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**CLASSIFICATION  
OF MAIN ROADS IN  
NEW SOUTH WALES**  
as at 1 January 1983

LEGEND

State Highways	17
Trunk Roads	52
Main Roads	377

Divisional Boundaries shown as at 1 July 1983

Divisional Boundaries

Divisional Headquarters



## Charter

The Commissioner for Main Roads is responsible for the administration of the Main Roads Act, 1924 (as amended), which provides for the construction and maintenance of those roads throughout the State which have been classified under the Main Roads Act, both in country and urban areas.

The Commissioner is also responsible to the New South Wales Government for the implementation of traffic management measures throughout the State, and for the disbursement of Commonwealth Government grants for local roads.

The Department of Main Roads carries out the work arising from the Commissioner's responsibilities under the Act.

The charter inherent in the Department's statutory obligations entails the pursuit of a road system throughout New South Wales which will meet the reasonable needs of the community for the safe and efficient movement of people and goods.

## Organisation of the Department

The Department's Head Office is located at 309 Castlereagh Street, Sydney. The operations of the Department are decentralised, the State being divided into 17 geographical divisions. Each division is under the control of a Divisional Engineer, whose headquarters are located in a major centre within the division. The Divisional Engineers are responsible to the Engineer-in-Chief in Sydney. Another special division supervises freeway construction, outside the Sydney metropolitan area.

Each division is equipped with its own design office, testing laboratory and small technical library. Works Offices are located in the divisions to undertake maintenance and construction. There are 42 of these throughout the State, and some have small field control laboratories.

The Department's main Materials and Research Laboratory is at Milsons Point while the Central Workshop, the Supply Section and the Central Asphalt Depot are all located at Granville in Sydney's western suburbs.

The Traffic Control and Emergency Centre is situated at 1 Oxford Street, Sydney.

## Objectives

Accordingly, the Department's objectives are:

### For the Road System

- to plan, provide and maintain a comprehensive road system which is both safe and efficient to use.
- to have regard for the environment.
- to enhance compatibility of the various transport modes, in accordance with the policies of the New South Wales Government.

### For Interaction with the Community

- to respond to community needs in a helpful, prompt and courteous manner.
- to inform the public on road matters.

### For the Organisation and its People

- to operate throughout the State in an efficient and effective manner.
- to provide fulfilling and challenging work.
- to ensure just and non-discriminatory working conditions.

**Table 1. Road Classifications and Lengths at 30 June 1983**

	km
Freeway	170
State Highway	10 333
Trunk Road	7 098
Main Road	18 358
Secondary Road	299
Tourist Road	445
Developmental Road	3 474
Unclassified road in the unincorporated area of the Western Division	2 489
Unclassified road in the incorporated area of New South Wales	22
<b>Total</b>	<b>42 688</b>

**Table 3. Lengths of Freeway at 30 June 1983**

	km
F1 — Warringah Freeway	
Cahill Expressway and Sydney Harbour Bridge	
F3 — North Western Freeway and Sydney-Newcastle Freeway	2
F4 — Western Distributor and Western Freeway	3
F5 — South Western Freeway	6
F6 — Southern Freeway	3
F8 — Wollongong Northern Suburbs Distributor	
<b>Total</b>	<b>17</b>

**Table 2. Types of Surface at 30 June 1983**

	km
Natural Surface	954
Formed only	6 326
Gravel	9 669
(Total Unsealed)	(16 949)
Primed/primer seal	248
Sprayed seal	22 289
Enrichment reseal	759
Asphaltic concrete	2 301
Cement concrete	142
(Total Sealed)	(25 739)
<b>Total</b>	<b>42 688</b>

**Table 4. Lengths of Sealed Road at 30 June 1983**

	km
Single Carriageway	24 93
Dual Carriageway	80
<b>Total</b>	<b>25 73</b>



# The Classified Road System

There are approximately 15 000 km of public road in New South Wales. The total length of road for which the Commissioner for Main Roads has full or partial financial responsibility at 30 June 1983 was 42 688 km. This length included 6,176 bridges with a combined total length of approximately 218 km. The remaining 162 300 km of public road are the responsibility of the Local Government Councils in whose areas they are situated.

Tables showing the lengths of roads and classifications, freeways, types of surface and sealed single and dual carriageway appear on the opposite flap.

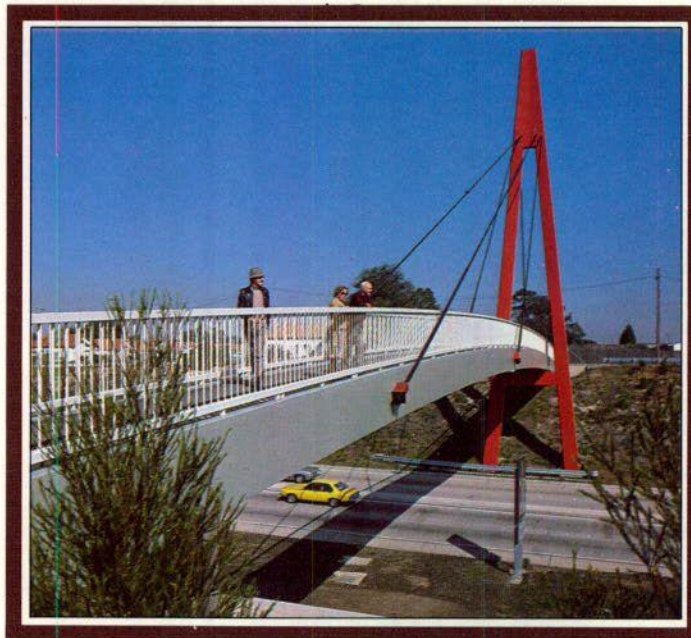
## Road Classifications

In New South Wales the various road classifications are as follows.

