



**CITY OF WAGGA WAGGA**

**SECTION 94  
CONTRIBUTIONS PLAN  
1993 - 2004**

**Adopted by Council  
26 July 1993**

*McPeck*

## EXECUTIVE SUMMARY

At its meeting held on 26 July 1993, Council resolved to approve the making of this Section 94 Contributions Plan. This followed Council's consideration and evaluation of submissions received during the public exhibition period, both from members of the public and from Council itself.

This Section 94 Contributions Plan links anticipated increased demand for public amenities and services, for which contributions will be sought, to forecasted population and dwelling growth in the City of Wagga Wagga to the year 2004.

The Contributions Plan initially applies to the Wagga Wagga Urban Area extending, from Forest Hill to San Isidore, but is intended to eventually apply to the whole City.

The public services and amenities for which contributions will be obtained are based on those currently provided by Council and have been listed in Chapter 2 of this Plan. The works schedules for each of these functional areas are given in Appendices 2 and 3.

Table 1 summarises the Section 94 Contribution amounts for engineering and community services on a suburban basis, as well as for the City's Central Business District. Contribution amounts vary from \$3,108.54 per new lot or dwelling in Tatton to \$2,227.98 in Koorungal. Details as to how these amounts were calculated are included in Chapter 3 which also gives examples of how contributions for various landuses can be calculated and in Appendices 2 and 3, containing functional works schedules.

**Table 1: City of Wagga Wagga Section 94 Contribution Amounts by Suburb**

SUBURB	Engineering Services (\$) *	Community (etc.) Services (\$) **	Total S.94 Contribution Per Lot or Dwelling (\$)
Ashmont	1477.10	1473.92	2951.02
Boorooma	1219.07	1239.75	2458.82
Bourkelands	1832.34	1258.48	3090.82
Cartwrights Hill	1425.88	1291.55	2717.43
Central Wagga / Turvey Park	1946.85	712.44	2659.29
Estella	1303.08	1413.85	2716.93
Forest Hill	1269.93	1154.65	2424.58
Glenfield Park	1526.84	1331.50	2858.34
Koorungal	1301.56	926.42	2227.98
Lake Albert	1737.57	822.26	2559.83
Lloyd	1653.32	1249.16	2902.48
Mt Austin / Tolland	1564.50	873.92	2438.42
Tatton	2027.70	1080.84	3108.54
Central Business District Sth	-	-	30.00 sq m (ground floor) 15.00 sq m (first floor)

Notes:

\* Engineering Services includes the following functional areas; drainage, roads, traffic, bridges, cycleways, footpaths and car parking.

\*\* Community Services includes the following functional areas; local/city-wide open space and recreation facilities, community facilities, waste disposal and cultural facilities.

\*\*\* These amounts do not include sewer contributions which are now covered by a separate policy in accordance with advice received from the State Government on 30 June 1993

Chapter 4 gives estimates of the Wagga Wagga Urban Areas population capacity, population projections and subsequent dwelling allocations by suburb to the year 2004. Population projections to 2004 were based on population and development statistics derived from the Australian Bureau of Statistics and Council sources. At the 1991 Census, Wagga Wagga Urban Area had a population of 48,019 persons and by 2004 the Plan estimates this will rise to just below 65,000.

Chapters 5 to 12 give details of the various functional areas across which contributions will be obtained. These include a range of engineering services, open space and recreation facilities, community facilities, commercial/retail and industrial developments, waste disposal and cultural facilities and planning studies. They give justification to the works schedules contained in Appendices 2 and 3.

Chapter 13 outlines the financial and administrative mechanisms Council will be implementing to account for contributions received. Council's existing Section 94 plan uses accounting techniques which satisfy most of the new requirements of accounting for income and expenditure.

Reviews of the plan will be undertaken regularly to respond to changes in population growth rates and also to review works schedules to tie into Council's Corporate Plan.

# TABLE OF CONTENTS

EXECUTIVE SUMMARY		i
TABLE OF CONTENTS		iii
1. INTRODUCTION		1
1.1 Background		1
1.2 Basic Principles		1
2. THE SECTION 94 CONTRIBUTIONS PLAN		3
2.1 Introduction		3
2.2 Aims and Objectives		3
2.3 Public Services and Amenities		3
2.4 Crown Development		4
2.5 Determining Net Impact		4
2.6 Miscellaneous Developments		7
2.7 Reviews		7
3. CALCULATION OF CONTRIBUTIONS : EXAMPLES		10
3.1 Residential Subdivision : Glenfield Park		10
3.1.1 Engineering Projects		10
3.1.2 Local Open Space/Recreation		11
3.1.3 City-Wide Open Space		12
3.1.4 Waste Disposal		12
3.1.5 Community Facilities		12
3.1.6 Cultural Facilities		12
3.1.7 Planning Studies		13
3.2 Medium Density Development : Central Wagga Wagga		13
3.3 Dual Occupancy Development : Bourkelands		13
3.4 Twenty (20) Unit Motel Development : Central Wagga Wagga		14
3.5 Retail Development : Baylis Street		14
3.6 Industrial Development		15
3.6.1 Establishing the Nexus - Road Works Equivalence		15
3.6.2 Needs		16
3.6.3 Establishing the Nexus Drainage Works Equivalence		17
3.6.4 Needs		17
3.6.5 Sample Calculations Industrial Developments		17
4. POPULATION DISTRIBUTION AND FUTURE GROWTH		19
4.1 Wagga Wagga Urban Area Population Capacity Estimates		19
4.2 Wagga Wagga Urban Area Population Projections 1992-2004		21
4.3 Wagga Wagga Urban Area Dwelling Projections 1992-2004		23
5. ENGINEERING SERVICES		25
5.1 Introduction		25
5.2 Arterial Roads		25
5.3 Urban Bridges		25
5.4 Traffic Facilities		25
5.5 Sewerage		25

5.	ENGINEERING SERVICES (cont.)	
5.6	Drainage	26
5.7	Footpaths	26
5.8	Cycleways	26
6.	OPEN SPACE & RECREATION FACILITIES	27
6.1	Introduction	27
6.2	Nexus between future development and Recreational Facilities and Open Space	27
6.3	Existing Open Space Provision and Recreational Opportunity	28
6.3.1	Wagga Wagga Urban Area Existing Recreation Facility Provision	28
6.3.2	Comparison of Sports Facilities Provision ( WWUA )	29
6.3.3	Wagga Wagga Urban Area Existing Open Space Provision	31
6.4	Future Open Space and Recreation Provision	33
6.4.1	Local Open Space	33
6.4.2	City-Wide Open Space	33
7.	COMMUNITY FACILITIES	34
7.1	Introduction	34
7.2	Facilities to be Provided	34
7.2.1	Childcare	34
7.2.2	Neighbourhood Centres	35
7.3	Statistical Justification	35
7.3.1	Numbers of Children	35
7.3.2	Siting	36
7.4	Determination of Contribution Rates	37
7.5	Funding from Council Sources	37
7.5.1	Long Day Care Centres	37
7.5.2	Neighbourhood Centre	37
7.6	Schedule of Contribution Rates for Community Facilities	39
8.	COMMERCIAL/RETAIL DEVELOPMENT	40
8.1	Introduction	40
8.2	Forecast Development	40
8.3	Needs Generated - CBD (South)	40
8.3.1	Carparking	41
8.3.2	Traffic Facilities	41
8.3.3	Total Contributions - CBD (South)	42
8.4	Central Business District (North)	42
9.	INDUSTRIAL DEVELOPMENTS	43
9.1	Introduction	43
9.2	Bomen Industrial Estate	43
9.3	Hammond Avenue, Dobney Avenue, Pearson Street and Fernleigh Road Industrial Estates	43
10.	WASTE DISPOSAL	45
10.1	Introduction	45
10.2	Gregadoo Waste Disposal Facility	45

11.	CULTURAL AND ADMINISTRATIVE FACILITIES	46
11.1	Art Gallery	46
11.2	Library	46
11.3	Convention Centre Establishment	46
12.	PLANNING STUDIES	47
12.1	Studies	47
13.	FINANCIAL AND ADMINISTRATIVE MECHANISMS	48
13.1	Accounting for Income and Expenditure	48
13.2	Council's Existing Accounting System	48
13.3	Supplementary Funding	48
13.4	"Robbing Peter to Pay Paul"	50
13.5	Budgets	50
13.6	Indexing	50
13.7	Method of Payment	50

#### LIST OF TABLES

Table 1	City of Wagga Wagga Section 94 Contribution Amounts By Suburb	i
Table 2	City of Wagga Wagga - Summary of S.94 Contributions	6
Table 3	Population Capacity Estimates, By Suburbs, Wagga Wagga Urban Area	19
Table 4	Population Projections 2004 (Wagga Wagga Urban Area)	21
Table 5	Wagga Wagga Urban Area Dwelling Projections 1992-2004	24
Table 6	Inventory of Existing Sports Facilities	28
Table 7	Comparison of Sports Facilities	30
Table 8	Wagga Wagga Urban Area Open Space Summary (1992)	31
Table 9	Wagga Wagga Residential Development Monitor	36
Table 10	Community Facilities Works/Acquisition Program	37
Table 11	Summary of Community Facilities Contribution Rates (\$)	39
Table 12	Forecast of Commercial/Retail Floorspace 1993-2004	40

#### LIST OF FIGURES

Figure 1	Location of Wagga Wagga Urban Area Within the Wagga Wagga Local Government Area	5
Figure 2	Wagga Wagga Urban Area Suburbs	9
Figure 3	Wagga Wagga Community Facility Areas	38
Figure 4	Section 94 - The Big Picture	49

#### LIST OF APPENDICES

Appendix 1	Environmental Planning and Assessment (Contributions Plans) Amendment Act 1991 and Regulation.
Appendix 2	Section 94 - Projects Relationship with Capital Works Program
Appendix 3	Section 94 Schedules, by Functional Area and Suburb
Appendix 4	Wagga Wagga Urban Area Open Space Summary by Suburb (1992)

# 1. INTRODUCTION

## 1.1 Background

Section 94 of the Environmental Planning and Assessment Act, 1979 ("The Act") grants Councils the power to levy contributions from developers towards the provision of public amenities and services required as a consequence of development (refer to Appendix 1 for copy of the Section 94 Amendment Act).

The power to levy such contributions relies on there being a clear link or nexus between the development being levied and the need or demand for the particular public amenity or service for which the levy is required.

Since the 1970's, the Wagga Wagga City Council has required headwork contributions from developers as a means of providing public amenities and services as a consequence of subdivisions in new residential release areas. These were really the forerunner to Section 94 contributions.

Council introduced an actual Section 94 contribution plan, via Development Control Plan No. 6, in 1984. This plan identified public amenities and services to be provided by Council as a consequence of development occurring in the city. It also set out details quantifying the amount of contribution to be paid, methods of calculation of the amount and methods of payment, accounting and expenditure of contributions.

In February, 1992, the State Government amended Section 94 of the Act to require Councils to have a Section 94 contribution plan in place by the 17th December, 1992, before a contribution can be levied. This deadline was later extended to the 30th June, 1993. It was also considered inappropriate to use Development Control Plans and accompanying Local Environmental Plans. A "stand alone" contributions plan is to be used to reflect the fact the power to levy contributions under Section 94 remains independent of other sections of the Act.

On 30 June 1993, the State Government also advised Councils that sewerage and water supply contributions cannot be obtained from Section 94 of the Act, but will now be implemented by Council through a separate policy requiring a Certificate to be obtained under Section 27 of the Water Supply Authorities Act 1987. Further information can be obtained by contacting Council's Department of Engineering and Technical Services.

## 1.2 Basic Principles

The New South Wales Land and Environment Court has established the following principles for testing the validity of a development consent condition requiring a Section 94 contribution. These are:

- \* A contribution must be for, or relate to, a planning purpose;
- \* The contribution must fairly and reasonably relate to the subject development; and
- \* The contribution must be such as a reasonable planning authority, duly appreciating its statutory duties, could have properly imposed.

Table 2: City of Wagga Wagga - Summary of S.94 Contributions

	Engineering Services	Open Space / Recreational Facilities	Community Facilities	Waste Disposal	Cultural Facilities	Planning Studies	TOTAL (\$) per lot / dwelling
<b>SUBURB</b>							
Ashmont	1477.10	972.80	188.90	73.28	123.62	115.32	2951.02
Booroomba	1219.07	679.32	248.21	73.28	123.62	115.32	2458.82
Bourkelands	1832.34	784.79	161.47	73.28	123.62	115.32	3090.82
Cartwrights Hill	1425.88	731.12	248.21	73.28	123.62	115.32	2717.43
Central Wagga / Turvey Park	1946.85	400.22	Nil	73.28	123.62	115.32	2659.29
Estella	1303.08	853.42	248.21	73.28	123.62	115.32	2716.93
Forest Hill	1269.93	842.43	Nil	73.28	123.62	115.32	2424.58
Glenfield Park	1526.84	830.38	188.90	73.28	123.62	115.32	2858.34
Koorngal	1301.56	476.98	137.22	73.28	123.62	115.32	2227.98
Lake Albert	1737.57	372.82	137.22	73.28	123.62	115.32	2559.83
Lloyd	1653.32	634.39	302.55	73.28	123.62	115.32	2902.48
Mt Austin / Tolland	1564.50	372.80	188.90	73.28	123.62	115.32	2438.42
Tatton	2027.70	631.40	137.22	73.28	123.62	115.32	3108.54



For residential development creating new lots or dwellings, net impact is determined by allowing for the fact a dwelling-house can be erected on most lots without the necessity for obtaining consent and thus Section 94 would not apply.

Medium density developments are also discounted whereby one and two bedroom units only have the same impact on infrastructure as 0.5 and 0.75 of a standard three bedroom dwelling-house respectively. A three bedroom unit will attract the same contribution as a standard dwelling on a new lot being created.

For dual occupancy developments, the NSW Government has issued directions permitting the levying of Section 94 contributions for dual occupancies on vacant lots. Where the development is on a lot with an existing dwelling, a contribution can only be levied for sewerage under the Water Supply Authorities Act 1987 and a Certificate of Compliance from Council will be necessary. This procedure will also apply for developments under Stat Environmental Planning Policy No. 5 "Housing for Aged or Disabled Persons".

Developers are also credited for land dedications for open space, community buildings and the like whereby Council recognises this land has a value by incorporating the area of such lands in the calculations of residential density. The area of lands to be dedicated is included in dwellings per residential hectare calculations, allowing the developer to construct additional dwellings on land zoned for residential purposes.

Council is presently obtaining valuation advice with a view to incorporating debits and credits for the provision of open space in new neighbourhoods, separate to embellishment contributions, to reflect the fact land owners are dedicating under or over the average provision of open space in this City.

Credits are also given for commercial and retail developments, whereby existing commercial or retail floorspace is not included in Section 94 calculations. The contribution amount is only taken on the net increase in gross leasable floor area for both retail and commercial developments.

## **2.6 Miscellaneous Developments**

With respect to individual developments there will often be a need to allow or extend services or amenities to accommodate specific needs. These situations are impossible to foresee accurately. In some cases it will be necessary to require specific contributions to cover such works. These contributions could be seen as section 94 contributions and in order to satisfy the NSW Government guidelines, general listing of such projects by type have been included in Appendix 3.

## **2.7 Reviews**

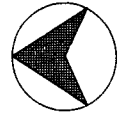
The Contributions Plan will eventually apply to the whole of the City of Wagga Wagga but it initially applies to the Wagga Wagga Urban Area (See Figure 2). Reviews will be undertaken regularly to respond to changes in population growth rates for the city and between the suburbs up to 2004. The plan will be reviewed when updated Australian Bureau of Statistics (A.B.S.) census information becomes available and also to review individual works schedules to tie into Council's Corporate Plan. Future amendments will incorporate village and rural areas of the City.

Review, amendment or repeal of the plan is subject to the public participation requirements of the Act and accompanying regulations requiring a minimum 28 day exhibition period during which submissions may be made to Council.

**CITY OF  
WAGGA WAGGA**  
MAY 1993

**Wagga Wagga  
Urban Area  
Suburbs**

**LEGEND:**  
Suburb/Urban  
Boundary



**FIGURE 2**



### 3. CALCULATION OF CONTRIBUTIONS : EXAMPLES

#### 3.1 Residential Subdivision : Glenfield Park

Table 2 gives the total contribution per lot or dwelling and a breakdown of this contribution into the various functional areas respectively.

For Glenfield Park, these are as follows:

Drainage .....	248.07
Roads .....	380.46
Traffic .....	445.34
Bridges .....	150.01
Cycleways .....	8.49
Footpaths .....	187.22
Carparking .....	107.25
Local open space/recreation .....	457.56
City wide-regional open space and recreation facilities .....	372.81
Waste disposal .....	73.28
Community facilities .....	188.90
Planning Studies .....	115.32
Cultural services .....	123.62
	<u>\$2,858.34</u>

The key elements employed in deriving the above mentioned contribution are:

- (i) population projections for the city;
- (ii) number of projected dwellings for a given suburb;
- (iii) costs of the basic level of provision of amenities;
- (iv) assumed occupancy ratio of (2.85) persons per dwelling; and
- (v) contribution per dwelling or lot to fund projected facilities.

#### 3.1.1 Engineering Projects

The total engineering Section 94 contributions per lot or dwelling is the sum of drainage, roads, traffic, bridges, cycleways, footpaths and carparking works.

The engineering functions Section 94 contributions were calculated using a spreadsheet for ease of revision, however, the working can be explained by the calculations shown below:

##### A. City-wide Projects

Arterial roads, traffic, bridges and carparking projects benefit the City as a whole so are apportioned equally to all lots in all the City's suburbs.

A1. Roads

TC = Total cost of arterial roads (residential) = \$2,029,000 (Appendix II, page 2)

D = Number of dwellings 1992-2004 = 5,203

C = TC/D = Contribution per lot or dwelling =  $\$2,029,000/5203$   
= \$380.46

A2. Traffic

TC = Total cost of traffic facilities (residential) = \$2,405,000 (Appendix II, page 7)

D = Number of dwellings 1992-2004 = 5,203

C = TC/D = Contribution per lot or dwelling =  $\$2,405,000/5203$   
= \$445.34

A3. Bridges

TC = Total cost of bridges (residential) = \$800,000 (Appendix II, page 18)

D = Number of dwellings 1992-2004 = 5,203

C = TC/D = Contribution per lot or dwelling =  $\$800,000/5203$   
= \$150.01

A4. Carparking

TC = Total cost of carparking (residential) = \$558,000 (Appendix II, pages 21 & 41)

D = Number of dwellings 1992-2004 = 5,203

C = TC/D = Contribution per lot or dwelling =  $\$558,000/5203$   
= \$107.25

B. Local Projects (Suburb Particular)

Drainage, cycleways and footpath projects benefit their relevant suburb in a particular catchment or locale. These projects are apportioned to the relevant suburbs benefiting from such projects. Examples of the calculation to determine drainage, cycleways and footpath contributions are best shown by taking projects shown below as examples:

**3.1.2 Local Open Space/Recreation**

Total cost of identified local open space/recreation facilities to be provided in Glenfield Park = \$496,000. (Refer to Appendix II, page 22)

100% of the cost of these facilities is attributable to the growth sector and thus, Section 94 contributions apply.

Formula to determine the contribution is therefore:

$$P/OR = D; \quad C = TC/D$$

Contribution per lot or dwelling:

- P = Population increase for Glenfield Park 1992-1004 (3089)
- OK = Assumed occupancy ratio (2.85)
- D = Number of dwellings (1084)
- TC = Total cost of local open space/recreation facilities (\$496,000)
- C = Contribution per lot or dwelling (\$457.56)

**3.1.3 City-Wide Open Space**

Total cost of City-wide open space projects = \$4,585,000  
(See Appendix II, page 26 and Appendix III, page 24 for breakdown of projects)

An apportion rate has been applied to represent the growth sector's proportion of total population in the City up to 2004. Total Section 94 proportion is \$1,939,750.

Total number new dwellings 1992-2004 = 5203  
Thus contribution per lot or dwelling is = \$372.81

**3.1.4 Waste Disposal**

Total cost of waste disposal works at Gregadoo waste disposal facility attributable to Section 94 = \$381,250 (See Appendix II, page 28)

Total number new dwellings up to 2004 = 5203 in the Wagga Wagga Urban area.

Thus, total contribution on a City-wide basis = \$73.28

**3.1.5 Community Facilities**

Total cost of community facilities = \$1,690,000  
(See Appendix II, page 29)

Total cost of community facilities to be provided in south-western area (comprising Glenfield Park, Lloyd, Tolland, Bourkelands: See Appendix III, page 27.

Total number of existing and new lots to benefit in south-western area = 4075

Total per lot/dwelling contribution for suburb in south-western area = \$188.90

**3.1.6 Cultural Facilities**

Total cost of cultural facilities = \$6,000,000  
(See Appendix II, page 30)

Apportionment of 25% to represent "growth" sectors contribution to overall City's growth to 2004 has been used, as well as a discounting for both local usage and when the particular facility was first identified as being necessary.

(See Appendix 2, page 42)

Total cost apportion from Section 94 therefore is = \$643,200

Total number new dwellings 1992-2004 = 5,203

Thus, contribution per lot/dwelling is = \$123.62

### 3.1.7 Planning Studies

Apportionment of 25% to represent "growth" sector's contribution to overall City's growth to 2004 has been used. Total cost apportion from Section 94 is \$600,000. Total number of new dwellings 1992-2004 is 5,203; thus the contribution per lot/dwelling is \$115.32.

### 3.2 Medium Density Development : Central Wagga Wagga

Proposal Erect 4 x 2 bedroom and 1 x 3 bedroom units

Determine Net Impact 1 x 3 bedroom unit = 1 dwelling  
1 x 2 bedroom unit = 0.75 dwelling

Assume lot had capacity for 1 dwelling to be created on it (Refer Chapter 2.5)

Needs for Central Wagga Wagga. Refer Tables 1 and 2 and Appendix 2

Contribution Rate = \$2,659.29 per lot or dwelling

Thus total contribution =  $[(4 \times 0.75) + (1 \times 1) - 1] \times \$2,659.29 = \$7,977.87$

This is then indexed in accordance with the Building Materials (Non-Dwelling, Sydney) Index and updated quarterly. (Refer to Chapter 13.6 and 13.7)

### 3.3 Dual Occupancy Development : Bourkelands

Proposal Construct new 2, 2 bedroom dwellings on vacant lot.

2 bedroom dwelling = 0.75 contribution unit.  
1 contribution unit for Bourkelands = \$3,090.82

Contribution =  $(0.75 \times 2) - 1 \times \$3,090.82 = \underline{\underline{\$1,545.41}}$

The trip generation was calculated to be:

$$\frac{138 \times 9}{5.7} = 218 \text{ trips/ha/day}$$

To be on the conservative side, it was considered that 180 trips/ha/day would be a typical traffic generation rate for industrial zoning which are fully developed in Wagga Wagga. This is not inconsistent with Traffic Authority Guidelines for the assessment of traffic impacts.

It has been established by earlier surveys in Wagga Wagga and confirmed elsewhere in NSW that typical detached dwellings generate or attract 10-12 trips/day. Wagga Wagga is typically 12 trips/day/dwelling.

Some industrial trips are considered to have more than 1 destination in the one trip. This is particularly so in industrial traffic such as delivery services which may call at several destinations in the one trip.

To allow for this a discount of 30% has been allowed for all industrial trips.

The equivalence of one hectare of Industrial land is therefore considered to be:

$$\frac{180 \text{ trips/day/ha}}{12 \text{ trips/day/dwelling}} \times 70\% = 10 \text{ dwellings}$$

On this basis a nexus has been calculated which allows a typical industrial hectare of industrial land to be equivalent to 10 dwellings. This typical development would be required to contribute the following amounts (indexed).

Roads	\$380.46	x 10	=	\$3,416.50
Traffic Facilities	\$445.34	x 10	=	\$4,453.40
Bridges	\$150.01	x 10	=	\$1,500.10
				\$9,370.00/ha

In many cases when a development application is being considered there may be sufficient detailed information on likely trip generation to calculate more accurately the specific contribution required. Where possible the method used will be to divide the estimated trip generation by 12 to give a better equivalence. In cases such as warehouses with unknown usage at the time of development application, the typical calculation will be applied.

This method will be applied to both Hammond Avenue and Dobney Avenue industrial areas. No Section 94 contribution will be sought for these functions from the Bomen area.

### 3.6.2 Needs

It has been recently calculated that the vacant industrial land which is likely to be developed over the next 12 years is 20 ha in Hammond/Copland and 6 ha in Dobney/Pearson. On the basis of 10 equivalent dwellings per ha and a total of 5502 residential dwellings the share of the total road improvement is approximately 4.7% of total.



Viz.	Hammond Avenue	20 ha x 10 =	200 equivalent dwellings
	Dobney Avenue	6 ha x 10 =	<u>60</u> equivalent dwellings
			260
Share =	$\frac{260}{5502 + 260}$	x	$\frac{100}{1} = 4.7\%$

Accordingly, Appendix III shows that a total of 4.7% of the total road needs will come from the Hammond Avenue and Dobney Avenue industrial areas.

