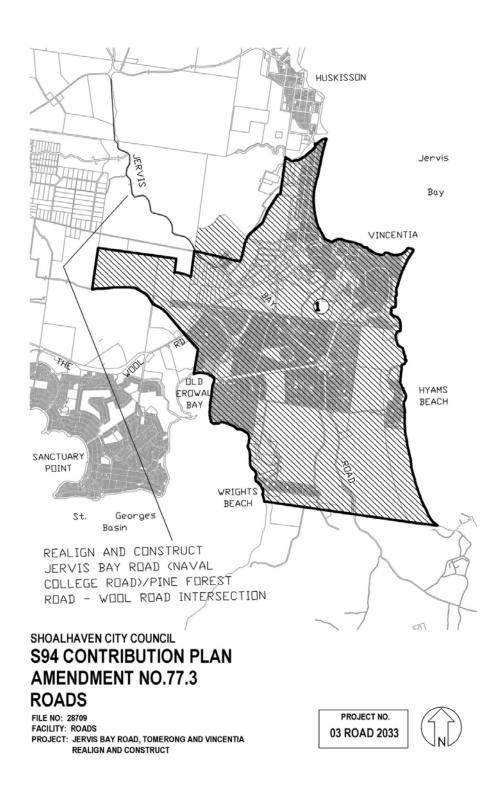








File 28709E

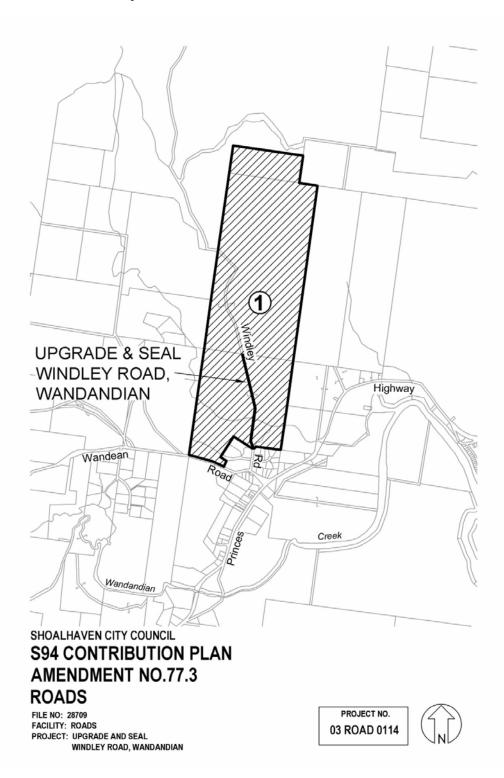




SHOALHAVEN CITY COUNCIL S94 CONTRIBUTION PLAN AMENDMENT NO.77.3 ROADS FILE NO: 28709

FACILITY: ROADS PROJECT: WOOL ROAD - ANSON STREET, ST GEORGES BASIN WOOL LANE CONSTRUCTION PROJECT NO. 03 ROAD 2053

03 ROAD 0114 Windley Road



03 ROAD 0115 Sydney / Bowen Streets