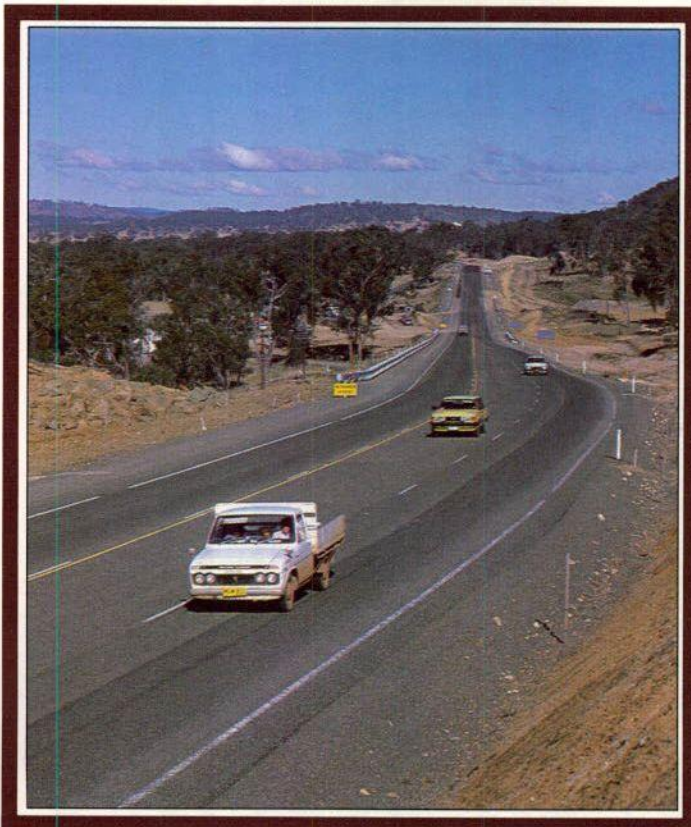
**Freeways** are roads which have a divided carriageway for through traffic and grade separation at all intersections, with no access for traffic between interchanges. These roads, including those lengths proclaimed as tollworks, are under the direct control of the Commissioner, who meets the full cost of all road and bridge works, including maintenance.

**State Highways** are the principal means of road communication throughout the State, in many cases connecting with similar roads in other States. The Commissioner is directly responsible for State Highways and meets the full cost of road and bridge works on them.

**Trunk Roads** are the secondary avenues of road communication which connect with the State Highways to link the main regions of the State. Trunk Roads are the responsibility of the Local Government Councils through whose areas they pass and grants are made by the Commissioner to Councils to meet the full cost of approved works on these roads.



*Pedestrians are able to cross the F4 — Western Freeway at Pomeroy Street, Homebush by means of this attractive cable-stayed footbridge.*



*On the New England Highway, north of Armidale, driving conditions have been much improved by the opening of the 4.5 km Devils Pinch Deviation in May 1983.*

**Ordinary Main Roads** mainly join towns and important centres of population with each other, and, in conjunction with State Highways and Trunk Roads, effectively link all districts in the

State to the overall road network. In country areas, Ordinary Main Roads are the responsibility of the Councils through whose areas they pass and grants are made by the

Commissioner to Councils to meet the full cost of approved works on these roads. Ordinary Main Roads in the County of Cumberland are the full responsibility of the Commissioner.

**Secondary Roads** - certain roads within the County of Cumberland (Sydney and environs), which carry a substantial volume of through traffic and relieve neighbouring Main Roads, may be declared by the Commissioner to be Secondary Roads. Works on Secondary Roads are the responsibility of the local Councils through whose areas they pass, although usually half the cost of construction and maintenance is met by the Commissioner with the balance being met by the Council.

**Tourist Roads** specially serve the tourist industry by providing access to particular scenic and holiday attractions, such as lookouts, beaches, etc. They are usually under the care and control of local Councils, which may be assisted financially by the Commissioner through grants of up to half the cost of construction and maintenance.

**Developmental Roads** are roads which, if constructed or improved, would help develop a district or any area of Crown or private land, by providing access to a railway station, shipping wharf, or to a road leading to them. There is also provision for individual works in the nature of missing links, such as a new bridge or an isolated unconstructed length of road, to be proclaimed as Developmental Works. The full cost of Developmental Roads and Works is usually met by the Commissioner, while maintenance after construction is the responsibility of the local Council.

**Unclassified Roads** - the Commissioner also maintains a number of unclassified roads, most of which are within the unincorporated area of the Western Division of New South Wales.



# Commissioner's Statement

Sydney, New South Wales  
November 1983

The Hon. G. Paciullo, M.P.,  
Minister for Roads,  
Sydney.

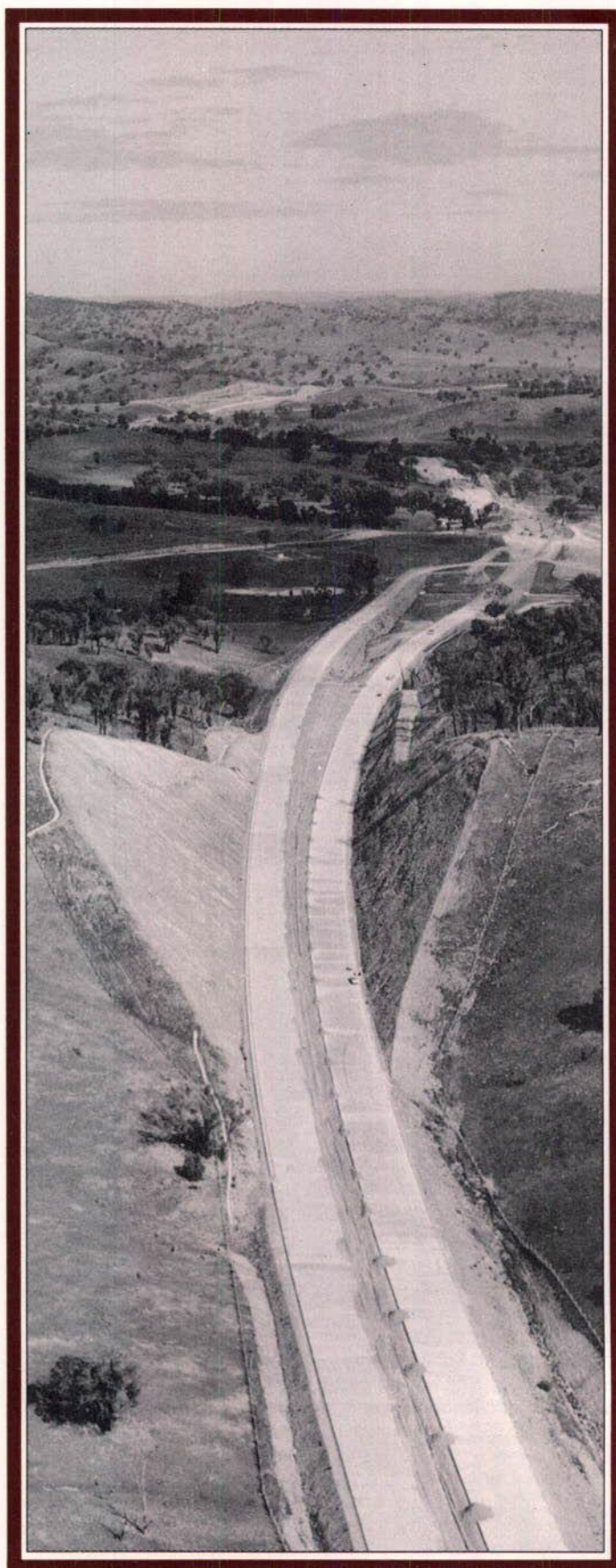
As required by Section 6 of the Main Roads Act, 1924, I submit to you for presentation to Parliament, an annual report and statement of accounts for the year ended 30 June 1983. Where appropriate and helpful in rounding off the record, references to happenings after this date have been included.