### 3.6.3 Establishing the Nexus Drainage Works Equivalence

An average dwelling house can be considered as having a roof area of 200 square metres. therefore, the equivalence of an industrial development can be calculated by dividing it's impermeable area by 200. To be on the conservative side, it has been the practice to divide the industrial roof area by 200.

### 3.6.4 Needs

The needs of the Dobney /Pearson industrial area in the drainage function are Projects D12 and D13. As stated above, the likely areas of industrial development is 6 ha. This can be compared to 90 equivalent dwellings (30% of land is usually development for buildings).

Total dwelling above projects	1592
Equivalent dwelling for Dobney $\frac{6 \times 10,000}{200} \times 0.30\%$	<u>90</u>
	<u>1682</u>

Percentage of Industrial to Total  $\frac{90}{1682} \times 100 = 5.3\%$

It is therefore proposed that 5.3% of the funds for projects D12 and D13 will come from industrial development in the Dobney/Pearson industrial areas.

This represents  $17,225 (\$200,000 + 125,000) \times 5.3\%$   
 The contribution per average development would be \$191.39 (17,225/90)

### 3.6.5 Sample Calculations Industrial Developments

#### Example 1

Suppose a development application was received for a factory in Saxon Street. Details on the development application showed a site area of 0.26 ha with the roof area being 35% of the total area. The development application did not predict the traffic movements expected. The needs generated by the development are Roads, Traffic, Bridges and Drainage.

Traffic Equivalence Site area x 20 = 0.26 x 10 = 2.6 dwellings.

i.e. The development equivalence of the development is considered to be 2.6 dwelling houses.

Drainage Equivalence Roof can be calculated from the roof area and compared to an average dwelling house.

$$\therefore \frac{2.600 \times 0.35}{200} = 4.55 \text{ dwelling houses}$$

Contribution Required

	Equivalence	Contribution per Residence	Inflation Index	Amount
Roads	2.6	389.97	1.0	1,013.92
Traffic	2.6	455.34	1.0	1,183.88
Bridges	2.6	150.01	1.0	390.03
Drainage	4.55	191.39	1.0	870.82
				\$3,458.65

Example No. 2

Suppose an application was made for a factory in Nesbitt Street. The site area is 895 square metres. There were no details supplied with the application on the likely traffic movements. The development is in the Hammond Avenue industrial area and therefore does not need to contribute to any drainage works. The needs generated by the development are for Roads, Traffic, Facilities and Bridges.

An average industrial development is considered to be equivalent to 10 dwellings per hectare of development

$$\therefore \text{Equivalence of the development is } 0.0895 \times 10 = 0.895 \text{ dwellings}$$

Contribution Required

	Equivalence	Contribution per Residence	Inflation Index	Amount
Roads	0.895	389.97	1.0	349.02
Traffic	0.895	455.34	1.0	407.53
Bridges	0.895	150.01	1.0	134.26
				\$890.81

#### 4. POPULATION DISTRIBUTION AND FUTURE GROWTH

##### 4.1 Wagga Wagga Urban Area Population Capacity Estimates

The population of the Wagga Wagga Urban Area ( WWUA ) has increased from 43 407 at the 1986 Census, to 48 019 in the 1991 preliminary Census. This increase in population for the WWUA represents a compound growth rate of approximately 2.04 % p.a., with the greatest rates of development and population increase occurring in the outer, urban fringe suburbs such as Glenfield Park, Estella, Bourkelands and Forest Hill. The more established suburbs such as Mount Austin, Turvey Park and Koorngal are experiencing negligible growth.

A key element in the contributions plan, is the 'nexus' between the anticipated types of development and the need for additional public services and / or amenities. In order to justify this link, future population capacity and growth need to be considered. The estimated population capacities ( see Table 3 ) have been established for each suburb of the WWUA to provide basic demographic estimates to plan for these public amenities and services.

**Table 3 : Population Capacity Estimates, By Suburb, Wagga Wagga Urban Area**

SUBURB	1991 Census *****	Additional Population * (excluding 1(e))	Estimated Population Capacity **	Percentage of Population Cap. As At 1991 (%)	Zoned 1 (e) Future Urban Est. Popn.	Estimated Population Cap.+ 1 (e) Future Urban Population ***
<i>Northern</i>						
Bomen	40	0	40	100	0	40
Boorooma	762	1801	2563	30	2157	4720
Cartwrights Hill	222	2790	3012	74	2109	5121
Estella *****	508	1975	2483	21	1824	4307
Glenora	0	0	0	0	5130	5130
Gobbagumbalin	0	0	0	0	4560	4560
Hillgrove	0	0	0	0	4275	4275
North Wagga	586	0	586	100	0	586
St Elmo	0	0	0	0	4845	4845
<b>Northern Total</b>	<b>2118</b>	<b>6566</b>	<b>8684</b>	<b>24%</b>	<b>24900</b>	<b>33584</b>
<i>Southern</i>						
Bourkelands *****	394	3075	3469	11	0	3469
Glenfield Park *****	2124	3052	5176	41	0	5176
Kenyon Grove	0	0	0	0	2508	2508
Lake Albert *****	5513	812	6325	87	0	6325
Lloyd	0	713	713	0	2907	3620
Tatton	150	872	1022	15	3021	4043
<b>Southern Total</b>	<b>8181</b>	<b>8524</b>	<b>16705</b>	<b>49%</b>	<b>8436</b>	<b>25141</b>
<i>Central Area</i>						
Ashmont *****	4286	264	4550	95	0	4550
Koorngal *****	7529	895	8424	89	0	8424
Mount Austin *****	4608	103	4788	96	0	4788
Tolland	4134	548	4682	88	0	4682
Turvey Park *****	2890	260	3150	92	0	3150
W. W. Central *****	9978	4999	14977	67	0	14977
<b>Central Total</b>	<b>33425</b>	<b>7069</b>	<b>40571</b>	<b>82%</b>	<b>0</b>	<b>40571</b>
<i>Outer Area</i>						
Forest Hill	2484	1633	4117	60	0	4117
Gumly Gumly	154	0	154	100	0	154
Kapooka M.A.	954	0	954	100	0	954
San Isidore	279	18	297	94	0	297
Springvale ****	424	1660	2084	20	0	2084
<b>Outer Total</b>	<b>4295</b>	<b>3311</b>	<b>7606</b>	<b>56%</b>	<b>0</b>	<b>7606</b>
<b>TOTAL</b>	<b>48019</b>	<b>25470</b>	<b>73566</b>	<b>65%</b>	<b>33336</b>	<b>106902</b>

Notes :

- \* Additional Population- includes the calculated undeveloped residential zoned land consumed at 10 dwellings / ha, (as per WW LEP, 1985) the calculated redevelopment of existing housing stock and Dual Occupancy developments, but excludes land zoned 1 (e) future urban.
- \*\* Estimated Population Capacity- is the total estimated population as per WW LEP, 1985, and W W Rural LEP, 1991, (ie. additional population plus the 1991 Census preliminary population figures ) for each suburb of the Wagga Wagga Urban Area. ( NB. This estimate excludes zoned 1(e) Future Urban Areas.)
- \*\*\* Future Urban Population- is the calculated population for zoned 1 (e) Future Urban Areas of the City of Wagga Wagga. The estimate includes the addition of the population capacities for each suburb also. (NB. The following suburb names are yet to be adopted by Council; Glenora, Gobbagumbalin, Hillgrove, Kenyon Grove and St Elmo.)
- \*\*\*\* Springvale expansion area to the west developed as 2 Ha lots (ie.0.6 dwellings / Ha), as per the Wagga Wagga Rural LEP, 1991, with a maximum capacity of 506 lots.
- \*\*\*\*\* Substantial opportunities exist for dual occupancy development and redevelopment at 1 dwelling / 375 sqm in the following suburbs; Ashmont, Koorungal, Lake Albert, Turvey Park, Central Wagga, Glenfield Park, Estella and Bourkelands.
- \*\*\*\*\* These population figures are preliminary data from the 1991 Census.

In estimating the population capacities for each suburb of the WWUA, the following principles or assumptions have been incorporated:

- \* the presently undeveloped 2 (a) - General Residential, subzoned land will be developed at an average density of 10 dwellings per residential hectare;
- \* in certain locations - generally in the 2 (c) - Medium Density, subzoned land, vacant land and the existing outdated housing stock will be developed or redeveloped at the rate of 1 dwelling per 240 sq. metres of site area;
- \* the provision of dual - occupancy dwellings ( ie. two dwellings either attached or detached on the one standard residential allotment ), under State and Local planning policies will occur to varying degrees in each residential suburb. Generally this will apply to up to 15 % of all standard lots depending on the suburb;
- \* existing and proposed Rural-Residential and Small Holding areas as designated in certain peripheral areas within the defined Wagga Wagga Urban Area ( such as Springvale and Lake Albert ) will be developed to their full potential, 1 dwelling per 0.6 to 2 hectares; and
- \* the presently undeveloped 1 (e) - Future Urban, subzoned land will be developed at an average density of 10 dwellings per residential hectare upon such lands being rezoned.

The final estimated population capacity, for the Wagga Wagga Urban Area, as at February 1, 1993, is 106 902 people. Of this total estimated population capacity (based on existing and future zoned areas ), the Northern suburbs ( ie. Bomen, Boorooma, Cartwrights Hill, Estella, "Glenora", "Gobbagumbalin", "Hillgrove", North Wagga and "St Elmo") entail some 33 584 (or 31 %) people; the Southern suburbs ( ie. Bourkelands, Glenfield Park, "Kenyon Grove", Lake Albert, Lloyd and Tatton ) comprise some 25 860 ( or 24 %) people; the central suburbs ( ie. Ashmont, Koorungal, Mount Austin, Tolland, Turvey Park and Wagga Wagga Central ) include some 40 751 ( or 38%) people and the outer suburbs ( ie. Forest Hill, Gumly Gumly, Kapooka M.A., San Isidore and Springvale ) comprise some 7 606 ( or 7%) people.

The suburb names of Glenora, Gobbagumbalin, Hillgrove and St Elmo refer to future urban areas to the north and Kenyon Grove is a future urban area to the south. These names have not been adopted by Council.

## 4.2 Wagga Wagga Urban Area Population Projections 1992-2004

Table 4 represents population projections for each suburb of the Wagga Wagga Urban Area. The two yearly population projections, from 1992 - 2004, were essentially extrapolated from 1986 to 1991 population and development statistics, sourced from both the City of Wagga Wagga and the Australian Bureau of Statistics.

The population projections (1992 - 2004) were based on dwelling forecasts extrapolated at 2.7 % p.a. growth in housing stock 1987 - 1991 (inclusive), through to the year 2004. To derive population projections on two yearly intervals through to 2004, the dwelling stock addition's were multiplied by the 1991 dwelling occupancy ratio for the Wagga Wagga Urban Area as a whole, i.e. 2.85 persons per dwelling.

While it is generally considered that across the board, the occupancy ratio will probably continue to decline through to 2004, it is difficult to determine exact figures. Further, after considering the disparate figures for individual suburbs released in preliminary form from the 1991 Census it was considered that the degree of variability was too high to allow meaningful forecasts over a twelve year period. Therefore, the occupancy ratio has been held constant through to 2004. This issue will be further investigated in the light of the 1991 Census final figures, due for release in late 1993, with a view to possible review of the Section. 94 Plan in 1994.

Table 4 : Population Projections 1992 - 2004 ( Wagga Wagga Urban Area )

SUBURB	1991	1992	1994	1996	1998	2000	2002	2004
<i>Northern</i>								
Bomen	40	40	40	40	40	40	40	40
Boorooma	762	765	797	869	998	1167	1338	1509
Cartwrights Hill	222	231	283	383	512	710	853	1052
Estella	508	636	950	1292	1635	2005	2375*	2754
North Wagga	586	586	586	586	586	586	586	586
<i>Northern Total</i>	<b>2118</b>	<b>2258</b>	<b>2656</b>	<b>3170</b>	<b>3771</b>	<b>4508</b>	<b>5192</b>	<b>5941</b>
<i>Southern</i>								
Bourkelands	394	466	679	907	1135	1363	1397	2092
Glenfield Park	2124	2409	2979	3549	4119	4661	4918	5176
Lake Albert	5513	5585	5642	5670	5698	5726	5754	5782
Lloyd	0	43	129	215	329	501	673	1113
Tatton	150	222	450	678	866	1054 *	1283	1568
<i>Southern Total</i>	<b>8181</b>	<b>8725</b>	<b>9879</b>	<b>11019</b>	<b>12147</b>	<b>13348</b>	<b>13796</b>	<b>15731</b>
<i>Central Area</i>								
Ashmunt	4286	4329	4415	4501	4550	4550	4550	4550
Koorngal	7529	7615	7758	7872	7986	8100	8171	8205
Mount Austin	4608	4617	4635	4653	4671	4689	4707	4725
Tolland	4134	4163	4221	4279	4337	4337	4337	4337
Turvey Park	2890	2910	2950	2990	3030	3070	3110	3150
Wagga Wagga Central	9978	10163	10453	10709	10965	11221	11477	11733
<i>Central Total</i>	<b>33425</b>	<b>33797</b>	<b>34432</b>	<b>35004</b>	<b>35539</b>	<b>35967</b>	<b>36352</b>	<b>36700</b>
<i>Outer Area</i>								
Forest Hill	2484	2556	2728	2900	3128	3357	3585	3830
Gumly Gumly	154	154	154	154	154	154	154	154
Kapooka M.A.	954	954	954	954	954	954	954	954
San Isidore	279	282	288	294	297	297	297	297
Springvale	424	433	462	496	554	626	712	798
<i>Outer Total</i>	<b>4295</b>	<b>4379</b>	<b>4586</b>	<b>4798</b>	<b>5087</b>	<b>5388</b>	<b>5702</b>	<b>6054</b>
<b>TOTAL WWUA</b>	<b>48019</b>	<b>49159</b>	<b>51469</b>	<b>53991</b>	<b>56544</b>	<b>59211</b>	<b>61677</b>	<b>64405</b>

Notes :

- \* Rezoning from 1 (e) Future Urban residential land ( as per WW LEP, 1985 ) to residential 2 (a) in the following suburbs; Estell, Tatton and Lloyd. Based on these projections and population capacity estimates from Table 3, would be rezoned around 2004.
- \*\* 1991 Census of Population and Housing ( Preliminary Data ).

Table 5. Wagga Wagga Urban Area Dwelling Projections 1992-2004

SUBURB	1993 (June)	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
Ashmont / San Isidore	9	16	16	16	16	2	0	0	0	0	0	0	75
Booroona	1	10	10	15	15	30	30	30	30	30	30	30	261
Bourkelands	20	35	40	40	40	40	40	40	55	55	68	78	551
Cartwrights Hill	2	15	15	20	20	25	35	35	35	35	35	35	307
Estella	25	60	60	60	60	60	65	65	65	65	65	68	718
Forest Hill	15	30	30	30	40	40	40	40	40	40	40	43	428
Glenfield Park	50	100	100	100	100	100	100	90	90	90	90	74	1084
Koorngal	15	20	20	20	20	20	20	20	19	6	6	6	192
Lake Albert	7	5	5	5	5	5	5	5	5	5	5	5	62
Lloyd	7	15	15	15	20	20	35	40	40	50	50	60	367
Mount Austin	2	3	3	3	3	3	3	3	3	3	3	3	35
Tatton	20	40	40	40	40	40	26	40	40	40	40	60	466
Tolland	5	10	10	10	10	10	0	0	0	0	0	0	55
Turvey Park	3	7	7	7	7	7	7	7	7	7	7	7	80
Wagga Wagga Central	27	45	45	45	45	45	45	45	45	45	45	45	522
<b>TOTAL</b>	<b>208</b>	<b>411</b>	<b>416</b>	<b>426</b>	<b>441</b>	<b>447</b>	<b>451</b>	<b>460</b>	<b>474</b>	<b>471</b>	<b>484</b>	<b>514</b>	<b>5203</b>

## **5. ENGINEERING SERVICES**

### **5.1 Introduction**

Full details of the projects in all engineering services are detailed in the Appendices II and III to this Plan. The appendices contain descriptions of all projects with detailed benefits to developing areas; apportionment of costs of projects to existing and growth sectors, relationship with the Capital Works programs.

### **5.2 Arterial Roads**

Works on arterial roads which are required because of increased traffic due to urban development are detailed. A total of 15 projects with estimated cost of \$2.029 million are required in the next 12 years. These projects include Lake Albert Road widening; Red Hill Road new carriageway; Mangoplah Road widening, Copland Street construction east of Koorinal Road and Boorooma Street widening.

The benefit of arterial road improvements have been shared equally to all new allotments.

### **5.3 Urban Bridges**

The Travers Street Bridge involving replacement of the Hampden Bridge is the only bridge project to be incorporated into this Plan. The total cost of this bridge is \$4 million, of which \$800,000 will come from this Section 94 Plan.

### **5.4 Traffic Facilities**

Seventeen traffic facilities are proposed mainly at intersections of arterial roads at a total cost of \$2.75 million. These include 9 roundabouts and 7 sets of traffic lights. The Section 94 component of the cost of these works is \$2.405 million.

In general, the benefits have been equally distributed between all new allotments. The exception is in the C.B.D. south, where specific benefits have been attributed to this area. The funding of traffic facilities is predominantly sourced from Section 94 contributions.

### **5.5 Sewerage**

No sewerage contributions will be required under Section 94 of the Environmental Planning and Assessment Act, 1979.

Contributions for sewerage works are required under Part 3, Division 2 of the Water Supply Authorities Act 1979. The calculations and principles contained in this document form the basis for calculation of sewerage contributions under Council's "Developer Contributions for Sewerage Works 1993" policy.

Further information on sewerage contributions can be obtained by contacting Council's Department of Engineering and Technical Services.

## **5.6 Drainage**

Twenty-three individual projects have been included in various parts of the city. These include "Trickle Flow" pipes in existing open drains, stormwater pump stations, open drain lining and contour banking on Willans Hill.

The total cost is \$2.57 million of which \$1.98 million will be raised from Section 94.

The benefits of the various projects have been allocated to the contributing developing areas within the relative sub-catchments.

## **5.7 Footpaths**

A program of new footpath construction of 20.6 kilometres has been developed having a total cost of \$0.83 million. Section 94 contribution totalling \$0.74 million will be supported by a ratepayer funded capital works program.

The benefits of individual projects have been allocated to the area benefiting.

## **5.8 Cycleways**

This contribution scheme proposes a large increase in expenditure of cycleways. Government grants are envisaged to be available to match any Council funding. The projects selected are those presented in the Wagga Wagga Bike Plan. Expenditure from the Section 94 contribution plan totals \$18,350.



## **6. OPEN SPACE & RECREATION FACILITIES**

### **6.1 Introduction**

The purpose of this section of the plan is to demonstrate the nexus or clear link between future development in the City and the need for additional and / or improved open space and recreation facilities. The plan also makes clear Council's intentions regarding the type, timing and method of payment of contributions for open space and recreational facility provision over a twelve year period (1992-2004).

Open space and recreational facilities provided in the City of Wagga Wagga have been assessed as occupying a city-wide catchment. As a result, this plan provides that nexus or link between development and elements of the schedule of works and is to include the total city / LGA as the catchment for all development.

### **6.2 Nexus between future development and Recreational Facilities and Open Space**

At the 1991 Census of population and housing, the Wagga Wagga Urban Area had a preliminary population of 48 019 people. This Plan has a projected population of just under 64,500 persons to 2004 and a 5,203 dwelling increase in the City's housing stock. This new development and population growth will give rise to open space and recreation facilities needs at both a city-wide and local level.

Within the City of Wagga Wagga, subdivision and /or new or redeveloping residential development on vacant land are expected to occur in the 12 year lifespan of the contributions plan. Therefore, any development resulting in a net increase in the city's population will create extra demand on open space and recreation facilities.

On a city-wide basis, this demand for new or upgraded sporting facilities are created by population growth applying pressure on the city's existing facilities. However, the new developing areas of the city and the existing developed areas will benefit from the provision of these facilities.

On a local level, new release areas create a demand for local open space, parks and recreation facilities such as children's playgrounds. Therefore, these new local residents of the new developing areas are the source of the demand for these facilities.

In order to maintain the existing level of amenity enjoyed by residents in regards to open space and recreation facilities throughout the city, it is appropriate that the potential incoming population contribute towards such amenity in terms of embellishment of open space and recreation facilities. However, any additional open space / recreation facilities or embellishment of existing open space will benefit the whole City, and thus the cost is apportioned between new development and Council.

## 6.3 Existing Open Space Provision and Recreational Opportunity

### 6.3.1 Wagga Wagga Urban Area Existing Recreation Facility Provision

Table 6 represents the inventory of existing recreation / sports facilities in the City of Wagga Wagga. This table provides a summary of existing sports reserves and facilities within the City, defined by sporting activities. The information contained in this table is extracted from the City of Wagga Wagga Recreation Study undertaken by Council in July, 1984 and updated from information supplied by Council officers.

**Table 6: Inventory of Existing Sports Facilities**

	Soccer	Rugby League	Rugby Union	Aust. Rules	Hockey	Cricket	Base-ball	Soft-ball	Athletics	Tennis	Net-ball	Play-ground	Parks	Toilets	Change-room	Kiosk	Bike Track	Storeroom
Ashmont Oval				1		1						1		1	1			
Collingullie				1		1				4				1	1	1		
Best Park						2												
Currawarna	( Multi-purpose oval )											1						
Bolton Park		3				3					10	1		1	1			
Uranguinty				1						3				1	1			
Bruce St Oval				1			1							1	1	1		
Tarcutta	( Multi-purpose oval )					1				3								
Cricket Ground			1			1								1	1	1	1	
San Isidore	( Multi-purpose oval )					1				2				1	1			
Duke of Kent	3					2								1	1			
Oura Rec. Res.	( Multi-purpose oval )					1				3				1				Hall
Forest Hill			1			1								1	1	1		
Mangoplah				1		1				2				1	1			
French Field	2							1						1		1		1
Humula	( Multi-purpose oval )					1												
Gissing Oval	1					1						1		1	1	1		
Kessler Park	3											1		1		1		1
Anderson Oval				1		1								1		1		
Harris Park			1			1						1		1	1	1		
Henwood Park	1	1				2						1		1				1
Jubilee Park					18				1			1		1	1	1		Clubroom
Lake Oval				1		1								1	1			
McPherson Ova				1										1	1	1		Cont. Box
Rawlings Park	5					1								1	1	1		1
Robertson Oval				1		1								1	1	1		Clubroom
Wiradjuri						3								1				
Ladysmith	( Multi-purpose oval )																	
Private	1	4	3	2						56								

The existing provision of sports facilities in the City includes the following; 73 tennis courts, 11 australian rules fields, 16 soccer fields, 10 netball courts, 27 cricket grounds, 8 rugby league fields, 6 rugby union fields, 6 multi-purpose ovals and 1 athletics track to name a few. It can be concluded from this inventory, however, that the distribution of Council controlled sports facilities are concentrated in the City centre. Further, many of these facilities provided at places such as Rawlings Park and Jubilee Park are city - wide sporting facilities and as such serve a local and City wide recreational demand.

In order to establish the appropriateness of this existing recreation / sports facility provision, an appraisal by model standards and a comparative analysis with other Local Government Areas has been completed.

### **6.3.2 Comparison of Sports Facilities Provision ( WWUA )**

Table 7 provides a comparison of sports facilities provision in the City of Wagga Wagga with other Local Government Areas and model standards adopted by government authorities such as the National Capital Development Corporation and the NSW Department of Planning.

Typically, there is an expectation of a high standard for recreation (ie. organised recreation) in the City of Wagga Wagga. A comparison of the existing facilities in Wagga Wagga relative to "standards" adopted in other LGA's such as Fairfield, Lake Macquarie and Tamworth has shown that the City is well provided for in many sports activities such as cricket, tennis and australian rules.

It is worthy to note that the City has an existing high standard of active sports facilities. Further, this provision of sports facilities matches many of the model standards set by other Councils and statutory departments. However, there would appear to be an under provision in the areas of netball and rugby union in particular. There is also a need for additional swimming and indoor sports facilities. The need for these will obviously increase with population growth over the projected period.