The need for Statutory Authorities to account to Parliament has never been in question. There is a fundamental obligation on each Chief Executive to report on how the public money made available to the authority has been spent. In addition periodic assessment by the Chief Executive of the authority's progress is an essential adjunct to its proper management.

However, the extent to which the Statutory Authorities meet that need has become a matter of public concern. The June 1983 report of the New South Wales Government's Public Accounts Committee, which deals specifically with this subject, sets out principles which should be observed and makes recommendations on matters to be covered in those reports.

In compiling this Report a genuine effort has been made to meet the criteria set by the Public Accounts Committee. In following this course only two significant items have presented major difficulties and in both cases work is proceeding with a view to correcting the situation in future years.

One of these items relates to the requirement to identify and publicly list all real estate owned by the Department. Because the nature of the Department's operations entails acquisition of a very large number of individual lots of land, mostly small in size, the magnitude of the task has



*More than half-a-million cubic metres of rock were removed in the construction of this 49 m deep cutting on the Tumblong Deviation of the Hume Highway, south of Gundagai.*

prevented its completion in time for inclusion in this Report.

In one sense the roadworks themselves and the road reserves which contain them are real estate. Together they constitute an enormously valuable public asset. There is scarcely one facet of our lives not affected to some degree by the condition of our roads. In New South Wales about 80% of all trips of 100 km or more are by motor vehicle and 90% of freight is carried by road. Clearly it costs more to move people and goods on poor roads than on good roads. So it is generally conceded that the community pays for good roads whether or not it enjoys their use. However it is not appreciated always that the total cost of persevering with an inadequate road system is higher than that of investing in an adequate system.

The other significant item which presented difficulty in meeting the Public Accounts Committee recommendations consists of the development and use of effective performance indicators. Progress made towards this goal is described on page 7 of this Report.

Of course, in assessing the performance of a Statutory Authority due cognizance must be given to that Authority's role within the ambit of total Government operations. The Authority's specific objectives need to be interpreted in the light of Government objectives as a whole and the total community benefit taken into account in assessing the merits of each achievement.

This Report alone cannot encompass all that is being accomplished on the State's Main Roads - nor can it convey adequately the wide range of activity involved in furthering these works. Many works are not even mentioned in this selective listing and, for those that are, the brief description does not reflect the complex activity involved in that attainment.

Each work is the result of the co



## Commissioner's Statement

operative efforts of a large number of individuals involved in a variety of fields of endeavour such as survey, planning, design, property acquisition, construction activities, materials testing, stores supply and maintenance activity. The Department's achievements are the achievements of its workforce.

While a proportion of that activity takes place behind the scenes, much of it is carried out in full view of the public. It is one of the special features of roadworks that provision must always be made for the safe passage of the public. As a consequence, the Department's credibility and reputation probably more than anything else depend upon how efficient is the work the public sees being done and how good the finished product is when brought into use.

Conformity with a Commonwealth Government requirement in respect of National Roads Grants, the Department has lodged tenders for works in competition with private enterprise. Its high success rate in winning contracts and in completing them within the tendered amount can be seen as one measure of its relative efficiency. The deaths and serious personal injuries sustained in road accidents present the community with perhaps its most serious problem in both economic terms and in human trauma. There are, of course, a number of different factors involved in road accidents and a corresponding number of opportunities to attack the problem. It is clear, though, that better roads have a major role to play. This view is supported by the Commonwealth Department of Transport in its January 1982 publication *Making Road Usage Safer*.

Roads also feature in one of the most serious current environmental problems in urban areas. This is the increased use of residential streets by traffic.

The problem becomes acute when the volume of traffic using the streets rises above the 'tolerable' level. For narrow residential streets with houses set close to the alignment, that volume is substantially less than the volume of traffic which the road can carry.

The situation has been exacerbated in recent years by the marked increase both in numbers and size of heavy vehicles. Attempts to correct the situation in isolated individual streets normally result in shifting the problem to other streets and intensifying its severity.

A more satisfactory solution can be achieved by adopting a broader approach and developing a precinct within which through traffic movement is discouraged. However, this inevitably results in placing greater stress on the Main Roads, most of which are already heavily congested.

The ultimate solution must lie in developing a network of Arterial Roads adequate for community needs and of a standard which does not impose environmental problems on the adjacent land use. This does not imply a congestion-free system (which is economically unrealistic). However, it does require a basic network of roads adequate to handle large volumes of traffic efficiently, with sensitively located reservations wide enough to isolate adjacent land use from adverse effect.

This will only be achieved within a reasonable time through a special improvement program commensurate with that now in train for National Highways. In this respect, Commonwealth assistance for construction of Urban Arterial Roads has fallen significantly (see page 42) because of this shift in emphasis. In 1982-83, 48% of Commonwealth grants for roads in New South Wales was directed towards National Highways which comprise only 4% of the State's classified road system.

Nevertheless, there is within the Department a noticeable spirit of optimism - of confidence in the future. There is substantial evidence of increasing Government appreciation of the benefits which accrue from purposeful investment in roads.

Under current economic conditions roadworks have significant employment-generating potential. This provides an immediate community benefit. Subsequently, the community benefits in perpetuity from the improved operating conditions through savings in time, fuel, vehicle maintenance and accidents.

The announcement by the Premier in September this year of a \$5 Billion Five Year Program has been the mainspring in activating this burst of enthusiasm. It has set the sights on a specific target of works which will be reviewed each year. It is an exciting program from which benefits in excess of \$800 million per year will flow to the community.

I am indebted to the Government for entrusting to the Department such a challenging and rewarding task.

Last month Australia had the honour of hosting the Seventeenth World Road Congress of the Permanent International Association of Road Congresses. This was attended by over 1800 delegates and accompanying persons, representing 82 different countries. The conference was held at the Sydney Opera House and, as the road authority of the host State, the Department of Main Roads was deeply involved. A quotation from the opening address delivered by the Governor-General of Australia, Sir Ninian Stephen, forms a fitting conclusion to this statement. 'Along the paths and trackways of pre-history, people of the world moved, their migrations often the result of survival pressures and their routes dictated by topography.

Now, in developed countries, all classes and all ages are able to set out from their homes with relative freedom to go where and how they wish. No timetables or tickets are necessary, and well-designed and constructed roads give meaning to the democratic concept of the right of people to freedom of movement. Roads are now an essential part of all modern infrastructures, essential to the development of natural resources and trade and to the more equitable distribution of goods and services.'