**Table 7: Comparison of Sports Facilities**

	Dept. Sport Rec. & Racing	Dept. of Planning	N.C.D.C	Blacktown Proposed	Fairfield City Council	Lake Macquarie City (Existing)	Tamworth City (Existing)	Wagga Wagga City (Existing)
<i>Sports Facility</i>	<i>Population Catchment</i>	<i>Popn. Catchment</i>	<i>Popn. Catchm.</i>	<i>Popn. Catchm.</i>	<i>Popn. Catchm.</i>	<i>Population Catchment</i>	<i>Population Catchment</i>	<i>Population Catchment</i>
Athletics	N/A	N/A	N/A	1: 30 000	1: 65 000	1: 18 000	1: 17 000	1: 50 000
Track Australian Rules	N/A	(Comb Foot.)	N/A	1: 50 000	N/A	1: 79 000	1: 3000	1: 7000
Baseball	N/A	N/A	N/A	1: 11 000	1: 24 000	1: 18 000	1: 6000	1: 50 000
Diamond Cricket	N/A	1: 2000	1: 2000	1: 4000	1: 3000	1: 3000	1: 2000	1: 2000
Ovals Hockey	N/A	(Comb Foot.)	1: 3000	1: 70 000	1: 60 000	1: 40 000	1: 3000	1: 3000
Field Netball	1: 2000	N/A	1: 1000	1: 3000	1: 2000	1: 7000	1: 1000	1: 5000
Courts Neighbourhood Park	N/A	1: 4000	N/A	1: 4000	N/A	1: 300	1: 400	1: 1000
Playgrounds (0-9 yrs)	N/A	1: 800	N/A	1: 400	1: 1000	1: 1000	1: 1000	1: 1000
R/League	(Comb. Foot.)	1: 1000	(Comb Foot.)	1: 900	1: 9000	1: 6000	1: 3000	1: 8000
Field R/Union	(Comb. Foot.)	(Comb Foot.)	(Comb Foot.)	1: 100 000	1: 40 000	N/A	N/A	1: 17 000
Field Soccer	1: 2000	1: 1000	1: 1000	1: 3000	1: 2000	1: 4000	1: 3000	1: 4000
Field Softball	N/A	N/A	N/A	1: 9000	1: 11 000	N/A	1: 3000	1: 10 000
Diamond Tennis	1: 3000	1: 1000	1: 2000	1: 3000	1: 3000	1: 5000	N/A	1: 1000

### 6.3.3 Wagga Wagga Urban Area Existing Open Space Provision

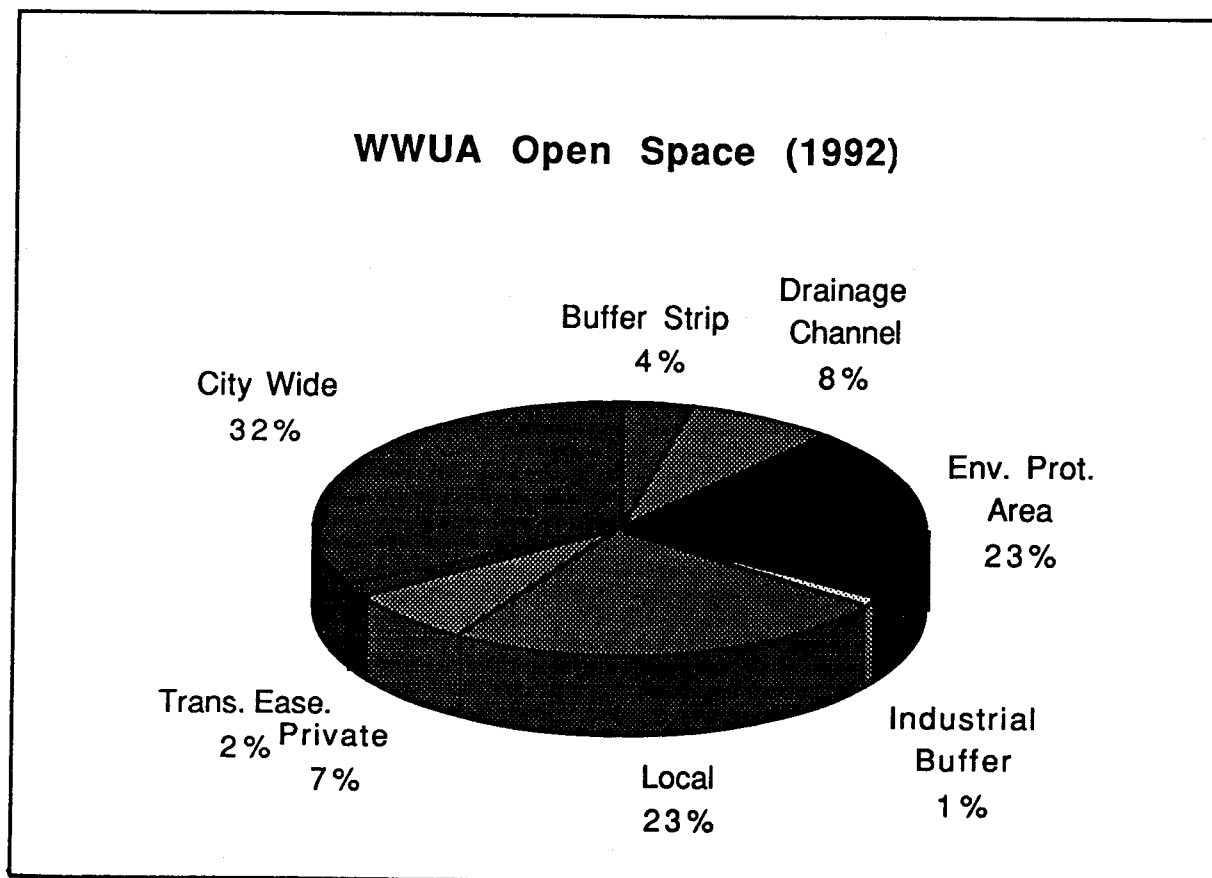
Table 8 provides a summary of existing open space provision within the Wagga Wagga Urban Area, defined by functional open space use. The information contained in the table is extracted from Council's geographic land information system.

**Table 8: Wagga Wagga Urban Area Open Space Summary ( 1992 )**

OPEN SPACE USE	Area(ha)	% OF TOTAL OPEN SPACE
Buffer Strip	71.58	4.16
Drainage Channel	130.27	7.57
Env. Prot. Area	390.73	22.71
Industrial Buffer	15.99	0.93
Local	400.03	23.25
Private	122.5	7.12
Transmission Easement	28.22	1.64
Citywide*	561.08	32.64
<b>TOTAL</b>	<b>1720.40 ha</b>	<b>100 %</b>

The following notes should be read in conjunction with the above figures;

\* City-wide open space includes Hillscap and Waterscape open space use.



From the table above, the Wagga Wagga Urban Area's existing total open space provision (1992) is 1720.40 ha. Of this total, local open space (400ha) and City wide open space (561ha) comprise some 50 % of open space provision.

The need for public open space has long been recognised as a legitimate component of urban development, however the rate of provision has been the source of much debate as the range of recreation demands have changed.

The environmental and social benefits of public open space for residents have been considered sufficient grounds for many years to require developers to supply public open space in association with land development. The traditionally accepted rate for open space provision in NSW has been 2.83 ha per 1000 persons. In Wagga Wagga, historically a higher rate of open space has been provided.

To ensure that the City continues to have sufficient resources for playing fields and public open space to cater for the future sporting and open space demands of an increasing population it is considered that the minimum requirement for public open space provision in new and redeveloping areas be 4 ha per 1000 persons for physical provision of open space. Each open space use identified in Table 8 will be defined further below.

Under the City of Wagga Wagga Development Control Plan, 1986, the open space zoned 6 (a), 6(b) and 6 (c) are divided into the following eight open space uses. These are:

- (i) local
- (ii) City wide
- (iii) buffer strip
- (iv) drainage channel
- (v) transmission easement
- (vi) private
- (vii) industrial buffer; and
- (viii) environmental protection area

For the purposes of differentiating between these open space uses, a definition has been adopted for each. They are as follows;

- (i) Local: open space includes play areas and suburban ovals, realising that local open space also serves a regional need.
- (ii) City wide: open space comprises those major facilities whose primary purpose is for City wide needs (ie. Rawlings Park).
- (iii) Buffer Strip: are tree plantation areas surrounding residential suburbs which serve an aesthetic, noise barrier, wildlife corridor and a pedestrian / cycle function.
- (iv) Drainage Channel: primary function is to convey and store urban storm water runoff. Its secondary function is for a range of recreation purposes such as walkways, cycleways and local playgrounds.
- (v) Transmission Easement: are primarily used for electricity purposes. However, a secondary purpose can include, walkways, cycleways, horse trails and small tree planting. Easements also have some value as local informal recreational areas.
- (vi) Private: open space is commercial recreation / sporting facilities. These include such facilities as the Wagga Wagga showground, the Murrumbidgee Turf Club and golf clubs.
- (vii) Industrial Buffer: are tree plantation areas bordering industrial development. They serve an aesthetic, noise barrier and a wildlife corridor function.

(viii) Environmental Protection Area:

is land which is environmentally sensitive. The primary purpose is to protect significant wildlife habitats, to preserve hillscares and ridgelines, and to promote the preservation, conservation and enhancement of major landscape features and indigenous fauna and flora in the City.

Appendix IV provides a break - up of open space (ha) for each open space use and suburb in the Wagga Wagga Urban Area. Each suburb's open space use (ie. local and drainage channel) was further divided into 'dual - use' open space (ha). 'Dual - use', refers to the simultaneous use of land for drainage (ie. for conveying and storing urban storm water run-off) and open space (ie. for a range of recreation purposes).

## 6.4 Future Open Space and Recreation Provision

### 6.4.1 Local Open Space

The City of Wagga Wagga has historically provided local open space for residential areas. This is used for informal play and various recreation activities. It also plays an important role as local meeting areas for residents and a place within subdivision areas to enable residents to walk to open space areas.

Future open space includes areas for neighbourhood parks, sporting facilities, children's play areas as well as plantation areas. For further detailed information refer to Appendices 2 and 3.

### 6.4.2 City-Wide Open Space

Future provision for city-wide open space includes:

- \* Provision of development of hillscape and environment areas.
- \* Purchase of land for city-wide sporting/recreation facilities.
- \* Development of city-wide sporting facilities to cater for increasing population. This includes projects such as swimming pools, stadium, netball and other sports facilities.
- \* Ongoing development of the City's major park facilities including various developments at Willans Hill and the Botanic Gardens.

## **7. COMMUNITY FACILITIES**

### **7.1 Introduction**

In assessing the community facilities component of Section 94 contributions this section of the plan only looks at the provision of neighbourhood centres and child care facilities.

### **7.2 Facilities to be Provided**

#### **7.2.1 Childcare**

In recent times parents seeking childcare have favoured long day care as opposed to pre-school facilities. Long day care can be provided within a centre or as Family Day Care within a home. The difference in these services is outlined below:-

##### **(i) Long Day Care**

Long day care centres provide for the care and education of children during their parent's working hours and operate for a minimum of 8 hours per day for 48 weeks of the year. Care can be provided for children from birth to 5 years of age and programs provide developmental experience appropriate to the ages and needs of the children.

##### **(ii) Family Day Care**

Family day care schemes are a network of people providing care and activities in their own homes, organised and supported by a central co-ordination unit. In Wagga Wagga there are 2 schemes both sponsored by Council.

Children are cared for in a family environment. The number of care givers varies according to the size of each scheme. Care can also include part day, occasional and outside school hours care.

##### **(ii) Pre-School Services**

Pre-Schools offer programs of developmental activities for children aged between 3 and 5 years. Most centres operate 5 days per week between the hours of 9am and 3pm on a full or half day basis. They only operate in school terms.

With an increasing number of parents remaining in the workforce after the birth of their children it can be argued that long day care centres provide a more convenient and flexible form of care. This is because of the longer hours of operation and the acceptance of children less than 3 years of age. A recent independent study of residents in Estella noted that residents placed the provision of a long day care centre at the top of their list of desired facilities in the suburb.



### 7.2.2 Neighbourhood Centres

Neighbourhood or community centres are considered essential in outer suburbs to provide a meeting place for various groups which in turn gives the area a sense of community.

Such facilities are usually centrally located within a residential area, capable of satisfying a broad range of social demands, such as;

- \* Youth activities
- \* Before and after school care
- \* Vacation care
- \* Early childhood centre
- \* Counselling and welfare
- \* Meeting places for community interest groups, eg. craft groups, playgroups, sporting groups.

It is difficult to assess the population needed to support a multi-purpose centre as it will depend on the size of the centre and the uses to which it will cater. The Department of Planning applies a standard of one centre (650m<sup>2</sup> in area) per 5,500 residents.

With the foregoing in mind it is suggested Council look to providing long day care centres and neighbourhood centres as the base requirement for community facilities. The neighbourhood centre would be utilised to provide a meeting place and other children's facilities such as before and after school care, playgroups and early childhood centres. This multi use concept is feasible when it is considered it is rare for any of the 3 children's services mentioned to operate on an every day basis.

It is envisaged all of the facilities provided would be administered by committees of management.

## 7.3 Statistical Justification

### 7.3.1 Numbers of Children

Preliminary studies have shown that there are 586 children placed in licensed long day care within Wagga Wagga Urban Area comprising 186 centre places and 400 family day care places. Given that there are 3741 children in Wagga Wagga under 5 years of age (1991 Census) and a recommended ratio (State and Federal Government) of 1 long day care centre per 400 children, Wagga Wagga should now have 9.35 centres. There are, in fact, 4 public and 1 private long day care centres within the City.

The figures shown do not take into account children who are transported from surrounding towns and rural areas to utilise the facilities within the City.

The census data for children in the 0-4 category can be summarised as follows:-

The northern suburbs (as detailed in 7.3.2 below) had 151 children in the 0-4 age group at the last census representing 4.04% of the children in the city whilst the south western suburbs had 1195 (32%) and the south eastern suburbs 488 (13%).

### 7.3.2 Siting

It is considered that within the 12 year period of the Section 94 plan long day care centres will be required in the following locations (See Figure 3):-

South western - to service Glenfield Park, Lloyd, Tolland and Bourkelands

South eastern - to service Lake Albert, Springvale and Tatton.

Northern - to service Estella, Boorooma and Cartwright's Hill.

It can be seen that although these areas do not currently house the majority of children in the target category the rapid development in the identified area will mean they will have a rapidly increasing ratio of inhabitants in this age group. It can also be assumed that these new release areas will become home to a high proportion of young couples with both parents to be in the workforce therefore making long day care centres a high priority.

The demand assumptions are based on the following data:

**Table 9: Wagga Wagga Residential Development Monitor**

Area	Actual supply of lots	Potential supply of lots	Total supply of lots
South western	2319	1756	4075
South eastern	1839	658	2497
Northern	310	1577	1887

In this table the *total supply of lots* reflects the total estimated residential lot potential within zoned residential areas in each of these areas. The *actual supply of lots* refers to lots which have been created by subdivision and which are immediately available for development. The *potential supply of lots* refers to additional lots within the zoned areas which are yet to be subdivided and/or serviced.

By using historical development rates it is possible to make projections of increases in dwellings in each of the three identified areas.

It is estimated that an additional 3991 dwellings will be constructed in the 3 identified areas between 1993 and 2004.

## 7.4 Determination of Contribution Rates

As indicated earlier the perceived minimum needs of the City are for a neighbourhood centre located in the South West area and long day care centres in the other 3 sectors as indicated.

The cost of land acquisition and construction for the facilities are apportioned to the new residential lots which would benefit from the new facility (See Table 10). The costs are divided by the potential total number of tenements expected in each development area as well as those existing tenements likely to benefit from the facility.

**Table 10: Community Facilities Works/Acquisition Program**

Location	Description	Land Acquisition Cost (\$)	Construction cost (\$)	Total cost (\$)	No. of lots to benefit	Allocation of Cost Per Residential Lot		
						Acquire Land (\$)	Construct (\$)	TOTAL (\$)
South Eastern	Long Day Care Centre	80000	300000	380000	2497	31	115	146
South Western	Long Day Care Centre	80000	300000	380000	4075	14	52	66
Northern	Long Day Care Centre	80000	300000	380000	1887	36	136	173
South Western	Community Centre	100000	450000	550000	4075	17	78	95

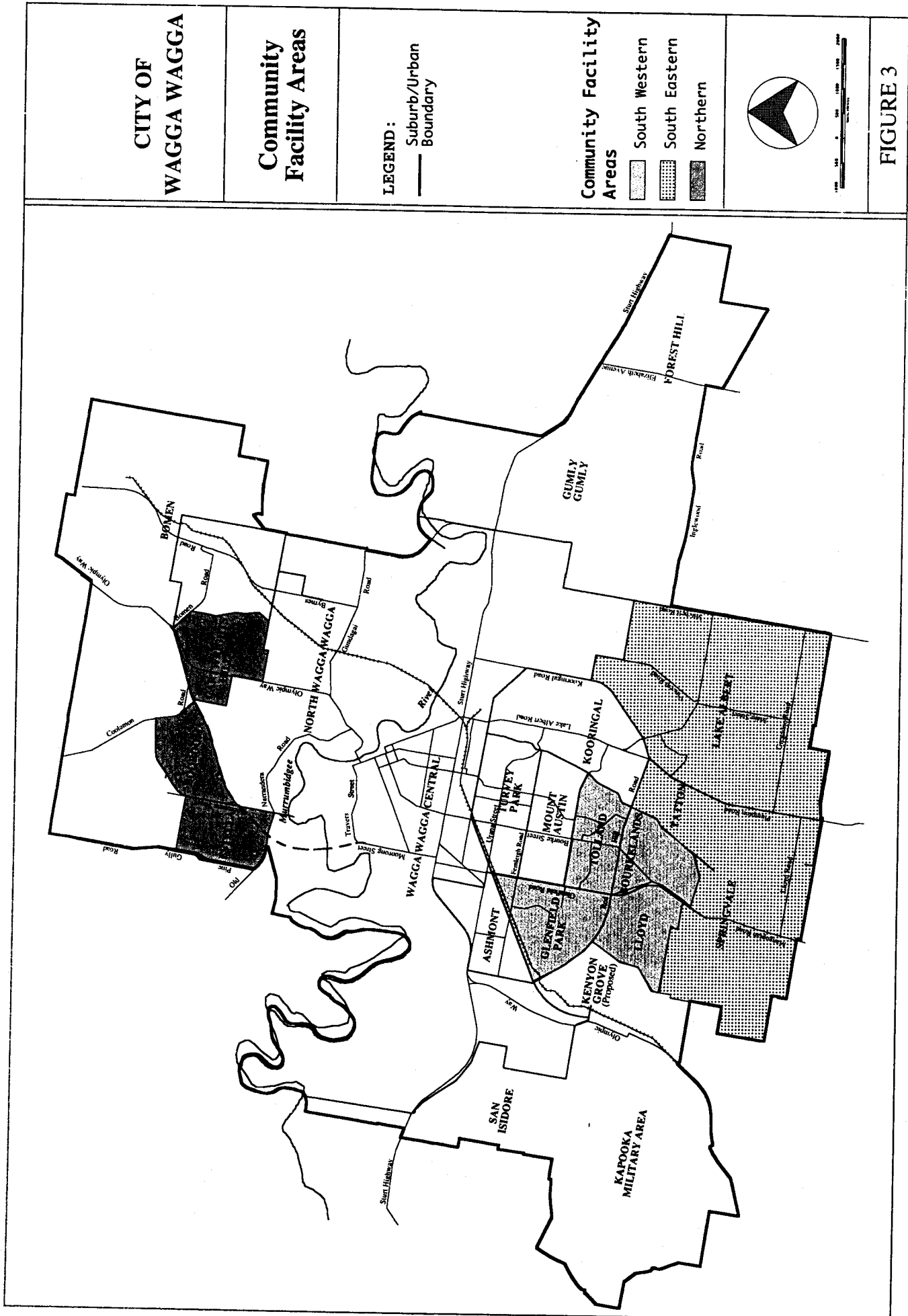
## 7.5 Funding from Council Sources

### 7.5.1 Long Day Care Centres

With the scenario outlined above it can be seen Council could collect approximately \$501,600 for the provision of 3 long day care centres. The total cost of these facilities is, however, \$1,104,000 leaving a shortfall of \$638,400. This is the amount which would need to be contributed by existing residents within the sphere of influence of the centres and would need to be found from Council's funds. Some of this shortfall could be met by the donation of land which could account for as much as \$240,000. Other sources of funding could be grants from the Commonwealth for capital works, fundraising by residents, capital currently held in the Section 94 fund for community services (\$55,000) (anticipated amount for August 1993 and/or direct funding from Council.

### 7.5.2 Neighbourhood Centre

The Section 94 income for such a centre would be \$176,000 and the shortfall would total \$374,000. The land component of this proposal is estimated at \$100,000 and the balance of funds could be sourced in the same way as the long day care centres. An additional funding source in this instance is the possibility of contributions from potential users such as the Department of Health in the case of the early childhood centre.



## 7.6 Schedule of Contribution Rates for Community Facilities

The plan applies to all forms of residential development within the Wagga Wagga City Council urban area, except the following:

- (a) erection of a single dwelling house on an existing vacant allotment of land;
- (b) alterations or additions to a single dwelling house where such alterations do not create a dual occupancy dwelling; and
- (c) a subdivision of land which does not involve the creation of any additional allotments.

It is anticipated Council would require development applications for non-profit developments, such as senior citizens housing to be accompanied by a statement of public benefit to enable it to assess the extent, if any, of contributions to be paid.

All contributions are to be assessed on an "equivalent tenement" (ET) basis. Residential flats and other forms of non-standard housing are to be assessed on the following basis;

One Bedroom Dwelling	=	0.33 ET
Two Bedroom Dwelling	=	0.67 ET
Three Bedroom Dwelling	=	1.00 ET

Any room which is capable of being used as a separate bedroom is defined as a bedroom for the purpose of calculating contributions. No additional charge applies where the number of bedrooms exceeds three except in the case of boarding houses or group homes where every three bedrooms will be considered to represent one equivalent tenement.

Table 11 provides a summary of the contribution rates that would be applicable to various forms of residential development in urban development areas of the City based on the equivalent tenement ratios set out above. No contributions would be levied in respect of community facilities for commercial or industrial activities.

**Table 11: Summary of Community Facilities Contribution Rates (\$)**

DEVELOPMENT AREA	Subdivided Lot 1 ET	3-Bed Dwelling 1-ET	2-Bed Dwelling 0.67-ET	1-Bed Dwelling 0.33-ET
South West	161	161	108	53
South East	146	146	98	48
Northern	173	173	116	57

## 8. COMMERCIAL/RETAIL DEVELOPMENT

### 8.1 Introduction

This section of the plan refers to contributions to be obtained resulting from retail and commercial developments in the Central Business District.

The Central Business District has been considered in two distinct sectors; viz. CBD (South) and CBD (North). The boundary of the two sectors is the Wollundry Lagoon.

### 8.2 Forecast Development

Table 12 shows the forecast development for the 12 year period 1992-2004 for retail and commercial uses in the northern and southern sectors of the Central Business District.

**Table 12: Forecast of Commercial/Retail Floorspace 1993-2004**

	Extra Retail (m2)	Extra Commercial Floorspace (m2)	Total (m2)
CBD South	25,800	8,400	34,200
CBD North	1,300	4,100	5,400
<b>TOTAL</b>	<b>27,100</b>	<b>12,500</b>	<b>39,600</b>

The southern area of the CBD will get the majority of development.

A further breakdown of development forecasts in the CBD (South) is:

Ground floor development (including retail on Woolworths carpark or similar)	29,200 sq. m
First floor development	5,000 sq. m
	<hr/>
	34,200 sq.m
	<hr/>

### 8.3 Needs Generated - CBD (South)

In the CBD (South) the following needs have been determined as being caused by the forecast development:-

- Carparking
- Traffic Facilities

### 8.3.1 Carparking

It has been calculated that the additional employees requiring long term carparking in the CBD and to a limited degree some short term parking provision will require the provision of an extra 615 carparks in the CBD. Some capacity exists in peripheral locations in the CBD (South) and allowance has been made for 215 spaces to be taken in existing kerbside locations which are currently vacant.

There is a need to construct 400 new carparks. It is likely that some spaces will be provided at ground level and some in multi level facilities. Council holds some undeveloped sites but will need to purchase further sites. The off-street carparking needs have been estimated to cost \$2,790,000. These funds have been apportioned as follows:

CBD (South) - 29,200 m2 @ \$17.60 + 5000 m2 @ \$8.80	=	558,000
Residential Development - 5,300 lots @ \$105 per lot	=	558,000
Council Capital Works Program		<u>1,674,000</u>
		<u>2,790,000</u>

The apportioning of the burden of development costs of carparking had taken into account the reasonableness and ability to pay of the various sectors of the community.

In the case of CBD development, Council's policy allows for the developer to make an "in lieu of" payment where on-site carparking cannot be provided. This provision provides for inability to provide required on site parking (usually shopper parking) and is distinct from the long term parking being considered above.

"In lieu of" contribution rates reflect the cost to Council of acquiring land and constructing carparks in the Central Business District for this purpose. The rates vary according to changes in land values and construction costs.

Current "in lieu of" contribution rates can be obtained by contacting Council's Department of Planning and Development Services.

### 8.3.2 Traffic Facilities

The extra traffic generated in the CBD will require intersection improvements of six locations:

Baylis/Morgan  
Baylis/Tompson  
Baylis/Morrow  
Forsyth/Peter  
Morgan/Tarcutta  
Morrow/Tarcutta

The Baylis/Morgan Street intersection has been apportioned 20% to S.94 and 80% to the capital works program because the need for intersection improvements has already been identified recognising also that the growth sector will also benefit.

The estimated cost is 5 @ 150,000	=	\$750,000
1 @ (20% of \$150,000)		<u>\$ 30,000</u>
		<u>\$780,000</u>

The cost has been apportioned equally between the origin and the destination of the vehicular car trips; i.e. \$390,000 to CBD South and \$390,000 to the various suburbs.

With the completion of the roundabout in Forsyth/Berry the CBD in mid 1993 the CBD traffic situation is satisfactory. That is, the level of delay, congestion and accident potential is satisfactory. While there is a desire to have less delays at Tompson/Baylis and Morrow/Baylis, the use of existing traffic lights at Edward/Baylis, Baylis/Forsyth and Johnston/Fitzmaurice gives a satisfactory level of access across Baylis Street. The exception as discussed above is the Morgan/Baylis Streets intersection.

As further development occurs the impact on traffic will generate the need to progressively improve the six locations listed above possible in the order listed. The cost of these improvements have therefore been apportioned to the growth sector of the community with half (\$390,000) being assigned to the developers in the CBD (South) and \$390,000 to the residential developers.

The income expected for CBD traffic improvements is:

29,200 m2 @ \$12.40 per m2 and 5,000 m2 @ \$6.20 per m2 = \$390,000

### 8.3.3 Total Contributions - CBD (South)

	<u>Ground Floor</u>	<u>First Floor</u>
Parking	\$17.60	\$8.80
Traffic Improvement	<u>\$12.40</u>	<u>\$6.20</u>
	<u>\$30.00 / m2</u>	<u>\$15.00 / m2</u>

### 8.4 Central Business District (North)

This sector of the CBD has had retail and commercial activity decline in the last 10 to 15 years. There is, therefore, some spare capacity with respect to parking. Based on the forecast growth it has been calculated that there will be no impact for further works amenities or services resulting from that growth. It is, therefore, not proposed to levee Section 94 contributions in the northern CBD in the same way as the southern sector.



## **9. INDUSTRIAL DEVELOPMENTS**

### **9.1 Introduction**

The following comments give some explanation of the proposed method for assessing the amount of Section 94 contribution required for industrial developments.

There are three broad industrial areas in Wagga Wagga; viz, Bomen, Hammond Avenue and Dobney Avenue/Fernleigh Road.

### **9.2 Bomen Industrial Estate**

With respect to Bomen, Council will encourage heavy industry to this location and has given generous incentives to developers able to locate industry to this area. Since the major impact of large industry establishing in Bomen is in terms of environmental safeguards, these needs have to be assessed in detail. The cost of some infrastructure is millions of dollars and is seen as too big an imposition to place on an unknown number (and nature) of future developers. The cost, if recovered from Section 94 Contributions, would be a disincentive to Wagga Wagga's industrial growth.

It is not proposed to therefore include in this Section 94 Contribution Scheme the recovery of infrastructure improvement costs in the Bomen areas other than those of a specific and minor nature associated with the detailed needs of a particular developer.

The only general project included in this plan is an item for the provision of environmental monitoring devices in Bomen. These instruments will be established in the next few years from Council's Capital Works Program and funds recovered from each development which establishes in the Bomen area. The exact details of the extent of these devices, cost and recovery principle will have to be examined and included as an amendment to this plan following the development of the project further.

### **9.3 Hammond Avenue, Dobney Avenue, Pearson Street and Fernleigh Road Industrial Estates**

With respect to industrial development in the Hammond Avenue and Dobney Avenue/Fernleigh Road areas, Section 94 contributions will be sought from all developers on a similar basis to the previous plan.

There will be no Section 94 contribution sought on the subdivision of the land. Each industrial development will be assessed on the facts submitted with the development application to determine its impact on Council's needs of various services.

These services will include roads, traffic facilities, bridges in the case of the Hammond Avenue industrial estate and roads, traffic facilities, bridges and drainage for the Dobney Avenue/Pearson Street and Fernleigh Road estates. No contributions will be sought for recreation, community facilities or CBD carparking in industrial developments.

When developments are being assessed (at development application stage) it will be necessary to determine the impact of the development relative to the impact of a detached dwelling. That is, if the traffic impact of a development is equivalent to 10 detached dwellings then the development will contribute 10 times the contribution rate for roads, traffic facilities and bridges as would a detached dwelling (all detached dwellings in the city pay the same Section 94 contribution amount for these function regardless of their location).

In the Dobney Avenue/Pearson Street and Ferleigh Road industrial areas, there will be a need to contribute to drainage works in the Pearson Street/Saxon Street areas. Each development will be required to contribute an amount equivalent to the relative impact of a detached dwelling.

Section 3.6 of this plan sets out the research that has been done to establish the "nexus" and typical calculations for industrial development.

## **10. WASTE DISPOSAL**

### **10.1 Introduction**

Council has been operating a waste disposal facility in Ashfords Road, Gregadoo since 1981. All solid waste originating from the urban area of Wagga Wagga has been disposed of at this facility. An exception to this has occurred at the hard (clean) fill site at Brick Kiln Reserve, Eunony Road.

As the current site was nearing its useful life a decision was made by Council in late 1990 to pursue the expansion of the existing facility onto adjoining land.

The land acquired consists of 180 hectares and should provide satisfactory landfill space for many years into the future.

At present all occupied premises within the urban area pay an annual garbage charge which is calculated by including together all costs associated with waste collection and disposal.

Those costs are mainly operational although capital works costs are incurred on a regular basis. It has been estimated that during the period 1993 to 2004, a total of 5 203 new dwelling sites will be created bringing the total dwelling rate in the urban area to 22,451.

### **10.2 Gregadoo Waste Disposal Facility**

An increase of 5 203 dwellings over the next twelve years at a rate of 2.85 persons per dwelling will generate increased waste volumes at Gregadoo that will have to be provided for in terms of land, roads, rehabilitation, land management and drainage systems in the form of capital works.

Over recent years environmental management legislation has created far more emphasis on managing waste disposal as it occurs and ongoing rehabilitation of the land as the disposal process is completed.

In Appendix III items of capital works have been detailed as required to be done over the 12 year period. An estimated amount of \$1,525,000 has been costed which equates to \$73.28 per new dwelling site created between 1992 and 2004, and will need to be provided from Section 94 contributions totalling \$381,250 or \$31,770 per annum.

Other costs associated with operating the facility will be funded from both the garbage charge paid by all and any funds allocated by Council from general revenue.

## **11. CULTURAL AND ADMINISTRATIVE FACILITIES**

### **11.1 Art Gallery**

The City Art Gallery has been assessed as being appropriate as at 1988, however, in order to cope with population growth beyond that year, and up until the year 2004, it is considered that the gallery will need expansion to allow for greater utilisation by an increased population.

### **11.2 Library**

The Library has been assessed as being appropriate for a population which existed in the City of Wagga Wagga during 1987, however, population growth since that time, and being projected to the year 2004, will clearly lead to an inadequate facility if the Library is not expanded to cope with this additional growth.

### **11.3 Convention Centre Establishment**

Council is currently giving consideration to the need for a convention centre type facility, so as to allow for an adequate facility of the type which Council believes should be established in a city with the population size projected for Wagga Wagga. Demand for facilities currently outweighs available facilities, and provision for such a building is allowed (only as a small factor) within this scheme.

## 12. PLANNING STUDIES

### 12.1 Studies

As the City grows and community needs change, there will be an increasing need for studies to assess what impact growth and changing community aspirations have on Council in terms of the amenities and services Council needs to provide.

The previous Section 94 plan (Development Control Plan No. 6) made allowance for about 3% of funds to be allocated to the preparation of various planning studies. Examples of such studies could include preparation of neighbourhood masterplans, studies into engineering infrastructure, child care facilities or open space studies.

It has been calculated that \$50,000 is needed per annum for such work. Studies involving growth issues will be funded 100% from Section 94. If there is a joint benefit between the growth and existing sectors, then supplementary rate income will be needed.

## **13. FINANCIAL AND ADMINISTRATIVE MECHANISMS**

### **13.1 Accounting for Income and Expenditure**

Contributions under Section 94 of the Environmental Planning and Assessment Act must be recorded separately from other moneys and records must be kept to indicate:

- (a) Interest earned on contributions returned to the Section 94 account;
- (b) The various categories of public amenities on services for which expenditure is proposed and funds received; and
- (c) Expenditure of contributions by reference to the various categories of amenities and services.

Councils must also disclose the following information in relation to the contribution plan in its annual report for each financial year:

- (a) Opening and closing balances.
- (b) Total amounts received subdivided into the relevant categories of amenities and services.
- (c) Total amounts expended in categories.
- (d) Outstanding obligations of Council to provide amenities and services.

Councils must also keep a register of Development Consents which have imposed Section 94 contribution conditions.

### **13.2 Council's Existing Accounting System**

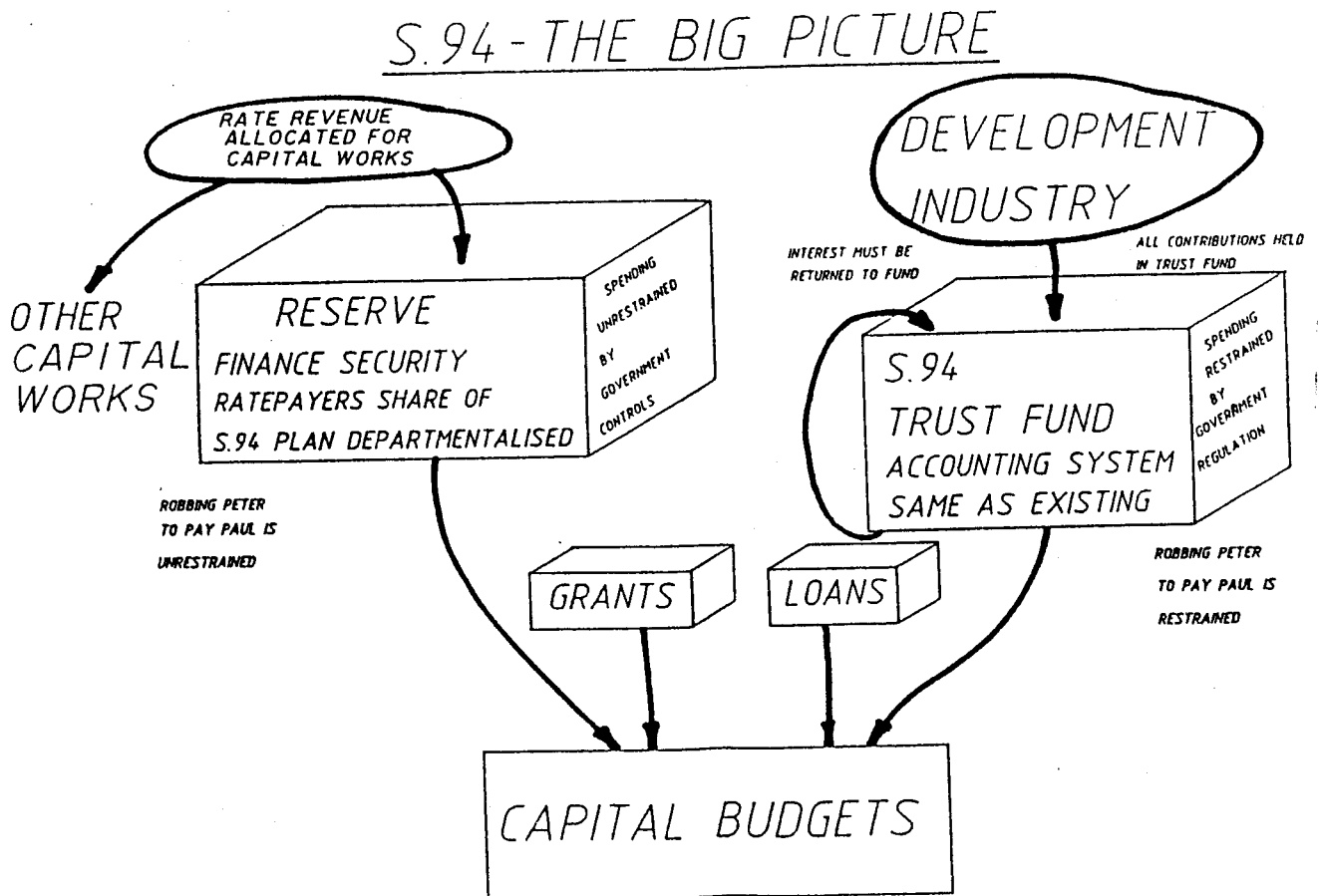
Council's existing Section 94 contribution scheme uses an accounting technique which satisfies most of the requirements above and so little change is proposed other than that of the Annual Report.

### **13.3 Supplementary Funding**

The most significant change to the Section 94 scheme currently operated by Wagga Wagga City Council is in the area of apportionment of projected costs to the growth sector and the established sectors of the urban population. As stated elsewhere, the new guidelines require councils to provide supplementary capital funding. These funds must be provided where it has been shown that that work has benefit to both the established sector and the growth sector.

Figure 4 shows schematically the proposal for the new Section 94 Contribution Plan. It is proposed to establish a reserve assigned to Capital Works using a mixture of rate revenue, loans and grants. These reserves will be of a size equal to the established sector's share of the projects listed in the scheme. Council will make a commitment to maintain this reserve at adequate levels to meet the demand for capital works predicted.

Figure 4: Section 94 - The Big Picture



### **13.4 "Robbing Peter to Pay Paul"**

It is not unusual for expenditure priorities to be different from the rate of income to the Section 94 Scheme. The established practice with council's existing scheme was to allow funds to be borrowed from one functional category or area to allow the early completion of a project in another functional category or area. The new guidelines restrain this practice severely despite the benefits of flexibility that it provides. In the period 1984 to 1992 in which this practice was permitted, the balances of the funds (income versus expenditure) was left in good balance despite the constant shuffling of funds. While these constraints have been imposed on the Section 94 Trust Fund it is possible that, by using the Ratepayers reserve as a buffer, a similar outcome to the previous scheme can be achieved.

### **13.5 Budgets**

It is proposed that two budgets be prepared each year covering income from each half of the year. There will be little change from the existing arrangements other than the need to account for the Ratepayers Capital Works Reserve in parallel to the Section 94 Contributions.

### **13.6 Indexing**

All calculation of costs of projects has been done in 1993 dollar values. In order to maintain relativity throughout the 12 year life of the Plan, it is necessary to index values to match inflation. This plan will use the Building Material - Non Dwelling (Sydney) Index which is published quarterly by the Australian Bureau of Statistics.

All contributions and estimates will be updated quarterly to reflect the movement of the Index. Updates of contribution amounts will occur on the first day of February, May, August and November of each year.

The base index will be that of May 1993 - 152.3.

### **13.7 Method of Payment**

- i. When Council grants development consent for a development which is subject to Section 94 contributions, it shall at the time of granting its consent, state the value of the Section 94 contribution based on the Building Material - Non Dwelling (Sydney) Index at the time of the granting of the consent.
- ii. In the case of a land subdivision for detached housing prior to the date of the release of the subdivision plan, the subdivider must deposit with the Council a bank guarantee for the value of the current contribution as amended at the time of the release of the plan by any variation in the Building Material - Non Dwelling (Sydney) Index.



- iii. At the time of sale of each residential lot created by subdivision in (ii) above, the subdivider shall pay the Section 94 contribution to the Council forthwith together with a clear indication of the lot description relating to the parcel being sold. In the event of a lot not being sold within two years, the contribution shall be fully paid at the end of this period. The intent of this clause is to prevent subdividers constructing dwellings on allotments subject to Section 94 contributions for the purpose of rental, and thereby avoiding the payment of the contribution by virtue of the fact that the land has not been sold.
- iv. In the case of a subdivision which is not for the purpose of detached housing development (e.g. industrial, commercial and some large medium density sites) Section 94 contributions will not be required as a condition of subdivision. Instead, an assessment will be made of the impact when a development application is made for each parcel of land.
- v. In the case of a development not being a subdivision, but where a building application needs to be made prior to the commencement of the development, the development consent shall state the value of the Section 94 contribution at the time. The developer shall pay the Section 94 contribution prior to commencement of work.
- vi. Council may from time to time, after considering written submissions from subdividers, vary the condition of payment by the extension of the two year period referred to in clause (iii) above.



# **CITY OF WAGGA WAGGA**

**SECTION 94 CONTRIBUTIONS PLAN 1993 - 2004**

## **APPENDICES**



# SECTION 94 CONTRIBUTIONS PLAN 1993 - 2004

## APPENDICES

### TABLE OF CONTENTS

*Appendix 1 :*

Environmental Planning and Assessment (Contributions Plans)  
Amendment Act 1991 and Regulation.

*Appendix 2 :*

Section 94 - Projects Relationship with Capital Works Program.

*Appendix 3 :*

Section 94 Work Schedules, by Functional Area and Suburb.

*Appendix 4 :*

Wagga Wagga Urban Open Space Summary by Suburb (1992).

# APPENDIX 1

**APPENDIX I ENVIRONMENTAL PLANNING AND ASSESSMENT  
(CONTRIBUTIONS PLANS) AMENDMENT ACT 1991 AND REGULATION**

**ENVIRONMENTAL PLANNING AND ASSESSMENT  
(CONTRIBUTIONS PLANS) AMENDMENT ACT 1991 No. 64**

NEW SOUTH WALES



Act No. 64, 1991

An Act to amend the Environmental Planning and Assessment Act 1979 with respect to conditions of development consent concerning public amenities and public services; and for related purposes. [Assented to 17 December 1991]

- (b) to require councils to keep proper accounting records of monetary contributions received under section 94 of the Principal Act; and
- (c) to require councils to maintain contributions registers to enable members of the public to ascertain what contributions have been required under section 94 of the Principal Act and which of those contributions have been received; and
- (d) to require a council that grants a development consent subject to a condition requiring a contribution of land or money under section 94 of the Principal Act to include in the relevant notice of determination particulars identifying the public amenity or service for which the contribution is required and the name of the contributions plan in accordance with which the condition has been imposed; and
- (e) to require certificates issued by a council under section 149 (2) of the Principal Act to indicate whether or not any contributions plan applies to the land the subject of the certificate.

# APPENDIX 2



PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***ROADS***</b>							
A	<b>SECTION 94 PROJECTS</b>							
R1	LAKE ALBERT RD - JAMES ST TO PLUMPTON RD STAGE 1: JAMES ST TO STANLEY ST 450M Widening to provide four travelling and two parking lanes including k&g , drainage and driveways reconstruction. 450m @ \$470/m	1993	212000	100	0	212000	0	0
R2	RED HILL RD - BOURKE ST TO PLUMPTON RD STAGE 1: PLUMPTON RD TO HENWOOD AVE Two lane rural road 6.0 wide to replace service road as the through road. 700m @ \$220/m	1994	154000	100	0	154000	0	0
R3	GLENFIELD RD - RED HILL RD TO LLOYD ACCESS RD Two lane rural road providing access to Lloyd. 500m @ \$300/m	1995	150000	100	0	150000	0	0
R4	GLENFIELD RD - MANGOPLAH RD TO LLOYD ACCESS RD Two lane rural road to serve as Deviation of MR211. Some benefit to existing sector. No grant likely. 500m @ \$300/m	1997	150000	50	50	75000	75000	0
R5	COPLAND ST - KOORINGAL RD TO BLAXLAND RD STAGE 1:200M WEST BLAXLAND RD 200m on old road reserve just west of Blaxland Rd. Parking lane and k&g cost to developer. Two travelling lanes 50% s.94 and 50% benefit to existing community.	1995	40000	50	50	20000	20000	0
R6	RED HILL RD - BOURKE ST TO PLUMPTON RD STAGE 2: BOURKE ST TO HENWOOD AVE Two lane rural road 6.0m wide to replace service road as the through road. 1200m @ \$220/m	1996	264000	100	0	264000	0	0
R7	BOURKE STREET - RED HILL RD TO BOURKELANDS ACCESS RD Widening to provide four travelling lanes. 1000m @ \$250/m	1996	250000	100	0	250000	0	0
R8	FERNLEIGH RD -RAILWAY TO GLENFIELD RD Widening to provide four travelling lanes and north side parking lane. Note:Partly completed north side parking lane. Allow \$70,000 to complete.	1996	70000	100	0	70000	0	0
R9	FERNLEIGH RD -RAILWAY TO GLENFIELD RD - PARKING LANE This project should be a direct charge on frontage development. Included as enabling clause.	1996	25000	0	0	0	0	0
R10	LAKE ALBERT RD -JAMES ST TO PLUMPTON RD STAGE 2: STANLEY ST TO PLUMPTON RD Widening to provide four travelling and two parking lanes including k&g , drainage and driveways reconstruction. 850m @ \$470/m	1997	400000	100	0	400000	0	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
R11	COPLAND ST-KOORINGAL RD TO BLAXLAND RD ST.1:KOORINGAL RD TO EAST OF MARSHALLS CK Construction of new two lane road to provide alternative link to Hammond Ave Industrial Area (includes two lane single span r/c bridge, and approach works). Roadworks 400m @ \$200/m Bridge \$120000	1998	200000	50	50	100000	100000	0
R13	ESTELLA RD - PINE GULLY RD TO GUNN DR Seal 6.0m wide to embellish existing gravel road. 650m @ \$80/m	1994	52000	100	0	52000	0	0
R14	ELIZABETH AVE ROUNDABOUTS Two roundabouts at Elizabeth Ave. Funding directly by Brunskill. Included as enabling clause.	1994 1997	200000	0	0	0	0	0
R15	COPLAND ST PARKING LANE AND K&G WEST OF BLAXLAND RD. Direct cost to developer. Enabling clause only.		20000	0	0	0	0	0
	<b>SUB-TOTAL ROADS S94 PROJECTS</b>		<b>2029000</b>			<b>2029000</b>	<b>195000</b>	<b>0</b>
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN.</b>							
	Ferneigh Rd widen (6)		6000					
	Red Hill Rd B'lands (7)							
	Ferneigh Rd widen (8)		15000					
	Hammond Ave widen (8)		10000					
	Ferneigh Rd widen (10)		8000					
	Bardo Ln construct (10)		32000					
	Kenneally Ln (10)		17000					
	Bardo Ln widen & seal (11)		4000					
	Hammond Ave widen (12)		12000					
	Lake Albert Rd widen (13)		73000					
	Hammond Ave land acquisition (14)		27000					
	Ferneigh Rd travel lane (17)		15000					
	Estella Rd sealing (17)		40000					

PRO-PROJECT JECT & DESCRIPTION NO.	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
			% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$	WORKS \$
<b>PROJECTS NOT INCLUDED IN S.94 PLAN</b>							
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>						
	COPLAND ST- KOORINGAL RD TO BLAXLAND RD STAGE 2: WITHIN SUBDIVISION Assume the road will be re-routed north into developable land leaving Copland St road reserve for future levee bank. i.e. 900m is totally a subdivision condition.						
		160000	0	100	0	160000	0
	FERNLEIGH ROAD - GLENFIELD RD TO MITCHELLMORE ST/NORTHCOTT PDE Widening from 9m to 13m to provide for two travelling lanes and two parking lanes. 1000m @ \$160/m						
		160000	0	100	0	160000	0
	URANA ST - MACLEAY ST TO BOURKE ST Widening from 9m to 13m to provide two travelling lanes and two parking lanes. 1000m @ \$160/m						
		RTA FUNDED	0	100	0	0	RTA FUNDED
GOBBA BRIDGE APPROACHES-UNDERPASSES TRAVERS ST AND GARDINERS RD Included under Gobba Bridge Project by RTA.							
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>						
	PLUMPTON ROAD - LAKE ALBERT ROAD TO RED HILL ROAD Widening to provide four travelling and two parking lanes including k&g, drainage and driveways reconstruction. 500m @ \$460/m						
		230000	100	0	230000	0	0
	KAPOOKA LINK ROAD - RED HILL RD TO KAPOOKA BRIDGE Two lane rural road for improved access to southern neighbourhoods from Kapooka and Olympic Way. 1600m @ \$230/m						
		368000	0	100	0	368000	0
	PLUMPTON RD-KOORINGAL RD TO LANSDOWNE AVE Widening to provide four travelling lanes. 600m @ \$230/m						
		138000	100	0	138000	0	0
	RED HILL RD-RAILWAY TO DALMAN PARKWAY Two lane rural road providing ultimate link to Kapooka from southern areas of city and part of East-West route to Gumly Gumly. 1100m @ \$230/m						
		253000	50	50	126500	126500	0
	WESTERN GLENFIELD ROAD - RED HILL RD TO FERNLEIGH RD (south of rail) Two lane rural road connecting Kapooka Link Road to Fernleigh Road. 1500m @ \$230/m						
		345000	33.3	66.7	115000	230000	0