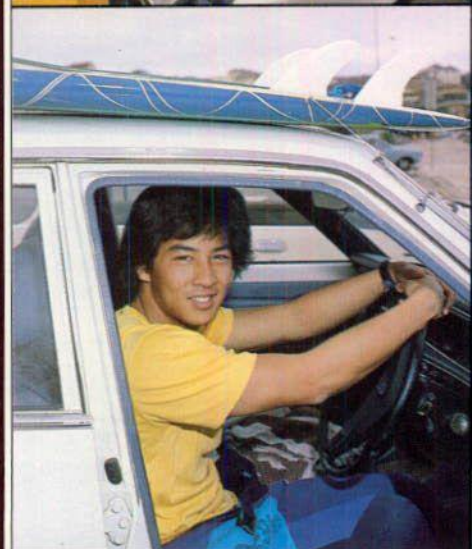
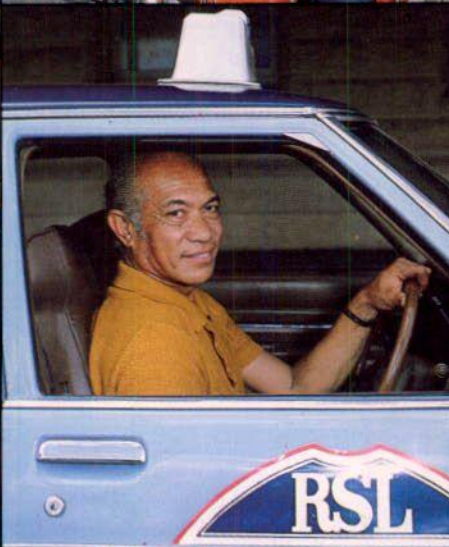
Such is the value of roads and of the work carried out for the Government by the New South Wales Department of Main Roads.



**B. N. Loder,**  
**Commissioner for Main Roads.**



## Road Users 1983





# Performance Indicators

The Department is seeking performance indicators which will provide a quantitative measure of achievement. As the Department's principal objective is to attain a safe and efficient road system, the indicators should relate to road safety and to total efficiency in road transport.

This subject has been explored both here and overseas in the past with only limited success. However, the Department is hopeful that a road data base now being established will provide a basis for long-term progressive review of the transport benefits achieved from public investment in roads. At the same time the road data base should enable the relative merits of various alternative road investment strategies to be explored.

Meanwhile, in the absence of the ultimate in performance indicators, a range of parameters has been examined in an attempt to depict the course pursued by the Department over the past decade.

Two key external factors influence the Department's management of the Main Roads System.

The first of these is traffic growth. The Department carries out continuing traffic counts throughout the State and the resulting data provide one measure of community need for road space. During the past decade, traffic has increased almost linearly as shown in Figure 1.

The second factor is funding, as the Department's ability to undertake improvements is directly dependent upon the funds at its disposal. The Department's budget over the past decade has fluctuated. As may be seen from Figure 2, it remained relatively constant until 1980, since when it has fallen in real terms.

Despite this drop in funding levels and the rise in traffic volumes, road users have

experienced generally improved levels of service on main roads. The indicators show that, on average, travel speeds have increased (Figures 3 and 4), travel has become safer (Figure 5), and road surfaces have improved (Figure 6), resulting in more comfortable and lower-cost driving conditions. Improvements have not occurred uniformly across the network nor at all times of the day. In Sydney for example, the peak period has extended and travel conditions at off-peak times have become more congested.

Works budget allocations used to achieve these results over the past five years (Figure 7) have been relatively stable with maintenance and construction allocations varying around a five year average of 29 cents and 62 cents in the dollar respectively, and with nine cents in the dollar allocated to traffic management.

Maintenance requirements tend to be static. Consequently, the

share of works expenditure devoted to maintenance tends to decline in expansionary budget periods and rise in tight budget periods. Indirect expenditure has increased relative to direct expenditure due, primarily, to sharply increased debt charges. In addition, over the last two years, administrative expenses have not fallen in line with overall funding, as they are largely fixed in the short term.

The methods of carrying out works have changed over the past five years (Figure 8). More major works have been carried out by contract and funding of Councils' works on main roads has increased relative to expenditure on the Department's direct control works.

Construction funds over the last decade have been allocated 75% to roads, 17% to bridges and 8% to property acquisition.

Of the total length of road

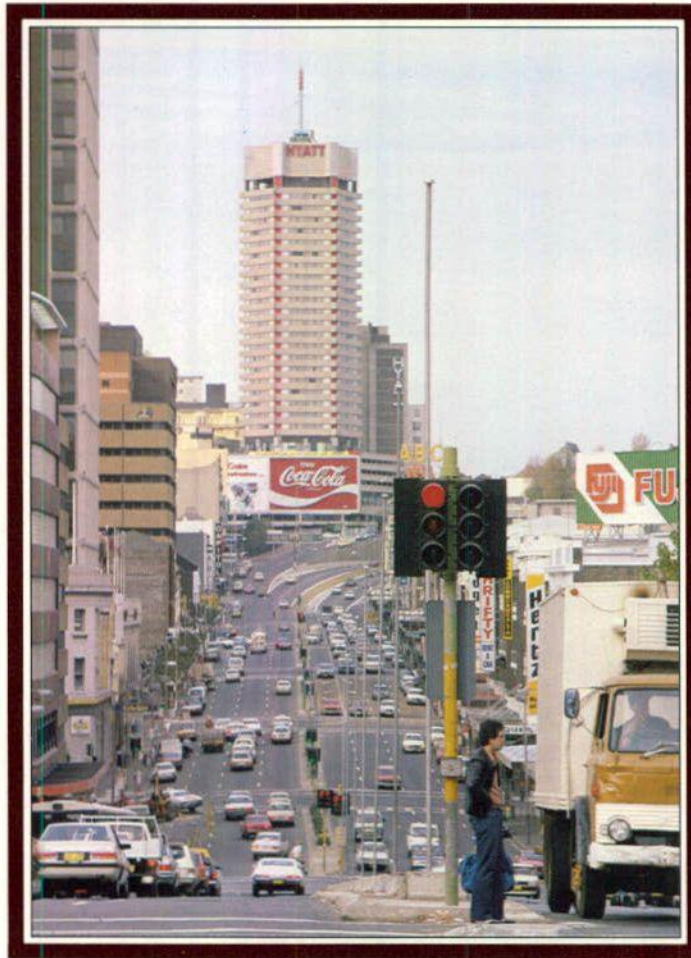
construction works (Figure 9), 12% was to achieve capacity expansion either by lane additions (9%) or construction of new roads (3%). The majority of construction works are undertaken to replace or improve unsafe or otherwise substandard sections of road, and to rehabilitate pavements worn by use. Of all such works over the last ten years, 61% involved strengthening and, in some cases, widening of existing pavements. The other 39% involved replacement of deteriorated pavements with new pavements of improved grade or alignment.

Around 40% of bridgeworks completed over the last decade were replacement structures or widenings of existing bridges while 60% provided new crossings where none existed before (Figure 10). Half the total length of new crossings was associated with freeway construction.

The length of road and bridge construction works completed annually fluctuates widely, reflecting variations in project size, construction period, and levels of funding (Figures 9 and 10).

The Department's management of its manpower resource is not adequately reflected by the measures shown (Figures 11 and 12). The peaks in man-days lost through disputes were due to industry-wide campaigns and, in 1981-82, a short duration campaign by the Department's day labour force against the Commonwealth Government's requirement that work financed by its grants for National Road construction be let to tender.

The industrial safety statistics (Figure 12) follow the general trend evident in other comparable N.S.W. State Government departments. The slight upward trends are believed to be due more to a heightened awareness of industrial safety (leading to increased reporting of accidents) than to lower industrial safety.



Traffic in Sydney's William Street.



# Performance Indicators

## EXTERNAL FACTORS

Fig. 1 Traffic Growth on Main Roads  
Index, 1974 = 100

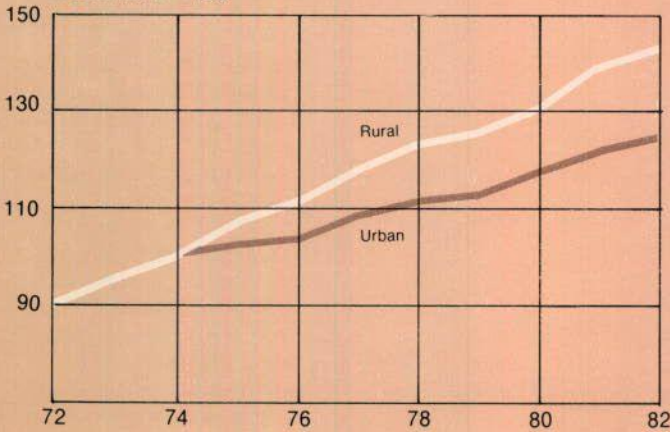
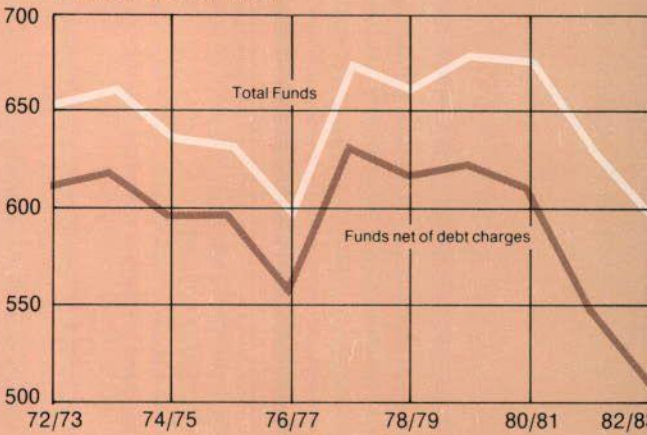


Fig. 2 Funding of Main Roads  
\$ million, 1982-3 Prices



## ROAD TRANSPORT SYSTEM PERFORMANCE

Fig. 3 Sydney Travel Speeds  
km/h, average for major routes to CBD

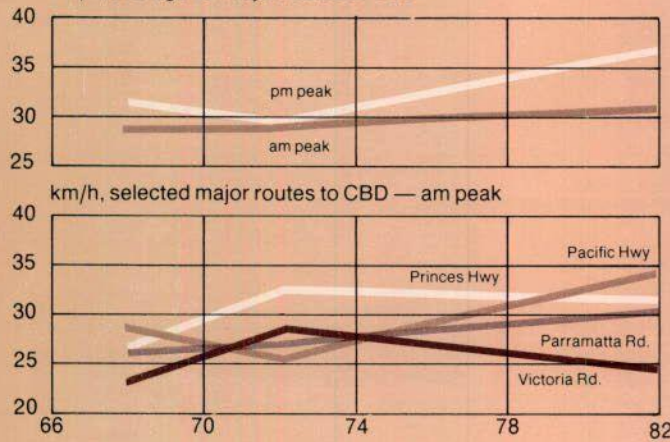


Fig. 4 Country Travel Speeds  
km/h, average for all Highway routes to Sydney — weekdays

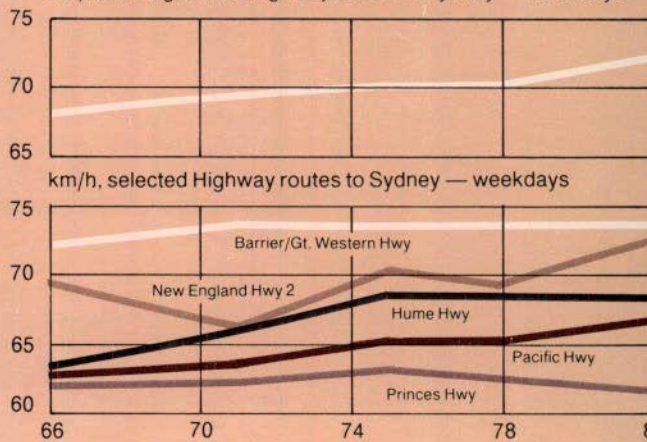


Fig. 5 Road Safety  
Crashes per million vehicle kilometres.  
Fatal, injury and tow-away crashes

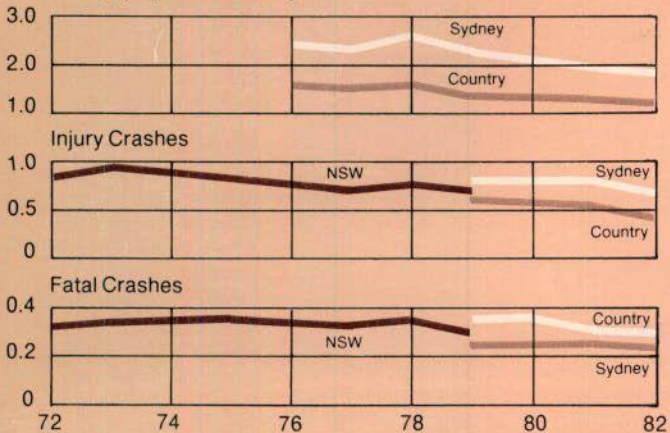
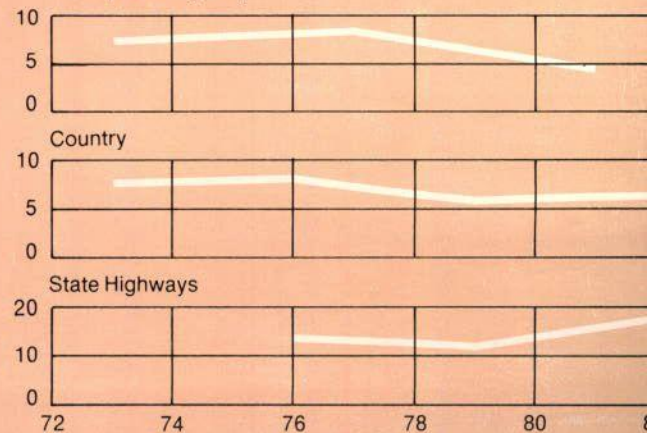