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	GLENFIELD ROAD -FROM RAIL OVERPASS TO DALMAN PARKWAY Widening to provide four travelling lanes. 1500m @ \$230/m		345000	100	0	345000	0	0
	SOUTHERN BYPASS LLOYD RD/DUNNS RD FROM MANGOPLAH RD TO OLYMPIC WAY Two lane rural road to provide an East-West link bypassing southern neighbourhoods.		1000000	0	100	0	1000000	0
	KYEAMBA AVE-KOORINGAL RD TO VINCENT RD Two lane rural road as part of East-West route from Kapooka to Gumly Gumly (includes a culvert). 500m @ \$230/m		115000	0	100	0	115000	0
	KYEAMBA AVE EXTENSION FROM MITCHELL RD TO BAKERS LANE Two lane rural road as part of East-West route from Kapooka to Gumly Gumly. 1100m @ \$200/m		220000	0	100	0	220000	0
	BLAXLAND RD-KYEAMBA AVE TO COPLAND ST Two lane rural road including culvert. 2750m @ \$200/m due to growth in Tatton and other southern areas.		550000	20	80	110000	440000	0
	GLENFIELD RD -RAILWAY TO DOBNEY AVE Widening to provide four travelling lanes including widening of rail overpass.		300000	100	0	300000	0	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
<b>***TRAFFIC FACILITIES***</b>								
<b>A SECTION 94 PROJECTS</b>								
T2	<b>HENWOOD AVE/TAMAR DR/RED HILL RD INTERSECTION</b> Roundabout construction to improve intersection which is nearing capacity now. The extra traffic will create the need for a roundabout.	1994	120000	100	0	120000	0	0
T3	<b>HAMMOND AVE/KOORINGAL RD INTERSECTION</b> Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. It is possible RTA may have a grant available. However the demand for RTA funds make it unlikely to be 100% RTA funded.	1994	250000	50	50	125000	0	125000
T4	<b>TARCUTTA ST/JOHNSON ST INTERSECTION</b> Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.	1995	180000	100	0	180000	0	0
T5	<b>FORSYTH ST/PETER ST INTERSECTION</b> Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout.	1995-1998	150000	100	0	150000	0	0
T6	<b>BAYLIS ST/MORROW ST INTERSECTION</b> Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.	1995	150000	100	0	150000	0	0
T7	<b>GLENFIELD RD/RED HILL RD INTERSECTION</b> Roundabout construction to improve intersection which is nearing capacity now. The extra traffic will create the need for a roundabout. This roundabout is required due to growth in Lloyd, Bourkelands and Glenfield.	1995	180000	100	0	180000	0	0
T8	<b>BOURKE ST/RED HILL RD INTERSECTION</b> Roundabout construction in conjunction with Stage 1 construction of Red Hill Rd across to Koorringal Rd replacement of service road. The extra traffic from growth of the city requires the need for the roundabout.	1996	250000	100	0	250000	0	0
T9	<b>LAKE ALBERT RD/PLUMPTON RD INTERSECTION</b> Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. This roundabout is required due to growth in Tatton and southern areas.	1998	150000	100	0	150000	0	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS	
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>						
	FOX ST/EDWARD ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights. Note: RTA has just announced 100% 3x3 Grant.		200000	0	100	0	0 200000
	MURRAY ST/EDWARD ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights. RTA funding probable.		250000	0	100	0	0 250000
	EDMONDSON ST/COLEMAN ST INTERSECTION Either roundabout construction or traffic lights installation. This is not required due to urban growth, it is more a recognition of how unsatisfactory the existing facility is.		200000	0	0	0	200000 0
	TRAIL ST/TRAVERS ST INTERSECTION Roundabout construction in conjunction with New Hampden Bridge. It will not benefit growth sector which will be directed to Gobba Bridge. The reason for replacing Hampden Bridge is to reduce maintenance costs.		150000	0	100	0	150000 0
	EDWARD ST/MOORONG ST INTERSECTION Roundabout construction in conjunction with Gobba Bridge Approaches. Therefore this project will be 100% funded from RTA Grant.		150000	0	100	0	0 150000
	MOOROONG ST/KINCAID ST INTERSECTION Roundabout construction in conjunction with Gobba Bridge Approaches. Therefore this project will be 100% funded from RTA Grant.		RTA FUNDED	0	100	0	0 RTA FUNDED
	OLYMPIC WAY/BOMEN RD INTERSECTION Included under Gobba Bridge Project by RTA.		RTA FUNDED	0	100	0	0 RTA FUNDED
	OLYMPIC WAY/BOOROOMA ST INTERSECTION Included under Gobba Bridge Project by RTA.		RTA FUNDED	0	100	0	0 RTA FUNDED
	BOURKE ST/URANA ST INTERSECTION Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. This roundabout is required due to the growth on the southern side of the city. The proposal to divert MR211 from Bourke St will eliminate RTA Grants.		180000	100	0	0	180000 0
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>						
	LORD BADEN POWELL DR/LAKE ALBERT RD INTERSECTION Traffic Lights?		150000	0	100	0	0
	C.B.D. TRAFFIC CALMING Traffic calming to discourage vehicle access and encourage pedestrian access to C.B.D. area. 3 blocks @ \$600000/block=\$1 800 000 25% to new development=\$450 000		1800000	25	75	450000	1350000

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
<b>***CYCLEWAYS***</b>								
<b>A SECTON 94 PROJECTS</b>								
C1	<b>GARDINER STREET AND BOOROOMA STREET</b> A commuter route linking Estella and Charles Sturt University to northern end of Central Wagga. The route follows: Boorooma Street, Gardiner St to Wall St then across North Wagga Flats. Boorooma Street widening (both sides 2m): 2200 m @ \$71.80/m = \$168000 Signs: 11No. @ \$300 ea = \$3300 Linemarking: = \$6930 Granite path across North Wagga Flats: 600 m @ \$20/m = \$12000	1993-1996	183000	5	95	4575	81800	91500
C2	<b>BOURKE STREET</b> A commuter route providing access from southern neighbourhoods, Bourkelands, Tolland, Mount Austin, Glenfield to Turvey Park and onto the CBD. The route follows: Bourke Street from Red Hill Rd to Coleman St and meets Route 9 at Norman St/Coleman St intersection. Signs: 20 No. @ \$300 ea = \$6000 Linemarking: 2200 m @ \$1.10/m = \$2430 Construct laybacks and paths across existing cul-de-sacs = \$9000	1996	17000	25	75	2125	6375	8500
C3	<b>MOUNT AUSTIN TO GLENFIELD PARK</b> A route from Bourke St, Mount Austin to Red Hill Rd, Glenfield linking Glenfield with Tolland shopping centre and Mount Austin High School. The route follows: The Public Reserve/Transmission Easement from Bourke st across Glenfield Rd and through Glenfield to Red Hill Rd. Signs: Say 10 No. @ \$300 ea = \$3000 Construction of bitumen seal bicycle track: 2600 m @ \$40/m = \$104000	1999	107000	10	90	5350	48150	53500
C4	<b>RED HILL ROAD AND GLENFIELD ROAD</b> A route providing east-west access between neighbourhoods on either side of Willans Hill. The route follows: From Plumpton Rd west along Red Hill Rd over Willans Hill to Glenfield Rd then north along Glenfield Rd to Dalman Parkway. <b>RED HILL RD SECTION:</b> Signs: Say 8 No. @ \$300 ea = \$2400 Construction of off-road bicycle track: 1200 m @ \$21/m = \$25200 Construct road widening for cycle lane: 1600 m @ \$21/m = \$33600 <b>GLENFIELD ROAD SECTION:</b> Signs: Say 6 No. @ \$300 ea = \$1800 Construction of shared pedestrian/bicycle track: 1000 m @ \$45/m = \$45000 Construction of small bridge across Glenfield Drain: 45 m2 @ \$410/m2 = \$18500	2000-2001	126000	10	90	6300	56700	63000
<b>SUB-TOTAL CYCLEWAYS S94 PROJECTS</b>			<b>433000</b>			<b>18350</b>	<b>193025</b>	<b>216500</b>

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS	
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$
<b>B</b>	<b>PROJECTS COMPLETED AND/OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN PROJECTS NOT INCLUDED IN S94 PLAN</b>						
	Cycleway Lake Albert (16)		30000				
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT SECTION 94 FUNDING</b>						
	No Projects						
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>						
	<b>KOORINGAL TO LAKE ALBERT</b> The route follows: Kooringal Road, Ziegler Ave, Fay Ave, Boronia St, Kenneally St, Colong Pl, Lake Albert Rd and Tarcutta St. Signs: 17 No. @ \$300 ea = \$5100 Linemarking: 3800 m @ \$1.06/m = \$4030 Construct concrete path (Lake Albert Rd to Colong Pl): \$35130		44000	0	100	0	22000 22000
	<b>MOOROONG STREET AND KINCAID STREET</b> A commuter route linking Ashmont to northern end of central Wagga. The route follows: Mooroong St from Edward St to Kincaid St, Trail St, Crampton St and Fitzmaurice St to Hampden Bridge. Signs: 8 No. @ \$300 ea = \$2400 Linemarking: 4085 m @ \$1.06/m = \$4330		7000	0	100	0	3500 3500
	<b>FOREST HILL TO LAKE ALBERT</b> A 'back' route from Forest Hill to Wagga via Lake Albert. The route follows: Elizabeth Ave, Inglewood Rd Mitchell Rd and Brunskill Rd to Lake Albert Rd. Signs: Linemarking: Construction of off-road bicycle track:		126000	0	100	0	63000 63000
	<b>KAPOOKA - FERNLEIGH RD TO OLYMPIC WAY</b> A route from Kapooka Army Base adjacent to Olympic Way to Fernleigh Road, Wagga. The route follows: Olympic Way from Kapooka Army Base to Lands Department Reserve, across the Reserve to Fernleigh Rd up to Tobruk St intersection. Signs: Say 20 No. @ \$300 ea = \$6000 Linemarking: Say 1500 m @ \$1.10/m = \$1650 Construction of off-road bicycle track: 2200 m @ \$40/m = \$88000 Construction of a small bridge across Reserve's gully: 45 m2 @ \$410m2 = \$18500		114000	0	100	0	57000 57000
	<b>ASHMONT AVENUE TO CHASTON STREET</b> A commuter route from Ashmont to CBD and Ashmont Primary School. The route follows: Ashmont Ave, Dobney Ave, Chaston St to Docker St. Signs: 16 No. @ \$300 ea = \$4800 Linemarking: 4000 m @ \$1.06/m = \$4230		9000	0	100	0	4500 4500



PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$	
	<p><b>BEST ST TO MOUNT AUSTIN HIGH SCHOOL</b> This route provides a commuter link to the CBD and links four high schools, a primary school, several sporting and recreation facilities and a neighbourhood shopping centre. The route follows: From Leavenworth Dr along Mitchellmore St, Macquarie St, Heath St, Trevor St, Coleman St, Edmondson St to Best St existing bicycle lane. Signs: 10 No. @ \$300 ea = \$3000 Linemarking: 2760 m @ \$1.08/m = \$2990 Holding rail at corner Edmondson/Coleman intersection: = \$1000</p>		7000	0	100	0	3500	3500
	<p><b>MORGAN STREET</b> This route through the CBD links the major routes 1 and 3 and provides access to Bolton Park Sporting Complex. The route follows: Morgan St from Tarcutta St to Best St. Signs: Say 6 No. @ \$300 ea = \$1800 Linemarking: 2000 m @ \$1.10/m = \$2200</p>		4000	0	100	0	2000	2000
	<p><b>ALONG MURRUMBIDGEE RIVER LEVEE AND KOORINGAL ROAD</b> This route is for recreational purposes and takes advantages of the Murrumbidgee Rivers natural scenery. The route follows: Along the Murrumbidgee River levee bank from Hampden Bridge to Hammond Ave then along Kooringal Road to Ziegler Ave joining Route 1. Once the Eastern Industrial Levee is built the cycle track can be extended as far as Hammond Ave at Blaxland Rd. Signs: Say 12 No. @ \$300 ea = \$3600 Construct gravel track along levee bank: 3500 m @ \$20/m = \$70000 Widen Kooringal Rd to provide cycle lanes: 3500 m @ \$45/m = \$157500</p>		227000	10	90	11350	102150	113500
	<p><b>FERNLEIGH ROAD AND TOBRUK STREET</b> This route provides a link with Route 5, Route 7 and Route 3 and is an important link for Glenfield Rd, sporting grounds, Charles Sturt University, two primary schools and Ashmont Ave. The route follows: Tobruk St from Ashmont Ave to Fernleigh Rd and along Fernleigh Rd to Bourke St. Signs: Say 8 No. @ \$300 ea = \$2400 Linemarking: 5800 m @ \$1.10 = \$6400</p>		9000	20	80	900	3600	4500
	<p><b>LAKE ALBERT RECREATION TRACK</b> This route is a recreational and/or fitness track taking advantage of the Lake Albert shores. Signs: Say 20 No. @ \$300 ea = \$6000 Construction of bitumen seal bicycle track: 6500 m @ \$40/m = \$260000</p>		266000	40	60	53200	79800	133000

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<p>THE BOTANIC GARDENS This route is a recreational route that takes advantage of the Botanic Gardens. Signs: Say 4 No. @ \$300 ea = \$1200 Sealed paths through park: 1500 m @ \$6/m = \$9000 Bicycle racks: Say \$5000</p>		15000	10	90	750	6750	7500
	<p>WOLLUNDY LAGOON This route is a recreational route taking advantage of the city's scenic parkland. Signs: Say 12 No. @ \$300 ea = \$3600</p>		4000	25	75	500	1500	2000

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***DRAINAGE***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
D1	JUBILEE PARK DRAIN - MANGOPLAH RD TO RED HILL RD TRICKLE FLOW PIPE Construction of 450 dia trickle flow pipe through Jubilee Park to alleviate constantly wet and boggy conditions in overland flow drain through Jubilee Park. 500 m @ \$130/m	1993	65000	50	50	32500	32500	0
D2	BROAD STREET BASIN Construct detention basin.	1994	40000	50	50	20000	20000	0
D3	GLENFIELD ROAD DRAIN - RED HILL RD TO DALMAN PARKWAY TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 450 dia trickle flow pipe and landscaping. 1000 m @ \$130/m	1994	130000	100	0	130000	0	0
D4	RED HILL RD DRAIN - JUBILEE PARK DAM TO GLENFIELD RD DRAIN TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of open drain by construction of 450 dia trickle flow pipe and landscaping. 400 m @ \$140/m	1994	56000	50	50	28000	28000	0
D5	RED HILL RD DRAIN - PLUMPTON RD TO WILLANS HILL RESERVE TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Construct grass lined drain and 450 dia trickle flow pipe. 600 m @ \$180/m	1996	108000	100	0	108000	0	0
D6	TATTON TRUNK DRAIN - TRICKLE FLOW PIPE AND SHAPED GRASS-LINED OVERFLOW DRAIN Trickle flow pipe and shaped grass-lined overflow drain in Drainage Reserve from Plumpton Rd near Lansdowne Ave to O'Halloran Park near Lake Albert Rd. 900 m @ \$220/m	1994	198000	75	25	148500	49500	0
D7	GLENFIELD ROAD DRAIN - FERNLEIGH RD TO RAILWAY TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 600 dia trickle flow pipe and landscaping. 500 m @ \$200/m	1995	100000	50	50	50000	50000	0
D8	PLUMPTON RD DRAIN - TRICKLE FLOW PIPE AND SHAPED GRASS-LINED OVERFLOW DRAIN Along west side of Plumpton Rd from culvert to 400m south. 400 m @ \$220/m	1998	88000	100	0	88000	0	0
D9	ELIZABETH AVE DRAIN TRICKLE FLOW PIPE Construction of grass-lined outfall drain with 450 dia trickle flow pipe and landscaping. 600m @ \$180/m	1996	108000	50	50	54000	54000	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
D10	RED HILL ROAD DRAIN - BOURKE ST TO WILLANS HILL RESERVE TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Construct grass-lined drain and 450 dia trickle flow pipe. 700 m @ \$180/m	1996	126000	100	0	126000	0	0
D12	PEARSON ST DRAIN - RAILWAY TO DOBNEY AVE CONCRETE-LINED DRAIN Upgrading of roadside open drain by construction of concrete-lined drain and landscaping.	1996	400000	50	50	200000	200000	0
D13	DRAIN WEST OF SAXON ST - DOBNEY AVE TO EDWARD ST Upgrading of existing open drain by construction of 600 dia trickle flow pipe and landscaping, includes a section on north side of Hartwig Trucks.	1998	250000	50	50	125000	125000	0
D14	INDUSTRIAL LAND BLAKE/BEAZLEY AREA (PROJECTS D13 TO D17)							
	LAND PURCHASE	1998	64000	100	0	64000	0	0
	DRAIN ALONG LEVEE BANK	1998	8500	100	0	8500	0	0
	CONSTRUCT DETENTION PONDAGE	1998	1500	100	0	1500	0	0
	CULVERT ACROSS COPLAND STREET	1998	1300	100	0	1300	0	0
	BLAKE/BEAZLEY PUMPING STATION	1998	86000	100	0	86000	0	0
D15	CARTWRIGHTS HILL TRUNK DRAINAGE - BOMEN RD TRICKLE FLOW PIPES AND GRASS-LINED DRAINS Upgrading of table drains by construction of grass-lined open drains and 450 dia trickle flow pipes. 300 m @ \$180/m	2002	54000	80	20	43200	10800	0
D16	CARTWRIGHTS HILL TRUNK DRAINAGE - COORAMIN ST TRICKLE FLOW PIPES AND GRASS-LINED DRAINS Upgrading of table drains by construction of grass-lined open drains and 450 dia trickle flow pipes. 900 m @ \$180/m	2002	54000	80	20	43200	10800	0
D17	RED HILL ROAD DRAIN - LLOYD ACCESS RD TO GLENFIELD RD TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 450 dia trickle flow pipe and landscaping. 350 m @ \$220/m	2004	77000	100	0	77000	0	0
D18	CENTRAL AREA DRAINAGE UPGRADE Provision for several drainage works to provide for further development in central area.	1995-2000	500000	100	0	500000	0	0
D19	TATTON CONTOUR BANKING Provision of contour banks in open space above Tatton to divert runoff to drainage corridors.	1995	25000	100	0	25000	0	0

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
D20	<b>BOURKELANDS CONTOUR BANKING</b> Provision of contour banks in open space above Bourkelands to divert runoff to drainage corridors.	1996	30000	100	0	30000	0	0
D21	<b>UNFORSEEN DRAINAGE</b> Miscellaneous projects unforeseen minor drainage extension to meet individual development requirements. Ccntribution to these work will be outside of the general contribution plan amounts. The inclusion in the document is to enable the contribution to be required under the guidelines.	UNKN	100%	0%	0	0	0	0
<b>TOTAL DRAINAGE S94 PROJECTS</b>			<b>2570301</b>			<b>1989700</b>	<b>580600</b>	<b>0</b>

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$	
	<b>PROJECTS NOT INCLUDED IN S94 PLAN</b>							
<b>B</b>	<b>PROJECTS COMPLETED AND/OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	Glenfield Detention Pd (1)		5001					
	Drainage Ext Forsyth (2)		11000					
	Drainage Blake St (3)		30200					
	Flowerdale Pondage (3)		23560					
	Open Drn Lining G'field Rd (4)		10000					
	Hammond Ave Drainage (8)		35000					
	Rawlings Park Drainage (8)		10000					
	Keneally St Drainage (8)		6000					
	Fencing Floodways (9)		3000					
	Pinaroo Dr Detent Basin (9)		10000					
	Tatton Trunk Drainage (10)		11000					
	Fernleigh Rd Culvert Ext (11)		20600					
	Jubille Pk Trickleflow (12)		20000					
	Koorungal Rd Drainage (12)		48000					
	Estella Drainage Div (15)		15000					
	Glenfield Drainage Div (15)		50000					
	Cooramin St Drainage (16)		40569					
	Glenfield Rd Trickleflow (17)		82668					
	Jubille Pk Drainage (17)		70000					
	Dalman Parkway Detention Basin		32500					
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>							
	<b>MORTIMER PLACE INDUSTRIAL AREA DRAINAGE</b> Extend stormwater pipe 450 dia. 60 m @ \$210/m		12600	0	100	0	12600	0
	<b>FOREST HILL OUTFALL DRAIN TRICKLE FLOW PIPE</b> Construction of grass-lined outfall drain with 450 dia trickle flow pipe and landscaping. Part of Brunskill subdivision drainage construction. 350 m @ \$180/m		63000	0	0	0	0	0
	<b>C.B.D. SOUTH DRAINAGE UPGRADE</b> Upgrade of drainage to C.B.D. South area.							
	<b>BOOROOMA ST (WEST SIDE) - AVOCET DR TO ESTELLA RD TRICKLE FLOW PIPE AND RESHAPE TABLE DRAIN</b> Construction of 450 dia trickle pipe and upgrading of table drain by reshaping and landscaping. 1300 m @ \$30/m		39000	100	0	39000	0	0
	<b>LAKE ALBERT OUTFALL DRAIN IMPROVEMENTS</b> Stabilise erosion to open channel. Note: Outfall drain gabions have been built. Allow \$10000		10000	100	0	10000	0	0
	<b>MASON STREET PUMPING STATION</b> Required to permanently remove threat of local flooding in Mason St area in times of high river.		100000	20	80	20000	80000	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$	
	VEALE ST DRAIN - ASHMONT AVE TO DRAIN WEST OF SAXON ST TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Construction of open drain and 450 dia trickle flow pipe and landscaping. 500 m @ \$180/m		90000	0	100	0	90000	0
	UPGRADE CENTRAL WAGGA 1:5 AND 1:1 SYSTEM The older part of the city has substandard drainage systems. There is a need to upgrade pipes, lower streets and K&G. 10 catchments @ \$40000 ea		400000	10	90	40000	360000	0
	RAWLINGS PARK - ANGEL ST TO PARK BOUNDARY WITH 5 ACRE LOTS TRICKLE FLOW PIPE Upgrading of open drain by construction of 450 dia trickle flow pipe. 400 m @ \$130/m		52000	0	100	0	52000	0
	RAWLINGS PARK-BOCQUET ST TO ANGEL ST TRICKLE FLOW PIPE Upgrading of open drain by construction of 450 dia trickle flow pipe. 300 m @ \$130/m		39000	0	100	0	39000	0
	TRAVERS STREET PUMPING STATION Required to permanently remove threat of local flooding in Travers Street area in times of high rivers.		100000	20	80	20000	80000	0
	STRINGYBARK CK DIVERSION TO LAKE ALBERT DRAIN STABILISATION Stabilise creek diversion by construction of reinforced concrete retaining walls, shaping batters and landscaping. 600 m @ \$700/m		420000	0	100	0	420000	0
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>							
	RED HILL RD DRAIN - DALMAN PARKWAY TO LLOYD ACCESS RD TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 450 dia trickle flow pipe and landscaping. 950 m @ \$140/m		182000	100	0	182000	0	0
	WATER POLLUTION CONTROL DEVICES Construction of sediment control ponds, gross pollutant traps and water pollution control ponds to improve water quality before discharging to Murrumbidgee River. Marshalls Creek, Wollundry Lagoon, Flowerdale Lagoon, Dukes Creek (Estella/Boorooma), Lake Albert (including Stringybark Creek, Crooked Creek and Lakehaven). 5 catchments @ \$130000 ea.		650000	20	80	130000	520000	0

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***BRIDGES***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
<b>B1</b>	<b>TRAVERS ST BRIDGE</b> Hampden Bridge replacement. The current proposition is for Council to fund and construct the \$4.0M bridge in 1994 with RTA assisting with repayments.	1994	4000000	20	80	800000	3200000	0
	<b>SUB-TOTAL BRIDGES S94 PROJECTS</b>		4000000			800000	3200000	0
<b>B</b>	<b>PROJECTS COMPLETED AND/OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	<b>GLENFIELD RD OVERPASS BRIDGE</b>							
	Glenfield O'pass Land Res (13)		111632					
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>							
	<b>HOULIGHANS CREEK</b> Old Narrandera Road widening to acceptable standards.		250000	0	100	0	250000	0
	<b>KYEAMBA CREEK</b> Gregadoo-Ladysmith Road. Replacement of timber bridge.		250000	0	100	0	250000	0
	<b>MURRUGULDRIE CREEK</b> Eight Mile Road, Humula. Replacement of timber bridge.		250000	0	100	0	250000	0
	<b>MARSHALL CREEK BRIDGE</b> Widening and raising for increased traffic and flood mitigation works. Grants will be available.		2000000	10	90	200000	800000	1000000
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>							
	<b>GLENFIELD RD/PEARSON ST OVERPASS WIDENING TO FOUR LANES</b> Widening to four lanes to provide for increase in traffic.							
	<b>DOCKER STREET RAIL OVERPASS</b> Eliminates rail level crossing at Docker St. Grants will be available.							
	<b>BOMEN RAIL OVERPASS</b> This project is on the prolongation of Byrnes Road and will eliminate the Bomen level crossing. Grants will be available.		2000000	25	75	500000	500000	1000000
	<b>TOBRUK STREET RAIL OVERPASS</b> Eliminates rail level crossing at Fernleigh Rd. Grants will be available.		2000000	10	90	200000	600000	1200000



PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS	
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$
	<b>***FOOTPATHS***</b>						
	Footpaths along collector streets, arterial roads, etc. to link residential areas with schools, shops, parks, churches, neighbourhood centres. Construction of 1200 wide x 75 th concrete footpaths (including reinstatement of lawns, etc.) at the following locations: Cost=\$38000/km						
A	<b>SECTION 94 PROJECTS</b>						
	NOTE: Footpaths in growth areas will be funded 100% from s94 and as such are independent of Capital Works Program.						
	<b>CENTRAL/TURVEY PARK</b> Developing area : 0.0 km		0			0	
	<b>KOORINGAL</b> Developing area : 1.1 km	1993-2004	41952	100	0	41952	
	<b>LAKE ALBERT</b> Developing area : 1.0 km	1993-2004	46284	50	50	23142	23142
	<b>TATTON</b> Developing area : 1.8 km	1993-2004	68000	100	0	68000	
	<b>BOURKELANDS</b> Developing area : 3.0 km	1993-2004	136800	80	20	109440	27360
	<b>GLENFIELD</b> Developing area : 4.9 km	1993-2004	202950	100	0	202950	
	<b>MT AUSTIN/TOLLAND</b> Developing area : 0.7 km	1993-2004	26676	100	0	26676	
	<b>ASHMONT</b> Developing area : 1.2 km	1993-2004	50250	50	50	25125	25125
	<b>ESTELLA</b> Developing area : 3.6 km	1993-2004	138600	100	0	138600	
	<b>BOOROOMA</b> Developing area : 0.6 km	1993-2004	23000	100	0	23000	
	<b>CARTWRIGHTS HILL</b> Developing area : 0.4 km	1993-2004	14950	100	0	14950	
	<b>LLOYD</b> Developing area : 1.2 km	1993-2004	45600	100	0	45600	
	<b>FOREST HILL</b> Developing area : 1.1 km	1993-2004	40500	70	30	28350	12150
	<b>TOTAL FOOTPATHS</b>		<b>835562</b>			<b>747785</b>	<b>87777</b>

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS	
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>						
	B'lands Footway (12)		13000				
	Glenfield Footway (12)		15000				
	Red Hill Rd Footpaths (15)		6000				
	Footpath - Various (15)		8000				
	Fernleigh Rd Footpath (17)		25000				
<b>C</b>	<b>PROJECTS NOT IN S94 PLAN BUT WITHIN 12 YEARS</b>						
	<b>CENTRAL/TURVEY PARK</b> Existing area: 4.1 km						155800
	<b>KOORINGAL</b> Existing area: 3.7 km						140600
	<b>LAKE ALBERT</b> Existing area: 3.0 km						114000
	<b>TATTON</b> Existing area: 0.3 km						11400
	<b>BOURKELANDS</b> Existing area: 1.0 km						38000
	<b>GLENFIELD</b> Existing area: 4.3 km						163400
	<b>MT AUSTIN/TOLLAND</b> Existing area: 1.9 km						72200
	<b>ASHMONT</b> Existing area: 4.1 km						155800
	<b>ESTELLA</b> Existing area: 1.6 km						60800
	<b>BOOROOMA</b> Existing area: 0.0 km						0
	<b>CARTWRIGHTS HILL</b> Existing area: 0.2 km						7600
	<b>LLOYD</b> Existing area: 0.0 km						0
	<b>FOREST HILL</b> Existing area: 6.0 km						228000

PRO-JECT & DESCRIPTION NO.	PROJECT TITLE	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***CARPARKING C.B.D.***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
CP1	Additional carparking provided in the C.B.D. by construction of multi-storey carpark above Council's existing ground level carparks and new ground-level carpark.  Land costs = \$3000/space Construction costs: Multi-level=\$10 000/space Ground-level=\$3000/space Average cost of carparking = \$7000/space 400 car spaces needed @ \$7000/space=\$2 790 000	1996-2004	2790000	40	60	1116000	1674000	0
CP2	IN-LIEU OF CARPARKING Enabling clause for in-lieu of contribution for parking.	1993-2004	UNKNOW	100	0	0	0	0
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	CBD Carpark Purchase (4)		11568					
	CBD Carpark Const (7)		54404					
	Fitzhardinge Carpark (17)		70000					

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***LOCAL OPEN SPACE/RECREATION FACILITIES***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
LF1	TRUSCOTT DRIVE BEST GRAVES Establish a Heritage Park.	1994	45000	100	0	45000	0	0
LF2	BOOROOMA SUBURB ENTRY TREATMENT Estimate of \$30,000 was based on 2 entries to the suburb in the 12 year period - I understand this will now only be 1, therefore cost can be reduced to \$15,000	1996	15000	100	0	15000	0	0
LF3	BOOROOMA LOCAL PLAYGROUND Establish local playground, irrigation and planting.	1994-2000	35000	100	0	35000	0	0
LF4	BOOROOMA BUFFER PLANTING Includes buffer plantation between future subdivision and industrial area. Fencing as well as tree planting. Assumes that buffer strip should be developed over the next 12 year perios to provide physical barrier between future suburb and industrial area	1994-2000	30000	100	0	30000	0	0
LF5	BOURKELANDS LOCAL OVAL AND CARPARK	1996	95000	100	0	95000	0	0
LF6	BOURKELANDS LOCAL PLAYGROUNDS (2 NO.) Establish local playgrounds, irrigation and planting.	1995&2000	70000	100	0	70000	0	0
LF7	BOURKELANDS OPEN SPACE AND BUFFER PLANTING Planting for open space,buffer and basin including fencing. This has doubled up with item (3d) and should be reduced by \$20,000. New cost \$27,000	1994-2004	27000	100	0	27000	0	0
LF8	BOURKELANDS ENVIRONMENTAL PROTECTION Environmental protection of the hillscape including planting and contouring.	1994-2004	20000	100	0	20000	0	0
LF9	BOURKELANDS SUBURB ENTRY TREATMENT This assumed there would be an additional 2 entrances into the suburb over the 12 year period. It is now considered only 1 will be required, therefore this cost can be reduced by \$15,000	1985	15000	100	0	15000	0	0
LF10	CARTWRIGHTS HILL SUBURB ENTRY TREATMENT	1994-2000	15000	100	0	15000	0	0
LF11	CARTWRIGHTS HILL LOCAL PLAYGROUND Local playground, irrigation and planting	1994-2000	35000	100	0	35000	0	0
LF12	CARTWRIGHTS HILL BUFFER PLANTING Cartwrights Hill buffer planting to industrial areas	1994-2000	60000	100	0	60000	0	0
LF13	CENTRAL WAGGA WOLLUNDRY LAGOON Wollundry Lagoon Environmental protection	1994-1988	40000	15	85	6000	34000	0

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
LF14	CENTRAL WAGGA GOSSET & MCKINNON RESERVE Gossett & McKinnon Reserve Playground facilities	1994-	35000	15	85	5250	29750	0
LF15	CENTRAL WAGGA - BELLING PARK Embellish equipment, grass areas and plantings	1995	35000	15	85	5250	29750	0
LF16	ESTELLA NEIGHBOURHOOD OVAL Estella Neighbourhood Oval, amenities, irrigation and car parking	1998	190000	100	0	190000	0	0
LF17	ESTELLA -TWO LOCAL PLAYGROUNDS Two local playgrounds, irrigation and planting. This \$190,000 is a mistake, the two playground are costed at \$70,000. The balance of \$120,000 should indicated as being used for footpaths and cycleways throughout the suburb. These could join up and complement the recently constructed cycleway for the city to the university	1998	70000	100	0	70000	0	0
LF18	ESTELLA TENNIS COURT	1994	45000	100	0	45000	0	0
LF19	ESTELLA-PLANTING FOR OPEN SPACE Planting for open space, buffer and basin	1994- 2000	40000	100	0	40000	0	0
LF20	FOREST HILL NEIGHBOURHOOD PARK Neighbourhood park and playground	1994	51000	100	0	51000	0	0
LF21	FOREST HILL LOCAL PARKS Forest Hill three local parks and plagrounds	1994 1997 2000	105000	100	0	105000	0	0
LF22	FOREST HILL UPGRADE PARK AND PLAYGROUN Upgrade existing park and playground and kerb and gutter	1996	45000	15	0	6750	38250	0
LF23	GLENFIELD PARK NEIGHBOURHOOD OVAL Neighbourhood oval, amenities and car parking	1994- 1997	190000	100	0	190000	0	0
LF24	GLENFIELD PARK NEIGHBOURHOOD PLAYGROUN Neighbourhood playground	1994- 1997	41000	100	0	41000	0	0
LF25	GLENFIELD PARK LOCAL PLAYGROUNDS Four local playgrounds, irrigation and planting	1994 1995 1996 1997	170000	100	0	170000	0	0
LF26	GLENFIELD PARK - EMBELLISH Existing park embellish, irrigation, paths and entrance	1994- 1996	40000	100	0	40000	0	0
LF27	GLENFIELD PARK - PLANTING Planting for open space, buffer, basin and fencing	1994- 2000	40000	100	0	40000	0	0
LF28	GLENFIELD PARK SUBURB ENTRY TREATMENT This assumed 3 entry treatments, 2 from Red Hill Road and 1 from Fernleigh Road. It is now advised only 2 will be required from Red Hill Road, therefore the cost can be reduced by \$15,000	1994	30000	100	0	30000	0	0

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
LF29	KOORINGAL - SHERWOOD AVENUE PARK Embellish playground.	1994	20000	100	0	20000	0	0
LF30	LLOYD - LOCAL PLAYGROUND Local playground, irrigation and planting	1995	41000	100	0	41000	0	0
LF31	LLOYD - PLANTING Planting for open space, buffer, basin and fencing	1994- 2004	25000	100	0	25000	0	0
LF32	LLOYD - SUBURB ENTRY TREATMENT	1993	30000	100	0	30000	0	0
LF33	TATTON LOCAL PLAYGROUNDS Two local playgrounds irrigation and planting	1994 1996	70000	100	0	70000	0	0
LF34	TATTON - PLANTING Planting for open space, buffer, basin and fencing	1994- 1998	10500	100	0	10500	0	0
LF35	TATTON - ENVIRONMENTAL PROTECTION Environmental protection (Hillscape) planting and contouring	1996	10000	100	0	10000	0	0
LF36	TATTON - SUBURB ENTRY TREATMENTS	1994- 1996	30000	100	0	30000	0	0
	<b>TOTAL</b>					1733750	131750	0
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	Leavenworth Dr P'ground (1)		2958					
	Kessler Pk P'ground (6)		4000					
	Bruce St P'ground (6)		4000					
	Connorton St P'ground (6)		9000					
	Drip Sys & Tree Plant (7)		3000					
	P'ground Victory Mem Pk (7)		6000					
	Oleander Crs P'ground (7)		6000					
	Street Tree Planting (7)		5000					
	B'lands P'ground (9)		7000					
	Graham Pk P'ground (9)		8000					
	Janalli Pk P'ground (9)		4000					
	Wiradjuri Est P'ground (9)		8000					
	Glenfield Barrier Fencing (9)		2424					
	Upgrade Various P'grounds (13)		132000					
	Tree Planting Various Areas (13)		20000					
	Dpt Housing Det Basin (13)		50000					
	Rd Safety Training Area (13)		15000					
	Open Sp Draining - G'field (14)		9700					
	Tree Plant - B'lands (14)		1500					
	Tree Plant - Estella (14)		1500					
	Tree Plant - Suburban (14)		2000					
	Webb Pk - Electrical (15)		5000					
	Tree Plant - Various (15)		24500					
	P'grounds - Various (15)		95500					
	Contour Bnks - B'lands (16)		7000					
	Pkland - Glenfield (16)		25000					
	Pkland - Estella (16)		15000					
	P'ground - Ashmont (16)		18000					
	Tree Plant - Streets (17)		10000					
	P'ground - Hardy Ave (17)		20000					
	Tree Plant - Glenfield (17)		5000					
	P'ground - Vestey St (17)		22000					
	P'ground - Lonergan Pl (17)		16000					
	P'ground - Bolton Pk (17)		18000					

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
***CITY WIDE OPEN SPACE AND RECREATIONAL FACILITIES***								
A	SECTION 94 PROJECTS							
RF1	WILLANS HILL WALKWAY AND CYCLEWAYS Establish walkways and cycleways in accordance with the draft Willians Hill Management Plan as adopted by Council.	1994-2000	50000	25	75	12500	37500	0
RF2	WILLIANS HILL ENVIRONMENTAL PROTECTION Provision of contour banking and tree planting in areas above Allambie Way and Henwood Avenue. This is in accordance with Council's Draft Management Plan for Willians Hill.	1994-2000	5000	100	0	5000	0	0
RF3	JUBILEE PARK SYNTHETIC HOCKEY FIELD Provision of a second synthetic hockey field at Jubilee Park to cater for increased number of players	1994	250000	12	88	30000	0	220000
RF4	NEW ENCLOSED SPORTING FACILITY Development of a multi purposed outdoor enclosure to meet a demonstrated need for this additional city wide facility	1994-1997	350000	23	77	80500	94500	175000
RF5	GISSING OVAL - SOCCER COMPLEX Development of a city wide soccer complex as approved by Council in early 1993. Approval given after research carried out by Council, Soccer Association and the Department of Sport, Recreation and Racing	1994-1995	150000	17	83	25500	24500	100000
RF6	ROBERTSON OVAL - CRICKET/FOOTBALL FACILITY Ongoing development of Robertson Oval as the city wide venue for cricket and Australian Rules football	1994-1996	50000	30	70	15000	20000	15000
RF7	FRENCH'S FIELD - SOFTBALL FACILITY Development of French's Field as a city wide softball facility in line with Council's authorisation and following investigation by Council and the Softball Association into present and future requirements	1993	50000	30	70	15000	0	35000
RF8	SWIMMING POOLS - INDOOR POOL (STAGE 1) Provision of an additional 25 metre pool to cater for the City's growing population. The current pools can no longer cater for usage during peak periods	1997	1500000	50	50	750000	500000	250000
RF9	NETBALL FACILITY Development of a new netball complex to cater for increasing population. Complex will have a capacity for at least 25 courts, however, the cost estimates are based on providing 15 courts, 10 of which replace existing 10 courts available with Section 94 to contribute to 5 additional courts required due to population growth. This is a city wide facility	1995-2000	600000	37.5	62.5	225000	50000	325000
RF10	STADIUM Provision of an indoor stadium equivalent in size to 2 basketball courts. Current city wide facilities have reached maximum usage during peak hour periods and this stadium is required to meet future demand.	1999	1000000	60	40	600000	400000	0
RF11	BOTANIC GARDENS - CARPARKING Current carparking facilities in this city wide facility have reached capacity. This allows for additional carparking in accordance with Council's adopted Draft Management Plan for Willians Hill	1994-2004	150000	50	50	75000	75000	0

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
RF12	<b>BOTANIC GARDENS ZOO-DEVELOP NEW ENCLOSURES</b> Progressive development of new enclosures to allow for increased number of users to this facility	1994-2004	125000	24	76	30000	95000	0
RF13	<b>BOTANIC GARDENS - INGROUND IRRIGATION</b> Installation of inground automatic irrigation system. This allows for greater use of lawn areas brought about by increased user numbers. Surveys have indicated that this area cannot be used by increased numbers of users during the peak summer period due to necessity to water during daylight hours. Automatic watering at night will allow increased usage as population grows.	1994-2004	200000	25	75	50000	150000	0
RF14	<b>RAWLINGS PARK - SPORTS GROUND EXTENSION</b> Provision of additional city wide sports facilities due to population growth	1996	80000	25	75	20000	60000	0
RF15	<b>RAWLINGS PARK BUSHLAND RESERVE</b> Development of tracks and tree planting for this city wide bushland reserve facility. This is in line with Council's adopted management plan for this area	1994-2000	25000	25	75	6250	18750	0
	<b>SUB TOTAL</b>		<b>4585000</b>			<b>1939750</b>	<b>1525250</b>	<b>1120000</b>
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	Rawlings Park (1)		550					
	Lake Albert Foreshore (2)		11943					
	Willans Hill Hillscapes (4)		15000					
	Lakehaven Foreshore (7)		10000					
	Heating of Baths (8)		15000					
	Botanic Gdns Carpark (9)		10000					
	Lakehaven Foreshore (9)		15000					
	Bolton Pk Stadium (10)		30000					
	Robertson Oval Openspace (10)		5000					
	Northern Lake (11)		120000					
	Bolton Pk Stadium Ext (11)		40000					
	Willans Hill Reafforestation (12)		10000					
	Freelife Aviary (12)		20000					
	Bolton Pk Ext (14)		62000					
	Freelife Aviary (14)		20000					
	Botanic Gdn Zoo (14)		18000					
	Cricket Gnd Fac (15)		20000					
	Lakehaven Foreshore (15)		25000					
	Rawlings Pk Carpark (15)		10000					
	Lake Albert Cycleway (15)		60000					
	Botanic Gdn Toilets (16)		35000					
	Bolton Pk Improv (16)		25000					
	Swim Centre Ladies (17)		15000					
	Sprinkler Sys Comp (17)		8000					
	Wagga Beach BBQ (17)		8000					
	Amenities - Dk of Kent (17)		8000					
	Botanic Gdn R'works (17)		5000					
	Woolundry Lgn Foreshore (17)		10000					
	Botanic Gdn Sprinkler (17)		10000					
	Rawlings Park Land Purchase (Rukavina)		700000					



PRO- JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>							
	JUBILEE PARK CAR PARKING		300000	50	50	150000	150000	0
	RAWLINGS PARK CAR PARKING		100000	50	50	50000	50000	0
	<b>SUB TOTAL</b>		<b>ERR</b>			<b>ERR</b>	<b>ERR</b>	
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>							

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$	WORKS \$
	<b>*** WASTE DISPOSAL ***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
WD1	LAND ACQUISITION	1993	500000	25	75	125000	375000	0
WD3	RECYCLING SITE	1993	50000	25	75	12500	37500	0
WD4	INTERNAL ROADS	1993	60000	25	75	15000	45000	0
WD5	REHABILITATION VEGETATION & TREEPLANTIN	1993	70000	25	75	17500	52500	0
WD6	REHABILITATION VEGETATION	1994	50000	25	75	12500	37500	0
WD7	INTERNAL ROADS	1995	65000	25	75	16250	48750	0
WD8	REHABILITATION VEGETATION & TREEPLANTIN	1995	30000	25	75	7500	22500	0
WD9	DRAINAGE SYSTEM EMBELLISH	1995	50000	25	75	12500	37500	0
WD10	RECYCLING FACILITY BUILDING	1996	100000	25	75	25000	75000	0
WD11	INTERNAL ROADS	1997	70000	25	75	17500	52500	0
WD12	REHABILITATION VEGETATION & TREEPLANTIN	1988	40000	25	75	10000	30000	0
WD14	REHABILITATION VEGETATION & TREEPLANTIN	2000	40000	25	75	10000	30000	0
WD15	DRAINAGE SYSTEM EMBELLISH	2000	60000	25	75	15000	45000	0
WD16	INTERNAL ROADS	2000	70000	25	75	17500	52500	0
WD17	REHABILITATION	2001	50000	25	75	12500	37500	0
WD18	DRAINAGE SYSTEM EMBELLISH	2001	100000	25	75	25000	75000	0
WD19	INTERNAL ROADS	2001	120000	25	75	30000	90000	0
	<b>TOTAL</b>		<b>1525000</b>			<b>381250</b>	<b>1143750</b>	
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
	Gregadoo Waste Disposal (14)		67800					
	Gregadoo Tip (15)		82200					
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>							
	NEW PLANT (COMPACTOR)		400000	0	100	0	400000	0
	NEW PLANT (COMACTOR)		500000	0	100	0	500000	0
	NEW PLANT (COMPACTOR)		525000	0	100	0	525000	0
	<b>TOTAL</b>		<b>1425000</b>			<b>0</b>	<b>1425000</b>	
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>							

PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS		
				% S.94	% OTHER	S.94 \$	CAPITAL WORKS \$	GRANTS \$
	<b>***COMMUNITY FACILITIES***</b>							
<b>A</b>	<b>SECTION 94 PROJECTS</b>							
CF1	SOUTH EASTERN LONG DAY CARE CENTRE Land acquisition *When community site becomes available		80000	26	74	20800	59200	0
CF2	SOUTH EASTERN LONG DAY CARE CENTRE Construction of centre *When community site becomes available		300000	26	74	78000	222000	0
CF3	SOUTH WESTERN LONG DAY CARE CENTRE Land acquisition	1998	80000	43	57	34400	45600	0
CF4	SOUTH WESTERN LONG DAY CARE CENTRE Construction of centre		300000	43	57	129000	171000	0
CF5	NORTHERN LONG DAY CARE CENTRE Land acquisition * When community site becomes available		80000	84	16	67200	12800	0
CF6	NORTHERN LONG DAY CARE CENTRE Construction of centre * When community site becomes available		300000	84	16	252000	48000	0
CF7	SOUTH WESTERN COMMUNITY CENTRE Land acquisition * When community site becomes available		100000	43	57	43000	57000	0
CF8	SOUTH WESTERN COMMUNITY CENTRE Construction of centre		450000	43	57	193500	256500	0
	<b>SUB TOTAL</b>		<b>1690000</b>			<b>817900</b>	<b>872100</b>	
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>							
CF8	SOUTH WESTERN COMMUNITY CENTRE Construction of centre.  Ashmont Pre-School (3) Meals on Wheels (8) Pre-School Carpark (11) Koorngal Childcare Cent (14) Childcare Fac (15)		450000  4700 14500 15000 30000 50000					
<b>C</b>	<b>WITHOUT S94 FUNDING</b>							
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b>							
CF1	SOUTH WESTERN COMMUNITY CENTRE Construction of centre * When community site becomes available		450000	0	0	0	0	0
	<b>TOTAL</b>		<b>450000</b>			<b>0</b>	<b>0</b>	

PROJECT NO.	PROJECT TITLE & DESCRIPTION	YEAR	TOTAL COST \$	FINANCIAL SHARE		ALLOCATIONS	
				% S.94	% OTHER	S.94 \$	CAPITAL GRANTS \$ WORKS \$
	<b>***CULTURAL FACILITIES***</b>						
<b>A</b>	<b>SECTION 94 PROJECTS</b>						
CAF1	ART GALLERY EXPANSION	1995	1500000	17.14%	82.86%	257100	1242900 0
CAF2	LIBRARY EXPANSION	1995	1500000	21.16%	78.84%	317400	1182600 0
CAF6	CONVENTION CENTRE ESTABLISHMENT	1995	3000000	2.29%	97.71%	68700	2931300 0
	<b>TOTAL</b>		<b>6000000</b>			<b>643200</b>	<b>5356800</b>
<b>B</b>	<b>PROJECTS COMPLETED AND OR FUNDED ALREADY WHOLLY OR PARTIALLY FROM PREVIOUS S94 CONTRIBUTION PLAN WHICH HAVE A BENEFIT TO THIS PLAN</b>						
<b>C</b>	<b>PROJECTS TO BE COMPLETED BEFORE 2004 WITHOUT S94 FUNDING</b>						
CAF3	CIVIC THEATRE EXPANSION	1997	1500000	20.00%	80.00%	300000	1200000 0
CAF4	TOURIST CENTRE EXPANSION	1996	500000	8.75%	91.25%	43750	456250 0
CAF5	ADMINISTRATION BUILDING ADDITIONS	1995	4000000	22.85%	77.15%	914000	3086000 0
<b>D</b>	<b>PROJECTS UNLIKELY TO BE FUNDED BEFORE 2004</b> No Projects						
	<b>***PLANNING STUDIES***</b>						
<b>A</b>	<b>SECTION 94 PROJECTS</b> Unknown topics		600000	100	0	600000	
<b>B</b>	<b>PROJECTS PREVIOUSLY FUNDED FROM S94</b>						
	Dobney Ave Precint (1)		1320				
	Prep DCP (4)		10000				
	1986 Census Software (7)		1500				
	Lake Albert Nutrient Study (15)		25000				
	Cultural Needs Survey (16)		15000				
	Sect 94 Prep (16)		80000				
	Survey & Design Lloyd (16)		40000				
	Recreation Study (17)		5000				
	<b>TOTAL (ALL PROJECTS)</b>					<b>14621685</b>	<b>15180052</b>