Fig. 6 Pavement Roughness  
% of Main Roads rougher than NAASRA standards.  
Metropolitan Sydney





# Performance Indicators

## USE OF RESOURCES

Fig. 7 Expenditure by Activity  
% of direct works expenditure

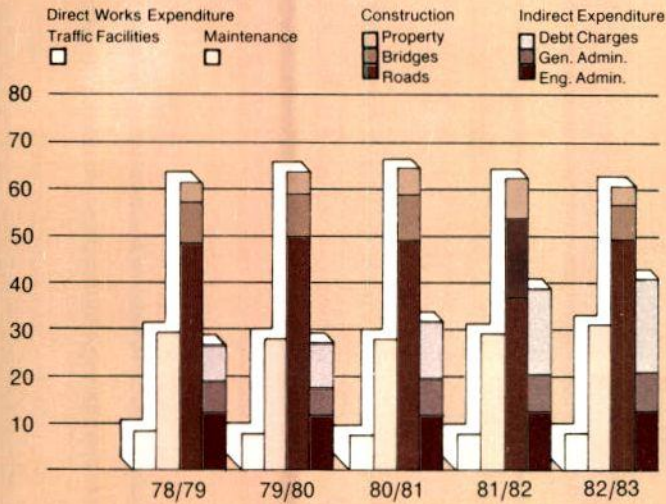
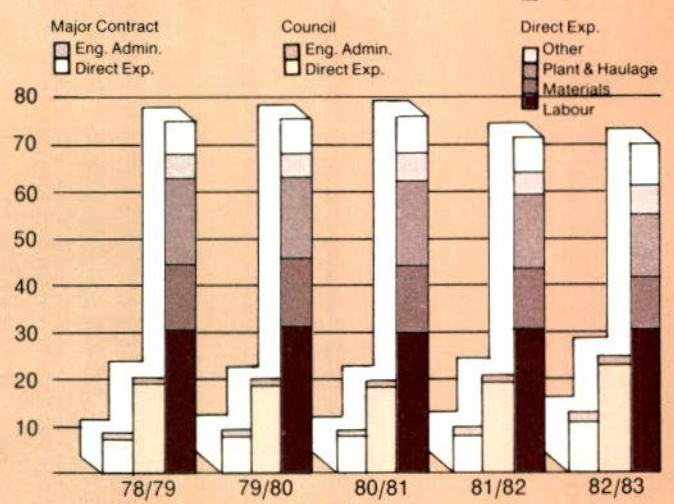


Fig. 8 Expenditure by Production Method  
% of direct works expenditure



## CONSTRUCTION COMPLETED

Fig. 9 Roads  
Kilometres completed.

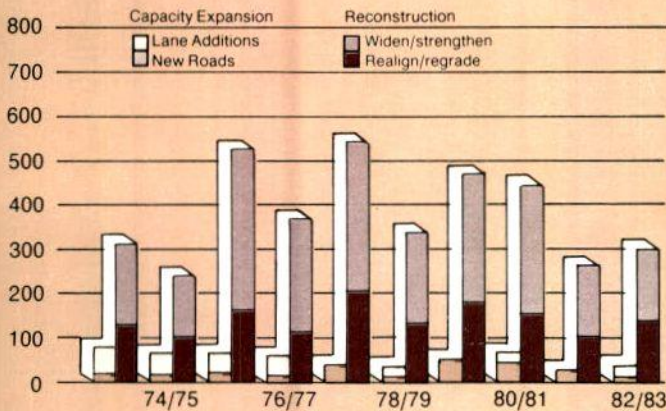
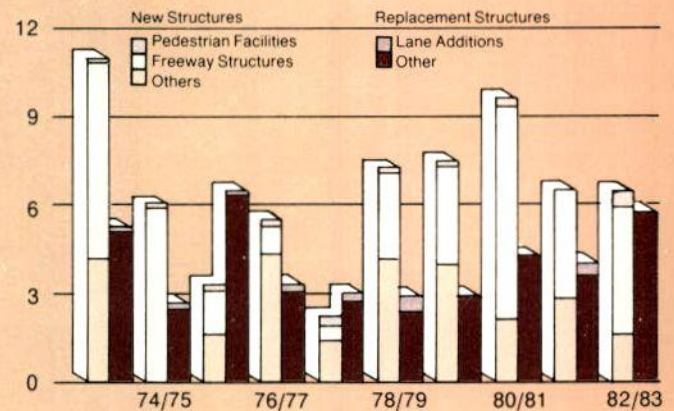


Fig. 10 Bridges  
Lane kilometres completed



## INDUSTRIAL PERFORMANCE

Fig. 11 Industrial Relations  
Man days lost through disputes (000)

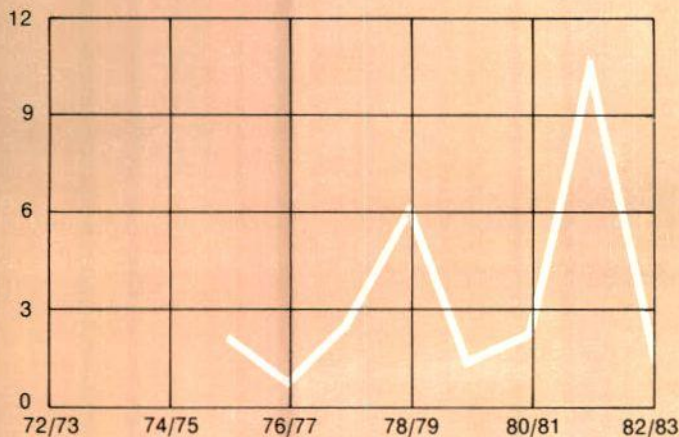
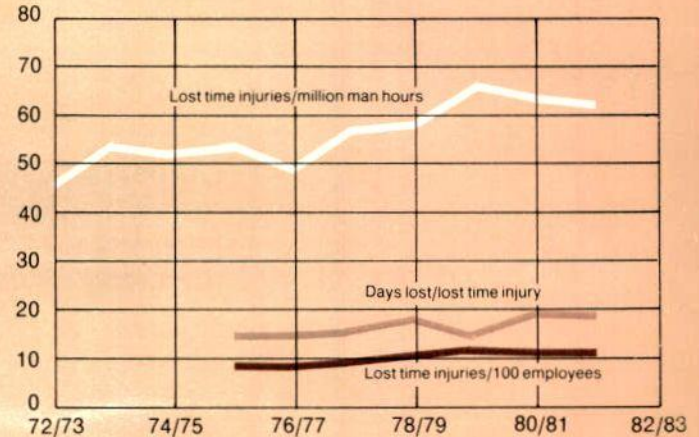


Fig. 12 Industrial Safety  
Number





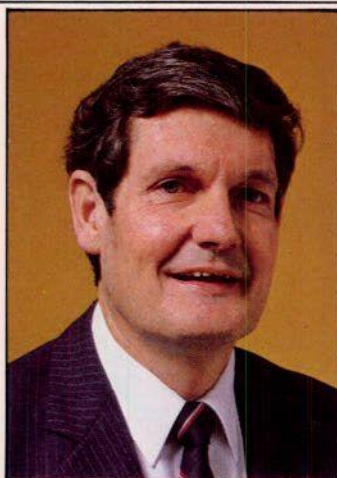
## Commissioners and Branch Heads



### Commissioner

Mr B.N. Loder, B.E.,  
Dip.T.C.P., F.I.E.Aust.,  
F.C.I.T.

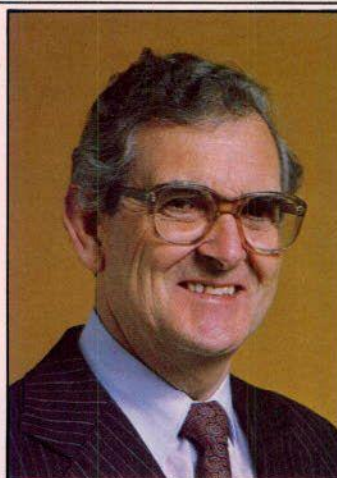
A University of Sydney honours graduate in civil engineering, Mr Bruce Loder joined the Department as an assistant engineer in 1948. He held a number of positions of increasing responsibility within the Department before being appointed Deputy Commissioner in 1978. He was appointed Commissioner on 18 November 1981. Mr Loder has played a prominent part in the activities of PIARC (Permanent International Association of Road Congresses); in 1972 he visited European member countries on behalf of the Australian Government, and in 1975 was co-ordinating reporter for the presentation of Australian papers at the XV World Road Congress in Mexico. He is also an active Member of the Institution of Engineers. He has attended the Australian Administrative Staff College at Mount Eliza, Victoria and, in 1981, the Advanced Management Program at Harvard University, Boston, U.S.A.



### Deputy Commissioner

Mr J.G. Crowe, B.E.,  
M.Eng.Sc., M.I.E.Aust.

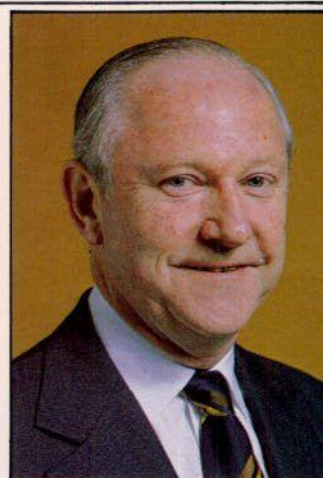
After graduating from the University of Queensland with a degree in civil engineering, Mr John Crowe began his career with the Ontario Department of Highways. He returned to Australia and joined the Department in 1959. With Departmental sponsorship, he studied highway engineering at the University of New South Wales, graduating as a Master of Engineering Science. As well as holding Membership of the Institution of Engineers, Mr Crowe is an Associate of the Royal Australian Institute of Public Administration, and a Member of the Chartered Institute of Transport. In 1980 he attended an advanced management course at the Australian Administrative Staff College, Mount Eliza. He was appointed Deputy Commissioner on 16 June 1982.



### Engineer-in-Chief

Mr L.R. Browne, B.E.,  
M.Eng.Sc., L.C.E.,  
M.I.E.Aust. M.A.I.T.P.M.

Mr Laurie Browne joined the Department in 1946. He holds the degree of Bachelor of Engineering (Civil) from the University of Sydney and is also a Master of Engineering Science (U.N.S.W.). He holds a Certificate in Traffic Planning and Control and is a qualified Local Government Engineer. He is a Member of the Institution of Engineers and of the Australian Institute of Traffic Planning and Management. Mr Browne attended an advanced management course at the Australian Administrative Staff College, Mount Eliza in 1970 and a refresher course there in 1973. He was appointed Engineer-in-Chief in April 1982, having held a succession of senior posts in various areas of the Department.



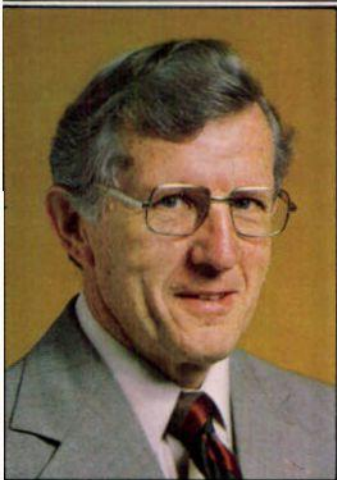
### Secretary

Mr W. McL. Cable, LL.B.,  
A.A.S.A.

Mr Bill Cable studied law at the University of Sydney and graduated in 1959, having been admitted to practice as a solicitor a year earlier. An interest in company secretarial work led him to further studies in accountancy and he joined Rheem Australia Ltd as a commercial cadet, a position which offered accounting and financial management experience. After obtaining his accountancy qualifications and practising for four years with a firm of solicitors, Mr Cable became a Legal Officer with the Department in 1967. In 1977 he left to join the Water Resources Commission, becoming head of its Legal Branch 18 months later. In September 1981 he successfully applied for the post of Chief Legal Officer with the Department of Main Roads, a position that he held until November 1982 when he was appointed Secretary.