# APPENDIX 3

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT NO.	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/Turvey P	Zone 2 Koor-ingal	Zone 3 Lake Albert	Zone 4 Tatton	Zone 5 Bourke-lands	Zone 6 Glen-field	Zone 7 Mt Aust/Tolland	Zone 8 Ash-mont	Zone 9 Estella	Zone 10 Boor-ooma	Zone 11 Cartwts Hill	Zone 12 Hamm'd Ave	Zone 13 CBD South	Zone 14 Lloyd	Zone 15 Forest Hill
	EST. DWELLING GROWTH (1993-2004) ***ROADS***		602	192	62	466	551	1084	90	75	718	261	307			367	428
<b>A</b>	<b>SECTION 94 PROJECTS</b>																
R1	LAKE ALBERT RD - JAMES ST TO PLUMPTON RD STAGE 1: JAMES ST TO STANLEY ST 450M Widening to provide four travelling and two parking lanes including k&g, drainage and driveways reconstruction. 450m @ \$470/m	212000	23931	7632	2465	18525	21904	43092	3578	2981	28542	10375	12204	0	0	14589	17014
R2	RED HILL RD-BOURKE ST TO PLUMPTON RD ST.1: PLUMPTON RD TO HENWOOD AVE Two lane rural road 6.0 wide to replace service road as the through road. 700m @ \$220/m	154000	17384	5544	1790	13457	15911	31302	2599	2166	20734	7537	8865	0	0	10598	12359
R3	GLENFIELD RD - RED HILL RD TO LLOYD ACCESS ROAD Two lane rural road providing access to Lloyd. 500m @ \$300/m	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038
R4	GLENFIELD RD-MANGOPLAH RD TO LLOYD ACCESS ROAD Two lane rural road to serve as Deviation of MR211. 500m @ \$300/m	75000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038
R5	COPLAND ST - EAST OF KOORINGAL RD STAGE 1: 200M WEST BLAXLAND RD TO TO BLAXLAND RD 200m on old road reserve just west of Blaxland Rd. Parking lane and k&g cost to developer. Two travelling lanes 50% s.94 and 50% benefit to existing community.	20000	2258	720	233	1748	2066	4065	338	281	2693	979	1151	0	0	1376	1605
R6	RED HILL RD - BOURKE ST TO PLUMPTON RD ST. 2: BOURKE ST TO HENWOOD AVE 1200M Two lane rural road 6.0m wide to replace service road as the through road. 1200m @ \$220/m	264000	29801	9505	3069	23068	27276	53661	4455	3713	35543	12920	15197	0	0	18168	21187

S.94 PROJECTS AND APPORTIONMENT													
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Lake	Zone 3 Tatton	Zone 4 Bourke- Glen-	Zone 5 Mt Aust/ Ash-	Zone 6 Estella	Zone 7 Boor- Boor-	Zone 8 Cartwts Hammd	Zone 9 CBD	Zone 10 Lloyd	Zone 11 Forest
R7	BOURKE STREET - RED HILL RD TO BOURKELANDS ACCESS RD Widening to provide four travelling lanes. 1000m @ \$250/m	250000	28221	9001	21845	25830	4219	39658	12235	14392	0	17204	20064
R8	FERNLEIGH RD -RAILWAY TO GLENFIELD RD Widening to provide four travelling lanes and north side parking lane. Note:Partly completed north side parking lane. Allow \$95000 to complete.	70000	7902	2520	6117	7232	1181	9424	3426	4030	0	4817	5618
R9	FERNLEIGH RD -RAILWAY TO GLENFIELD RD - PARKING LANE This project should be a direct charge on frontage development. Included as enabling clause.												
R10	LAKE ALBERT RD-JAMES ST TO PLUMPTON RD ST. 2. STANLEY ST TO PLUMPTON RD 850M Widening to provide four travelling and two parking lanes including k&g , drainage and driveways reconstruction. 850m @ \$470/m	400000	45153	14401	34952	41328	6750	53853	19576	23026	0	27527	32102
R11	COPLAND ST -EAST OF KOORINGAL RD ST.3:KOORINGAL RD TO EAST OF MARSHALL'S CK Construction of new two lane road to provide alternative link to Hammond Ave Industrial Area (includes two lane single span r/c bridge, and approach works). Roadworks 400m @ \$200/m Bridge \$120000	100000	11288	3600	8738	10332	1688	13463	4894	5757	0	6882	8026
R13	ESTELLA RD -PINE GULLY RD TO GUNN DR Seal 6.0m wide to embellish existing gravel road. 650m @ \$80/m	52000	5870	1872	4544	5373	878	7001	2545	2993	0	3578	4173
R14	ELIZABETH AVE ROUNDABOUTS Two roundabouts at Elizabeth Ave. Funding directly by Brunskill. Included as enabling clause.	0											

S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/ Ash-	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
R15	COPLAND ST PARKING LANE AND K&G WEST BLAXLAND RD. Direct cost to developer. Enabling clause only.	0															
	<b>TOTAL ROADS</b>	2029000	205671	65596	21182	169207	188247	370346	30748	25623	245302	89170	104885	0	0	125384	146226
	<b>S.94 ROADS CONTRIBUTION PER DWELLING</b>		389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97			389.97	389.97



S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
A	<p>***TRAFFIC FACILITIES***</p> <p>SECTION 94 PROJECTS</p>																	
T2	<p>HENWOOD AVE/TAMAR DR/RED HILL RD INTERSECTION</p> <p>Roundabout construction to improve intersection which is nearing capacity now. The extra traffic will create the need for a roundabout. This roundabout is required due to growth in Tatton and other southern areas.</p>	120000	13546	4320	1395	10486	12398	24392	2025	1688	16156	5873	6908	0	0	8258	9631	
T3	<p>HAMMOND AVE/KOORINGAL RD INTERSECTION</p> <p>Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. It is possible RTA may have a grant available. However the demand for RTA funds make it unlikely to be 100% RTA funded. Total Cost = \$250 000 , say 50% RTA funded.</p>	125000	14110	4500	1453	10923	12915	25408	2110	1758	16829	6118	7196	0	0	8602	10032	
T4	<p>TARCUTTA ST/JOHNSON ST INTERSECTION</p> <p>Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.</p>	180000	20319	6480	2093	15728	18597	36587	3038	2531	24234	8809	10362	0	0	12387	14446	
T5	<p>FORSYTH ST/PETER ST INTERSECTION</p> <p>Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout.</p>	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038	
T6	<p>BAYLIS ST/MORROW ST INTERSECTION</p> <p>Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.</p>	150000	13546	4320	1395	10486	12398	24392	2025	1688	16156	5873	6908	0	0	8258	9631	

S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aus/ Ash-	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts Hamm'd	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
T7	GLENFIELD RD/RED HILL RD INTERSECTION Roundabout construction to improve intersection which is nearing capacity now. The extra traffic will create the need for a roundabout. This roundabout is required due to growth in Lloyd, Bourkelands and Glenfield.	180000	20319	6480	2093	15728	18597	36587	3038	2531	24234	8809	10362	0	0	12387	14446
T8	BOURKE ST/RED HILL RD INTERSECTION Roundabout construction in conjunction with Stage 1 construction of Red Hill Rd across to Koorngal Rd replacement of service road. The extra traffic from growth of the city requires the need for the roundabout.	250000	28221	9001	2906	21845	25830	50816	4219	3516	33658	12235	14392	0	0	17204	20064
T9	LAKE ALBERT RD/PLUMPTON RD INTERSECTION Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. This roundabout is required due to growth in Tatton and southern areas.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038
T10	KOORINGAL RD/COPLAND ST INTERSECTION Roundabout construction to improve intersection which is nearing capacity now. The extra traffic will create the need for a roundabout. This roundabout is required due to growth in southern area and the need for an alternative road parallel to Hammond Ave as it overloads.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038
T11	LAKE ALBERT RD/RAILWAY ST INTERSECTION Traffic lights installation to improve intersection which is nearing capacity now. The traffic lights are required because of the growth in traffic due to growth of southern area.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	0	10323	12038

S.94 PROJECTS AND APPORTIONMENT																
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Lake	Zone 3 Tatton	Zone 4 Bourke-	Zone 5 Glen-	Zone 6 Mt Aust/ Ash-	Zone 7 Estella	Zone 8 Boor-	Zone 9 Cartwts Hamm'd	Zone 10 CBD	Zone 11 Lloyd	Zone 12 Forest		
T12	KOORINGAL ROAD/CHRISTIAN SCHOOL ENTRANCE Right turn lane on northbound lane for access to Christian school. Total Cost to Christian School	0	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	10323	12038
T13	BAYLIS ST/TOMPSON ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights. Note: RTA unlikely to give a grant because of the proposal to downgrade Baylis St from Classified Road to Local Road. The traffic lights will have a benefit in the redistribution of traffic flow.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	10323	12038
T14	MORGAN ST/TARCUTTA ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	10323	12038
T15	MORROW ST/TARCUTTA ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights.	150000	16932	5400	1744	13107	15498	30489	2531	2110	20195	7341	8635	0	10323	12038
T16	GLENFIELD RD/MANGOPLAH RD INTERSECTION Roundabout construction to improve intersection in conjunction with construction of Red Hill Rd East of Bourke St. This roundabout will be required because of the growth of southern area.	220000	24834	7920	2558	19224	22730	44718	3713	3094	29619	10767	12665	0	15140	17656

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
T17	STURT HWY/EUNONY BRIDGE RD INTERSECTION Roundabout construction to improve intersection which is at capacity now. The extra traffic has created the need for a roundabout. It is possible RTA may have a grant available. However the demand for RTA funds make it unlikely to be 100% RTA funded.	100000	11288	3600	1163	8738	10332	20326	1688	1406	13463	4894	5757	0	0	6882	8026
T18	BAYLIS ST/MORGAN ST INTERSECTION Traffic lights installation to improve intersection which is at capacity now. The extra traffic has created the need for a set of traffic lights. Note: RTA unlikely to give a grant because of the proposal to downgrade Baylis St from Classified Road to Local Road. The traffic lights will have a benefit in the redistribution of traffic flow.	30000	3386	1080	349	2621	3100	6098	506	422	4039	1468	1727	0	0	2065	2408
	<b>TOTAL TRAFFIC FACILITIES</b>	<b>2405000</b>	<b>268095</b>	<b>85505</b>	<b>27611</b>	<b>207529</b>	<b>245393</b>	<b>482749</b>	<b>40081</b>	<b>33401</b>	<b>319754</b>	<b>116234</b>	<b>136719</b>	<b>0</b>	<b>0</b>	<b>163440</b>	<b>190606</b>
	<b>S.94 TRAFFIC CONTRIBUTION PER DWELLING</b>		<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>445.34</b>	<b>ERR</b>	<b>ERR</b>	<b>445.34</b>	<b>445.34</b>

S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwrs	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
A	***CYCLEWAYS***																	
	<b>SECTION 94 PROJECTS</b>																	
C1	GARDINER ST AND BOOROOMA ST A commuter route linking Estella and Charles Sturt University to northern end of Central Wagga. The route follows: Boorooma Street, Gardiner St to Wall St then across North Wagga Flats. Boorooma Street widening (both sides 2m): 2200 m @ \$71.80/m = \$158000 Signs: 11 No. @ \$300 ea = \$3300 Linemarking: = \$6930 Granite path across North Wagga Flats: 600 m @ \$20/m = \$12000	4575									3355	1220						
C2	BOURKE STREET A commuter route providing access from southern neighbourhoods, Bourkelands, Tolland, Mount Austin, Glenfield to Turvey Park and onto the CBD. The route follows: Bourke Street from Red Hill Rd to Coleman St and meets Route 9 at Norman St/Coleman St intersection. Signs: 20 No. @ \$300 ea = \$6000 Linemarking: 2200 m @ \$1.10/m = \$2430 Construct laybacks and paths across existing cul-de-sacs = \$9000	2125					560	1101	91							373		
C3	MOUNT AUSTIN TO GLENFIELD PARK A route from Bourke St, Mount Austin to Red Hill Rd, Glenfield linking Glenfield with Tolland shopping centre and Mount Austin High School. The route follows: The Public Reserve/Transmission Easement from Bourke st across Glenfield Rd and through Glenfield to Red Hill Rd. Signs: Say 10 No. @ \$300 ea = \$3000 Construction of bitumen seal bicycle track: 2600 m @ \$40/m = \$104000	5350						5350										

S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
C4	RED HILL ROAD AND GLENFIELD ROAD A route providing east-west access between neighbourhoods on either side of Willians Hill. The route follows: From Plumpton Rd west along Red Hill Rd over Willians Hill to Glenfield Rd then north along Glenfield Rd to Dalman Parkway. RED HILL RD SECTION: Signs: Say 8 No. @ \$300 ea = \$2400 Construction of off-road bicycle track: 1200 m @ \$21/m = \$25200 Construct road widening for cycle lane: 1600 m @ \$21/m = \$33600 GLENFIELD ROAD SECTION: Signs: Say 6 No. @ \$300 ea = \$1800 Construction of shared pedestrian/bicycle track: 1000 m @ \$45/m = \$45000 Construction of small bridge across Glenfield Drain: 45 m <sup>2</sup> @ \$410/m <sup>2</sup> = \$18500	6300	0	0	0	1171	1673	9201	320	0	3355	1220	0	0	0	0	1410	0
	<b>TOTAL CYCLEWAYS</b>	18350	0.00	0.00	0.00	2.51	3.04	8.49	3.56	0.00	4.67	4.67	0.00	ERR	ERR	3.84	0.00	
	<b>S.94 CYCLEWAYS CONTRIBUTION PER DWELLING</b>																	

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
A	<b>***DRAINAGE***</b> <b>SECTION 94 PROJECTS</b>																
D1	JUBILEE PARK DRAIN - MANGOPLAH RD TO RED HILL RD TRICKLE FLOW PIPE Construction of 450 dia trickle flow pipe through Jubilee Park to alleviate constantly wet and boggy conditions in overland flow drain through Jubilee Park. 500 m @ \$130/m	32500					32500										
D2	BROAD STREET BASIN Construct detention basin.	20000	20000														
D3	GLENFIELD ROAD DRAIN - RED HILL RD TO DALMAN PARKWAY TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 450 dia trickle flow pipe and landscaping. 1000 m @ \$130/m	130000					35779	70390								23831	
D4	RED HILL RD DRAIN - JUBILEE PARK DAM TO GLENFIELD RD DRAIN TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of open drain by construction of 450 dia trickle flow pipe and landscaping. 400 m @ \$140/m	28000					28000										
D5	RED HILL ROAD DRAIN - PLUMPTON RD TO WILLANS HILL RESERVE TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Construct grass lined drain and 450 dia trickle flow pipe. 600 m @ \$180/m	108000				108000											

S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
D6	TATTON TRUNK DRAINAGE - TRICKLE FLOW PIPE AND SHAPED GRASS-LINED OVERFLOW DRAIN Trickle flow pipe and shaped grass-lined overflow drain in Drainage Reserve from Plumpton Rd near Lansdowne Ave to O'Halloran Park near Lake Albert Rd. 900 m @ \$220/m	148500			17438	131063												
D7	GLENFIELD RD DRAIN - FERNLEIGH RD TO RAILWAY TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 600 dia trickle flow pipe and landscaping. 500 m @ \$200/m	50000				13169	25908	2151								8772		
D8	PLUMPTON RD DRAINAGE - TRICKLE FLOW PIPE AND SHAPED GRASS-LINED OVERFLOW DRAIN Along west side of Plumpton Rd from culvert to 400m south. 400 m @ \$220/m	88000				88000												
D9	ELIZABETH AVE DRAIN TRICKLE FLOW PIPE Construction of grass-lined outfall drain with 450 dia trickle flow pipe and landscaping. 600 m @ \$180/m	54000																54000
D10	RED HILL ROAD DRAIN - BOURKE ST TO WILLANS HILL RESERVE TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Construct grass-lined drain and 450 dia trickle flow pipe. 700 m @ \$180/m	126000					126000											



S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
D12	PEARSON STREET DRAIN - RAILWAY TO DOBNEY AVE CONCRETE-LINED DRAIN Upgrading of roadside open drain by construction of concrete-lined drain and landscaping. (see para 3.6.2)	200000					52677	103633	8604							35086	
D13	DRAIN WEST OF SAXON STREET - DOBNEY AVE TO EDWARD ST Upgrading of existing open drain by construction of 600 dia trickle flow pipe and landscaping, includes a section on north side of Hartwig Trucks. (see para 3.6.2)	125000					31784	62529	5192	4326						21170	
D14	INDUSTRIAL LAND BLAKE/BEAZLEY AREA  LAND PURCHASE DRAIN ALONG LEVEE BANK	64000 8500												64000 8500			
	CONSTRUCT DETENTION PONDAGE	1500												1500			
	CULVERT ACROSS COPLAND STREET	1300												1300			
	BLAKE/BEAZLEY PUMPING STATION	86000												86000			
D15	CARTWRIGHTS HILL TRUNK DRAINAGE- BOMEN RD TRICKLE FLOW PIPE AND GRASS-LINED DRAIN Upgrading of table drain by construction of grass-lined open drain and 450 dia trickle flow pipe. 300 m @ \$180/m	43200											43200				

S.94 PROJECTS AND APPORTIONMENT																
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella Boor-	Zone 10 Cartwts	Zone 11 Hamm'd	Zone 12 CBD	Zone 13 Lloyd	Zone 14 Forest
D16	CARTWRIGHTS HILL TRUNK DRAINAGE - COORAMIN ST TRICKLE FLOW PIPE AND GRASS-LINED DRAIN Upgrading of table drain by construction of grass-lined open drain and 450 dia trickle flow pipe. 300 m @ \$180/m	43200										43200				
D17	RED HILL RD DRAIN - LLOYD ACCESS RD TO GLENFIELD RD TRICKLE FLOW PIPE AND GRASS-LINED OVERFLOW DRAIN Upgrading of roadside open drain by construction of 450 dia trickle flow pipe and landscaping. 350 m @ \$220/m	77000													77000	
D18	CENT. AREA UPGRADE	500000	500000													
D19	TATTON CONTOUR BANKING Provision of contour banks in open space above Tatton to divert runoff to drainage corridors.	25000				25000										
D20	BOURKELANDS CONTOUR BANKING Provision of contour banks in open space above Bourkelands to divert runoff to drainage corridors.	30000					30000									
D21	UNFORSEEN DRAINAGE This is to allow for projects that cannot be foreseen until a particular development application is submitted. The cost and scheduling of these projects depends on the type of development and when the D.A. is submitted.	0														

S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/ Ash-	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	TOTAL DRAINAGE	1989700	520000	0	17438	352063	333342	268911	16333	4428	0	0	86400	161300	0	175486	64000
	S.94 DRAINAGE CONTRIBUTION PER DWELLING		863.79	0.00	281.25	755.50	604.98	248.07	181.48	59.04	0.00	0.00	281.43	ERR		478.16	126.17
														(/Ha)	(/m2)		

S.94 PROJECTS AND APPORTIONMENT																
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Lake	Zone 3 Tatton	Zone 4 Bourke-	Zone 5 Glen-	Zone 6 Mt Aust/ Ash-	Zone 7 Estella	Zone 8 Boor-	Zone 9 Cartwts	Zone 10 Hammd	Zone 11 CBD	Zone 12 Lloyd	Zone 13 Forest	
A	<b>SECTION 94 PROJECTS</b>															
B1	TRIVERS ST BRIDGE Hampden Bridge replacement. The current proposition is for Council to fund and construct the \$4.0M bridge in 1994 with RTA assisting with repayments.	800000	90306	28802	69904	82655	162610	13501	107707	39152	46053	0	0	55053	64204	
	<b>TOTAL BRIDGES</b>	<b>800000</b>	<b>90306</b>	<b>28802</b>	<b>69904</b>	<b>82655</b>	<b>162610</b>	<b>13501</b>	<b>107707</b>	<b>39152</b>	<b>46053</b>	<b>0</b>	<b>0</b>	<b>55053</b>	<b>64204</b>	
	<b>S.94 BRIDGES CONTRIBUTION PER DWELLING</b>		<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>150.01</b>	<b>ERR</b>	<b>ERR</b>	<b>150.01</b>	<b>150.01</b>	

S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	****FOOTPATHS***																
A	<b>SECTION 94 PROJECTS</b>																
	Footpaths along collector streets, arterial roads, etc. to link residential areas with schools, shops, parks, churches, neighbourhood centres. Construction of 1200 wide x 75 th concrete footpaths (including reinstatement of lawns, etc.) at the following locations: Cost=\$38000/km																
	<b>CENTRAL/TURVEY PARK</b> Developing area : 0.0 km	0	0														
	<b>KOORINGAL</b> Developing area : 1.1 km	41952		41952													
	<b>LAKE ALBERT</b> Developing area : 0.6 km	23142			23142												
	<b>TATTON</b> Developing area : 1.8 km	68000				68000											
	<b>BOURKELANDS</b> Developing area : 2.9 km	109440					109440										
	<b>GLENFIELD</b> Developing area : 5.3 km	202950						202950									
	<b>MT AUSTIN/TOLLAND</b> Developing area : 0.7 km	26676							26676								
	<b>ASHMONT</b> Developing area : 0.7 km	25125								25125							
	<b>ESTELLA</b> Developing area : 3.6 km	138600															138600

S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aus/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	BOOROOMA Developing area : 0.6 km	23000										23000					
	CARTWRIGTHS HILL Developing area : 0.4 km	14950											14950				
	LLOYD Developing area : 1.2 km	45600														45600	
	FOREST HILL Developing area : 0.7 km	28350															28350
	<b>TOTAL FOOTPATHS</b>	<b>747785</b>	<b>0</b>	<b>41952</b>	<b>23142</b>	<b>86970</b>	<b>77839</b>	<b>202950</b>	<b>26676</b>	<b>25125</b>	<b>154622</b>	<b>34280</b>	<b>18946</b>	<b>0</b>	<b>0</b>	<b>32391</b>	<b>25978</b>
	<b>S.94 FOOTPATHS CONTRIBUTION PER DWELLING</b>		<b>0.00</b>	<b>218.50</b>	<b>373.26</b>	<b>186.63</b>	<b>141.27</b>	<b>187.22</b>	<b>296.40</b>	<b>335.00</b>	<b>215.35</b>	<b>131.34</b>	<b>61.39</b>	<b>ERR</b>	<b>ERR</b>	<b>88.26</b>	<b>60.70</b>

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwrs	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
A	<p>***CARPARKING C.B.D.***</p> <p><b>SECTION 94 PROJECTS</b></p> <p>Additional carparking provided in the C.B.D. by construction of multi-storey carpark above Council's existing ground level carparks and new ground-level carpark in Berry St area.</p> <p>Land costs = \$3000/space</p> <p>Construction costs: Multi-level=\$10 000/space Ground-level=\$3000/space</p> <p>Average cost of carparking = \$7000/space</p> <p>400 car spaces needed @ \$7000/space=\$2 790 000</p>	1116000	64562	20591	6649	49977	59092	116254	9652	8043	77002	27991	32924	0	0	39359	45901
	<b>S.94 CARPARKING CONTRIBUTION PER DWELLING</b>		107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	ERR	107.25	107.25

S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamun'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
	***SUBURB LOCAL OPEN SPACE/RECREATION FACILITIES***																	
LF1	TRUSCOTT DRIVE BEST GRAVES Establish a Heritage Park.	45000								45000								
LF2	BOOROOMA SUBURB ENTRY TREATMENT	15000										15000						
LF3	BOOROOMA LOCAL PLAYGROUND Establish local playground, irrigation and planting.	35000										35000						
LF4	BOOROOMA BUFFER PLANTING	30000										30000						
LF5	BOURKELANDS LOCAL OVAL AND CARPARK	95000					95000											
LF6	BOURKELANDS LOCAL PLAYGROUNDS (2 NO.) Establish local playgrounds, irrigation and planting.	70000					70000											
LF7	BOURKELANDS OPEN SPACE AND BUFFER PLANTING Planting for open space,buffer and basin including fencing.	27000					27000											
LF8	BOURKELANDS ENVIRONMENTAL PROTECTIO Environmental protection of the hillscape including planting and contouring.	20000					20000											
LF9	BOURKELANDS SUBURB ENTRY TREATMENT	15000					15000											
LF10	CARTWRIGHTS HILL SUBURB ENTRY TREATM	15000					15000						15000					
LF11	CARTWRIGHTS HILL LOCAL PLAYGROUND Local playground, irrigation and planting	35000					35000						35000					
LF12	CARTWRIGHTS HILL BUFFER PLANTING Cartwrights Hill buffer planting to industrial areas	60000					60000						60000					



S.94 PROJECTS AND APPORTIONMENT																	
PRO- JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ 6000	Zone 2 Koor- 5250	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aus/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
LF13	CENTRAL WAGGA WOLLUNDY LAGOON Wollundry Lagoon Environmental protection	6000	6000														
LF14	CENTRAL WAGGA- GOSSETT & MCKINNON RESERVE Gossett & McKinnon Reserve Playground facilities	5250	5250														
LF15	CENTRAL WAGGA - BELLING PARK Embellish equipment, grass areas and plantings	5250	5250														
LF16	ESTELLA NEIGHBOURHOOD OVAL Estella Neighbourhood Oval, amenities, irrigation and car parking	190000									190000						
LF17	ESTELLA -TWO LOCAL PLAYGROUNDS Two local playgrounds, irrigation and planting	70000									70000						
LF18	ESTELLA TENNIS COURT	45000									45000						
LF19	ESTELLA-PLANTING FOR OPEN SPACE Planting for open space, buffer and basin	40000									40000						
LF20	FOREST HILL NEIGHBOURHOOD PARK Neighbourhood park and playground	51000															51000
LF21	FOREST HILL LOCAL PARKS Forest Hill three local parks and playgrounds	105000															105000
LF22	FOREST HILL EMBELLISH PARK AND PLAYGRO Embellish existing park and playground and kerb and gutter	6750															6750
LF23	GLENFIELD PARK NEIGHBOURHOOD OVAL Neighbourhood oval, amenities and car parking	190000														190000	
LF24	GLENFIELD PARK NEIGHBOURHOOD PLAYGR Neighbourhood playground	41000														41000	

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-170000	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
LF25	GLENFIELD PARK LOCAL PLAYGROUNDS Four local playgrounds, irrigation and planting	170000															
LF26	GLENFIELD PARK - EMBELLISH Existing park embellish, irrigation, paths and entrance	40000						40000									
LF27	GLENFIELD PARK - PLANTING Planting for open space, buffer, basin and fencing	40000						40000									
LF28	GLENFIELD PARK SUBURB ENTRY TREATMEN	30000						15000									
LF29	KOORINGAL - SHERWOOD AVENUE PARK Embellish playground.	20000		20000													
LF30	LLOYD - LOCAL PLAYGROUND Local playground, irrigation and planting	41000														41000	
LF31	LLOYD - PLANTING Planting for open space, buffer, basin and fencing	25000														25000	
LF32	LLOYD - SUBURB ENTRY TREATMENT	30000															
LF33	TATTON LOCAL PLAYGROUNDS Two local playgrounds irrigation and planting	70000				70000											
LF34	TATTON - PLANTING Planting for open space, buffer, basin and fencing	10500				10500											

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton 10000	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
LF35	Environmental protection (Hillscape) planting and contouring	10000				10000											
LF36	TATTON - SUBURB ENTRY TREATMENTS	30000				30000											
	TOTAL LOCAL OPEN SPACE/RECREATION FACILITIES	1733750	16500	20000	0	120500	227000	496000	0	45000	345000	80000	110000	0	0	96000	162750
	S94 LOCAL OPEN SPACE/RECREATION FACILITIES CONTRIBUTION PER DWELLING		27.41	104.17	0.00	258.58	411.98	457.56	0.00	600.00	480.50	306.51	358.31	ERR	ERR	261.58	380.26

S.94 PROJECTS AND APPORTIONMENT																
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Lake	Zone 3 Tatton	Zone 4 Bourke-	Zone 5 Glen-	Zone 6 Mt Aust/ Ash-	Zone 7 Estella	Zone 8 Boor-	Zone 9 Cartwts	Zone 10 Hamm'd	Zone 11 CBD	Zone 12 Lloyd	Zone 13 Forest	
	<b>***CITY WIDE OPEN SPACE AND RECREATIONAL FACILITIES***</b>															
RF1	WILLANS HILL WALKWAYS AND CYCLEWAYS Establish walkways and cycleways	12500	1446	461	1120	1324	2604	216	180	1725	627	738	0	882	1028	
RF2	WILLANS HILL ENVIRONMENTAL PROTECTION Environmental protection planting	5000	579	185	448	530	1042	86	72	690	251	295	0	353	411	
RF3	JUBILEE PARK SYNTHETIC HOCKEY COURT	30000	3471	1107	2687	3177	6250	519	432	4140	1505	1770	0	2116	2468	
RF4	JUBILEE PARK NEW ENCLOSED SPORTING FACILITY	80500	9314	2971	7210	8525	16771	1392	1160	11109	4038	4750	0	5678	6622	
RF5	GISSING OVAL REGIONAL SOCCER COMPLEX	25500	2950	941	2284	2700	5313	441	368	3519	1279	1505	0	1799	2098	
RF6	ROBERTSON OVAL - CRICKET/FOOTBALL FACILITIES Provide regional cricket/football facilities	15000	1736	554	1343	1589	3125	259	216	2070	752	885	0	1058	1234	
RF7	FRENCHES FIELD - SOFTBALL FACILITY	15000	1736	554	1343	1589	3125	259	216	2070	752	885	0	1058	1234	
RF8	SWIMMING POOLS - INDOOR POOL	750000	86777	27676	67173	79425	156256	12973	10811	103498	37623	44253	0	52902	61695	
RF9	NETBALL FACILITY 15 courts and toilets, changerooms, kiosk and storerooms	225000	26033	8303	20152	23828	46877	3892	3243	31049	11287	13276	0	15871	18509	
RF10	STADIUM Two indoor sports courts and amenities	600000	69421	22141	53738	63540	125005	10379	8649	82798	30098	35403	0	42322	49356	

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamrn'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
RF11	BOTANIC GARDENS CARPARKING	75000	8678	2768	894	6717	7943	15626	1297	1081	10350	3762	4425	0	0	5290	6170
RF12	BOTANIC GARDENS ZOO UPGRADING & DEVELOPING	30000	3471	1107	357	2687	3177	6250	519	432	4140	1505	1770	0	0	2116	2468
RF13	BOTANIC GARDENS INGROUND IRRIGATION	50000	5785	1845	596	4478	5295	10417	865	721	6900	2508	2950	0	0	3527	4113
RF14	RAWLINGS PARK SPORTS GROUND EXTENSI	20000	2314	738	238	1791	2118	4167	346	288	2760	1003	1180	0	0	1411	1645
RF15	RAWLINGS PARK BUSHLAND RESERVE Bushland reserve planting and tracks	6250	723	231	74	560	662	1302	108	90	862	314	369	0	0	441	514
<b>TOTAL CITY WIDE OPEN SPACE/RECREATION FACIL</b>		<b>1939750</b>	<b>224434</b>	<b>71580</b>	<b>23114</b>	<b>173731</b>	<b>205420</b>	<b>404130</b>	<b>33553</b>	<b>27961</b>	<b>267680</b>	<b>97304</b>	<b>114454</b>	<b>0</b>	<b>0</b>	<b>136823</b>	<b>159564</b>
<b>S94 CITY WIDE OPEN SPACE/RECREATION FACILITIES</b>			<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>372.81</b>	<b>ERR</b>	<b>ERR</b>	<b>372.81</b>	<b>372.81</b>
<b>CONTRIBUTION PER DWELLING</b>																	

S.94 PROJECTS AND APPORTIONMENT																		
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest	
	***WASTE DISPOSAL***																	
A	PROJECTS IN S94 PLAN AND IN 12 YEAR PERIOD																	
WD1	LAND ACQUISITION	125000	14463	4613	1490	11195	13238	26043	2162	1802	17250	6270	7376	0	0	8817	10283	
WD3	RECYCLING SITE	12500	1446	461	149	1120	1324	2604	216	180	1725	627	738	0	0	882	1028	
WD4	INTERNAL ROADS	15000	1736	554	179	1343	1589	3125	259	216	2070	752	885	0	0	1058	1234	
WD6	REHABILITATION VEGETATION & TREEPLANTI	17500	2025	646	209	1567	1853	3646	303	252	2415	878	1033	0	0	1234	1440	
WD6	REHABILITATION VEGETATION	12500	1446	461	149	1120	1324	2604	216	180	1725	627	738	0	0	882	1028	
WD7	INTERNAL ROADS	16250	1880	600	194	1455	1721	3386	281	234	2242	815	959	0	0	1146	1337	
WD8	REHABILITATION VEGETATION & TREEPLANTI	7500	868	277	89	672	794	1563	130	108	1035	376	443	0	0	529	617	
WD8	DRAINAGE SYSTEM EMBELLISH	12500	1446	461	149	1120	1324	2604	216	180	1725	627	738	0	0	882	1028	
WD10	RECYCLING FACILITY BUILDING	25000	2893	923	298	2239	2648	5209	432	360	3450	1254	1475	0	0	1763	2057	
WD11	INTERNAL ROADS	17500	2025	646	209	1567	1853	3646	303	252	2415	878	1033	0	0	1234	1440	
WD12	REHABILITATION VEGETATION & TREEPLANTI	10000	1157	369	119	896	1059	2083	173	144	1380	502	590	0	0	705	823	
WD14	REHABILITATION VEGETATION & TREEPLANTI	10000	1157	369	119	896	1059	2083	173	144	1380	502	590	0	0	705	823	
WD15	DRAINAGE SYSTEM EMBELLISH	15000	1736	554	179	1343	1589	3125	259	216	2070	752	885	0	0	1058	1234	
WD16	INTERNAL ROADS	17500	2025	646	209	1567	1853	3646	303	252	2415	878	1033	0	0	1234	1440	
WD17	REHABILITATION	12500	1446	461	149	1120	1324	2604	216	180	1725	627	738	0	0	882	1028	
WD18	DRAINAGE SYSTEM EMBELLISH	25000	2893	923	298	2239	2648	5209	432	360	3450	1254	1475	0	0	1763	2057	
WD19	INTERNAL ROADS	30000	3471	1107	357	2687	3177	6250	519	432	4140	1505	1770	0	0	2116	2468	

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	TOTAL WASTE DISPOSAL	381250	44112	14069	4543	34146	40375	79430	6596	5496	52611	19125	22495	0	0	26892	31362
	S94 WASTE DISPOSAL CONTRIBUTION PER DWELLING		73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	ERR	ERR	73.28	73.28

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
<b>***COMMUNITY FACILITIES***</b>																	
<b>A PROJECTS IN S94 PLAN AND IN 12 YEAR PERIOD</b>																	
CF1	SOUTH EASTERN LONG DAY CARE CENTRE Land acquisition	20800	0	5547	1791	13462	0	0	0	0	0	0	0	0	0	0	0
CF2	SOUTH EASTERN LONG DAY CARE CENTRE Construction of centre	78000	0	20800	6717	50483	0	0	0	0	0	0	0	0	0	39758	0
CF3	SOUTH WESTERN LONG DAY CARE CENTRE Land acquisition	34400	0	0	0	0	8747	17208	1429	1191	0	0	0	0	0	5826	0
CF4	SOUTH WESTERN LONG DAY CARE CENTRE Construction of centre	129000	0	0	0	0	32801	64530	5358	4465	0	0	0	0	0	21847	0
CF5	NORTHERN LONG DAY CARE CENTRE Land acquisition	67200	0	0	0	0	0	0	0	0	37519	13639	16042	0	0	0	0
CF6	NORTHERN LONG DAY CARE CENTRE Construction of centre	252000	0	0	0	0	0	0	0	0	140697	51145	60159	0	0	0	0
CF7	SOUTH WESTERN COMMUNITY CENTRE Land acquisition	43000	0	0	0	0	10934	21510	1786	1488	0	0	0	0	0	7282	0
CF8	SOUTH WESTERN COMMUNITY CENTRE Construction of centre	193500	0	0	0	0	49201	96795	8036	6697	0	0	0	0	0	29321	0
<b>TOTAL COMMUNITY FACILITIES</b>			<b>0</b>	<b>26347</b>	<b>8508</b>	<b>63946</b>	<b>88972</b>	<b>204767</b>	<b>17001</b>	<b>14167</b>	<b>178216</b>	<b>64783</b>	<b>76201</b>	<b>0</b>	<b>0</b>	<b>111036</b>	<b>0</b>
<b>S94 COMMUNITY FACILITIES CONTRIBUTION PER DWELLING</b>			<b>0.00</b>	<b>137.22</b>	<b>137.22</b>	<b>137.22</b>	<b>161.47</b>	<b>188.90</b>	<b>188.90</b>	<b>188.90</b>	<b>248.21</b>	<b>248.21</b>	<b>248.21</b>	<b>ERR</b>	<b>ERR</b>	<b>302.55</b>	<b>0.00</b>



S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	<u>***CULTURAL FACILITIES***</u>																
A	<b>PROJECTS IN S94 PLAN AND IN 12 YEAR PERIOD</b>																
CAF1	ART GALLERY EXPANSION	257100	29747	9487	3064	23027	27227	53565	4447	3706	35479	12897	15170	0	0	18135	21149
CAF2	LIBRARY EXPANSION	317400	36724	11713	3782	28428	33613	66128	5490	4575	43800	15922	18728	0	0	22388	26109
CAF6	CONVENTION CENTRE ESTABLISHMENT	68700	7949	2535	819	6153	7275	14313	1188	990	9480	3446	4054	0	0	4846	5651
	<b>TOTAL CULTURAL FACILITIES</b>	<b>643200</b>	<b>74420</b>	<b>23735</b>	<b>7665</b>	<b>57607</b>	<b>68115</b>	<b>134005</b>	<b>11126</b>	<b>9272</b>	<b>88760</b>	<b>32265</b>	<b>37952</b>	<b>0</b>	<b>0</b>	<b>45389</b>	<b>52910</b>
S94	<b>CULTURAL CONTRIBUTION PER DWELLING</b>		<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>123.62</b>	<b>ERR</b>	<b>ERR</b>	<b>123.62</b>	<b>123.62</b>

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/ Koor-	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/ Ash-	Zone 8 Estella	Zone 9 Boor-	Zone 10 Cartwfs	Zone 11 Hamm'd	Zone 12 CBD	Zone 13 Lloyd	Zone 14 Forest	
	*****PLANNING STUDIES*****																
	TOTAL PLANNING STUDIES	600000	69421	22141	7160	53738	63540	125005	10379	8649	82798	30098	35403	0	0	42322	49366
	S94 PLANNING STUDIES CONTRIBUTION		115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	ERR	ERR	115.32	115.32

S.94 PROJECTS AND APPORTIONMENT																	
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/	Zone 2 Koor-	Zone 3 Lake	Zone 4 Tatton	Zone 5 Bourke-	Zone 6 Glen-	Zone 7 Mt Aust/	Zone 8 Ash-	Zone 9 Estella	Zone 10 Boor-	Zone 11 Cartwts	Zone 12 Hamm'd	Zone 13 CBD	Zone 14 Lloyd	Zone 15 Forest
	*****SUMMARY*****																
	TOTAL ROADS	2029000	205671	65596	21182	159207	188247	370345	30748	25623	245302	89170	104885	0	0	125384	146225
	S.94 ROADS CONTRIBUTION PER DWELLING		389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	389.97	0.00	0.00	389.97	389.97
	TOTAL TRAFFIC FACILITIES	2405000	268095	85505	27611	207529	245383	482749	40081	33401	319754	116234	136719	0	0	163440	190606
	S.94 TRAFFIC CONTRIBUTION PER DWELLING		445.34	445.34	445.34	445.34	445.34	445.34	445.34	445.34	445.34	445.34	445.34	ERR	ERR	445.34	445.34
	TOTAL CYCLEWAYS	18350	0	0	0	1171	1673	9201	320	0	3355	1220	0	0	0	1410	0
	S.94 CYCLEWAYS CONTRIBUTION PER DWELLING		0.00	0.00	0.00	2.51	3.04	8.49	3.56	0.00	4.67	4.67	0.00	ERR	ERR	3.84	0.00
	TOTAL DRAINAGE	1989700	520000	0	17438	352063	333342	268911	16333	4428	0	0	86400	161300	0	175485	54000
	S.94 DRAINAGE CONTRIBUTION PER DWELLING		863.79	0.00	281.25	755.50	604.98	248.07	181.48	59.04	0.00	0.00	281.43	ERR	0.00	478.16	126.17
	TOTAL BRIDGES	800000	90306	28802	9301	69904	82655	162610	13501	11251	107707	39152	46053	0	0	55053	64204
	S.94 BRIDGES CONTRIBUTION PER DWELLING		150.01	150.01	150.01	150.01	150.01	150.01	150.01	150.01	150.01	150.01	150.01	ERR	ERR	150.01	150.01
	TOTAL FOOTPATHS	747785	0	41952	23142	86970	77839	202950	26876	25125	154622	34280	18946	0	0	32391	25978
	S.94 FOOTPATHS CONTRIBUTION PER DWELLING		0.00	218.50	373.26	186.63	141.27	187.22	296.40	335.00	215.35	131.34	61.39	ERR	ERR	88.26	60.70
	TOTAL CARPARKING	1116000	64562	20591	6649	49977	59092	116254	9652	8043	77002	27991	32924	0	0	39359	45901
	S.94 CARPARKING CONTRIBUTION PER DWELLING		107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	107.25	ERR	ERR	107.25	107.25

S.94 PROJECTS AND APPORTIONMENT															
PRO-JECT	PROJECT TITLE & DESCRIPTION	S.94 COST \$	Zone 1 Central/Koor.	Zone 2 Lake Koor.	Zone 3 Lake Tatton	Zone 4 Bourke-Tatton	Zone 5 Bourke-Tatton	Zone 6 Glen-Tatton	Zone 7 Mt Aust/ Ash-	Zone 8 Estella	Zone 9 Boor.	Zone 10 Cartwts Hamm'd	Zone 11 CBD Lloyd	Zone 12 Forest	
	TOTAL LOCAL OPEN SPACE/RECREATION FACILITIES	1733750	16500	20000	0	120500	227000	496000	0	45000	345000	80000	110000	0	162750
	S94 LOCAL OPEN SPACE/RECREATION FACILITIES CONTRIBUTION PER DWELLING		27.41	104.17	0.00	258.58	411.98	457.56	0.00	600.00	480.50	306.51	358.31	ERR	380.26
	TOTAL CITY WIDE OPEN SPACE/REC. FACILITIES	1939750	224434	71580.2	23114.5	173731	205420	404130	33553.2	27961	267680	97304.4	114454	0	159564
	S94 CITY WIDE OPEN SPACE/REC. FACILITIES CONTRIBUTION PER DWELLING		372.81	372.81	372.81	372.81	372.81	372.81	372.81	372.81	372.81	372.81	372.81	ERR	372.81
	TOTAL WASTE DISPOSAL	381250	44112	14069	4543	34146	40375	79430	6595	5496	52611	19125	22495	0	31362
	S94 WASTE DISPOSAL CONTRIBUTION PER DWELLING		73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28	ERR	73.28
	TOTAL COMMUNITY FACILITIES	817900	0	26347	8508	63946	88972	204767	17001	14167	178216	64783	76201	0	0
	S94 COMMUNITY FACILITIES CONTRIBUTION PER DWELLING		0.00	137.22	137.22	137.22	161.47	188.90	188.90	188.90	248.21	248.21	248.21	ERR	0.00
	TOTAL CULTURAL FACILITIES	643200	74420	23735	7665	57607	68115	134005	11126	9272	88760	32265	37952	0	52910
	S94 CULTURAL CONTRIBUTION PER DWELLING		123.62	123.62	123.62	123.62	123.62	123.62	123.62	123.62	123.62	123.62	123.62	ERR	123.62
	TOTAL PLANNING STUDIES	600000	69421	22141	7150	53738	63640	125005	10379	8649	82798	30098	35403	0	49356
	S94 PLANNING STUDIES/DWELLING CONTRIBUTION PER DWELLING		115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	115.32	ERR	115.32
	*****TOTAL *****	15221685	1577520	420318	156302	1430489	1681654	3056357	215964	218416	1922809	531622	822333	161300	982855
	*****TOTAL S94 CONTRIBUTION PER DWELLING *****		2868.79	2237.48	2569.32	3118.04	3100.33	2867.84	2447.93	2960.53	2726.33	2468.33	2726.93	ERR	2344.71

# APPENDIX 4



Wagga Wagga Urban Area Open Space Summary, by Suburb (1992)

SUBURB	OPEN SPACE USE *	AREA (ha)	% of TOTAL AREA	DUAL-USE OPEN SPACE AREA (ha)**
ASHMONT	Local	14.64	52.56	4.00
	Regional	4.00	14.36	
	Buffer Strip	5.21	18.71	
	Drainage Channel	4.00	14.36	
	<b>TOTAL</b>	<b>27.85ha</b>	<b>100%</b>	<b>8.00 ha</b>
BOMEN	Local	6.40	100	0.00
	<b>TOTAL</b>	<b>6.40 ha</b>	<b>100%</b>	<b>0.00</b>
BOOROOMA	Local	4.46	26.63	3.80
	Buffer Strip	8.50	50.74	3.80
	Drainage Channel	3.79	22.63	
	<b>TOTAL</b>	<b>16.75ha</b>	<b>100%</b>	<b>7.60 ha</b>
BOURKELANDS	Local	14.63	16.59	13.87
	Regional	55.01	62.38	13.87
	Buffer Strip	4.68	5.31	
	Drainage Channel	13.86	15.72	
	<b>TOTAL</b>	<b>88.18ha</b>	<b>100%</b>	<b>27.73 ha</b>
CARTWRIGHTS HILL	Local	16.17	50	3.79
	Buffer Strip	5.30	16.39	3.79
	Drainage Channel	3.79	11.72	
	Regional	7.08	21.89	
	<b>TOTAL</b>	<b>32.34 ha</b>	<b>100%</b>	<b>7.58 ha</b>
CENTRAL WAGGA	Local	162.73	29.65	29.06
	Buffer Strip	1.34	0.24	29.06
	Drainage Channel	33.45	6.10	
	Private	87.79	16.00	
	Regional	74.71	13.61	58.12 ha
	Env. Prot. Area	188.74	34.39	
	<b>TOTAL</b>	<b>548.76</b>	<b>100%</b>	
ESTEELLA	Local	9.37	37.06	9.37
	Buffer Strip	6.54	25.87	9.37
	Drainage Channel	9.37	37.06	
	<b>TOTAL</b>	<b>25.28ha</b>	<b>100%</b>	<b>18.74 ha</b>
FOREST HILL	Local	10.37	60.26	0.61
	Buffer Strip	6.22	36.14	0.61
	Drainage Channel	0.62	3.60	
	<b>TOTAL</b>	<b>17.21ha</b>	<b>100%</b>	<b>1.23 ha</b>
GLENFIELD PARK	Local	11.05	21.41	9.05
	Buffer Strip	11.26	21.81	9.05
	Drainage Channel	9.24	17.90	
	Easement	9.74	18.87	
	Private	8.32	16.12	18.09 ha
	Industrial Buffer	2.01	3.89	
	<b>TOTAL</b>	<b>51.62ha</b>	<b>100%</b>	
KOOKINGAL	Local	22.53	28.34	2.60
	Buffer Strip	1.80	2.26	2.60
	Drainage Channel	2.60	3.27	
	Easement	0.46	0.58	
	Regional	52.10	65.54	5.20 ha
	<b>TOTAL</b>	<b>79.49ha</b>	<b>100%</b>	

<b>LAKE ALBERT</b>	Local	65.55	30.7	14.17
	Buffer Strip	1.39	0.65	
	Drainage Channel	23.70	11.10	14.17
	Private	16.32	7.65	
	Regional	92.53	43.35	
	Industrial Buffer	13.98	6.55	
	<b>TOTAL</b>	<b>213.47</b>	<b>100%</b>	<b>28.34 ha</b>
<b>LLOYD</b>	Local	3.13	11.29	
	Buffer Strip	1.71	6.17	
	Env. Prot. Area	22.88	82.54	
	<b>TOTAL</b>	<b>27.72ha</b>	<b>100%</b>	<b>0.00</b>
<b>MOUNT AUSTIN</b>	Local	15.45	26.91	3.81
	Buffer Strip	1.54	2.68	
	Drainage Channel	3.80	6.62	3.80
	Easement	2.17	3.78	
	Regional	34.46	60.01	
	<b>TOTAL</b>	<b>57.42ha</b>	<b>100%</b>	<b>7.61 ha</b>
<b>NORTH WAGGA</b>	Local	15.35	4.07	
	Buffer Strip	9.60	2.55	
	Drainage Channel	6.67	1.77	6.67
	Regional	181.17	48.09	6.66
	Env. Prot. Area	163.97	43.52	
	<b>TOTAL</b>	<b>376.76</b>	<b>100%</b>	<b>13.33 ha</b>
<b>SPRINGVALE</b>	Local	5.77	40.69	5.76
	Drainage Channel	5.77	40.69	5.76
	Easement	2.64	18.62	
	<b>TOTAL</b>	<b>14.18ha</b>	<b>100%</b>	<b>11.52 ha</b>
<b>TATTON</b>	Local	5.95	14.44	5.65
	Buffer Strip	2.59	6.29	
	Drainage Channel	5.65	13.72	5.65
	Easement	6.65	16.15	
	Regional	5.20	12.63	
	Env. Prot. Area	15.14	36.77	
	<b>TOTAL</b>	<b>41.18ha</b>	<b>100%</b>	<b>11.30 ha</b>
<b>TOLLAND</b>	Local	11.99	38.82	3.96
	Buffer Strip	3.90	12.62	
	Drainage Channel	3.96	12.82	3.96
	Easement	6.56	21.24	
	Regional	4.48	14.50	
	<b>TOTAL</b>	<b>30.89ha</b>	<b>100%</b>	<b>7.92 ha</b>
<b>TURVEY PARK</b>	Local	4.49	6.91	
	Private	10.07	15.52	
	Regional	50.34	77.57	
	<b>TOTAL</b>	<b>64.90ha</b>	<b>100%</b>	<b>0.00</b>

Notes:

- \* Open space comprises the following uses; local, regional, buffer strips, drainage channels, private, transmission easements, industrial buffers and environmental protection areas.
- \*\* Dual - Use open space refers to the simultaneous use of land for drainage (ie. for conveying and storing urban storm water runoff) and open space (ie. for a range of recreation purposes).