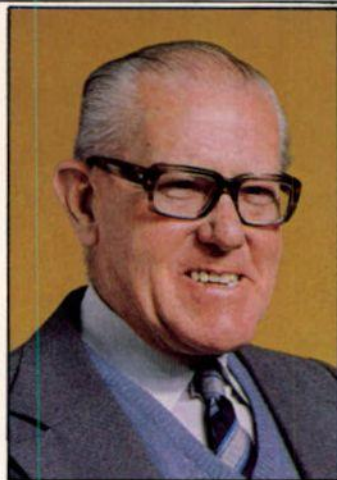


## Commissioners and Branch Heads



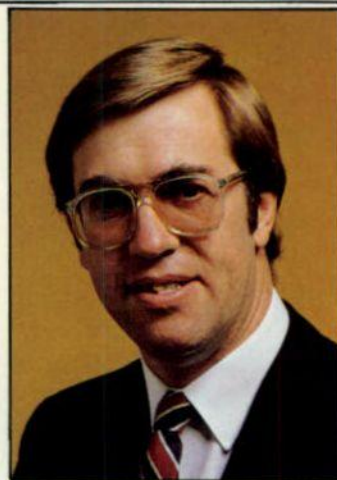
**Chief Accountant**  
Mr E.C. Cooper, A.A.S.A.

Mr Ted Cooper's career with the Department began in 1938 when he became a clerk in the Records Section. Following service in the A.I.F. from 1942 to 1946, he resumed duties in the Department's Accounts Branch and completed his accountancy studies at Sydney Technical College. After serving in a number of Field Offices and holding senior administrative and accounting positions, he was appointed Deputy Chief Accountant in 1974 and Chief Accountant in August 1975. Mr Cooper attended an advanced management course at the Australian Administrative Staff College, Mount Eliza, in 1973. In early 1975 he spent some weeks overseas examining road costing and allied financial procedures and tollworks administration as practised in Europe, the United Kingdom and the United States.



**Acting Chief,  
Personnel Branch**  
Mr I.V. Lindeman, A.T.C.S.,  
A.I.M.A.,

Following army service in the Second World War, Mr Ian Lindeman joined the large boat-building and ships outfitters firm of Morrison and Sinclair Pty Ltd as a clerk, and rose to become Office Manager. His administrative career in the Department began in 1949. After substantial service in country Divisional and Works Offices, Mr Lindeman completed his local government studies in 1964. He subsequently held a number of senior positions in Head Office, latterly serving as Principal Industrial Officer. In November 1982 Mr Lindeman was appointed Assistant to the Deputy Commissioner, with the role of implementing a management decision to restructure the administration of the Department's personnel functions. In May 1983, he became Acting Chief of the newly formed Personnel Branch.

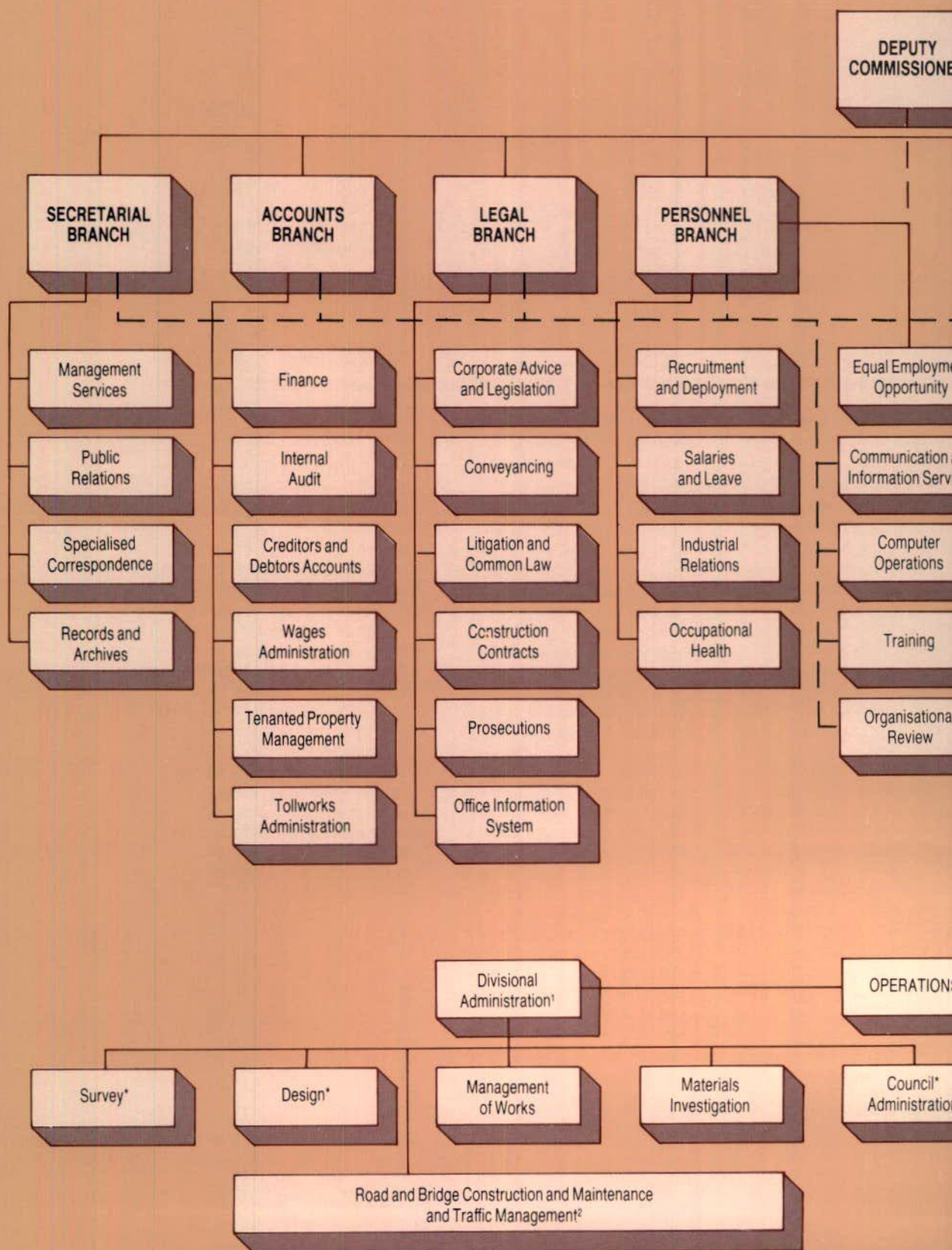


**Chief Legal Officer**  
Mr K.B. Ford

Mr Kevin Ford joined the Department's Legal Branch as a clerk in 1962. He was admitted as a Barrister-at-Law in 1972, and as a Solicitor of the N.S.W. Supreme Court in 1978. In that year also, he attended a management development course at the Australian Administrative Staff College at Mount Eliza. He was recently selected as a participant in the State Government's Senior Management Development Scheme. Mr Ford has lectured on a part-time basis in Property Law at Sydney Technical College and in Contract and Highway Law at the University of N.S.W. He was appointed to the position of Chief Legal Officer in April 1983.

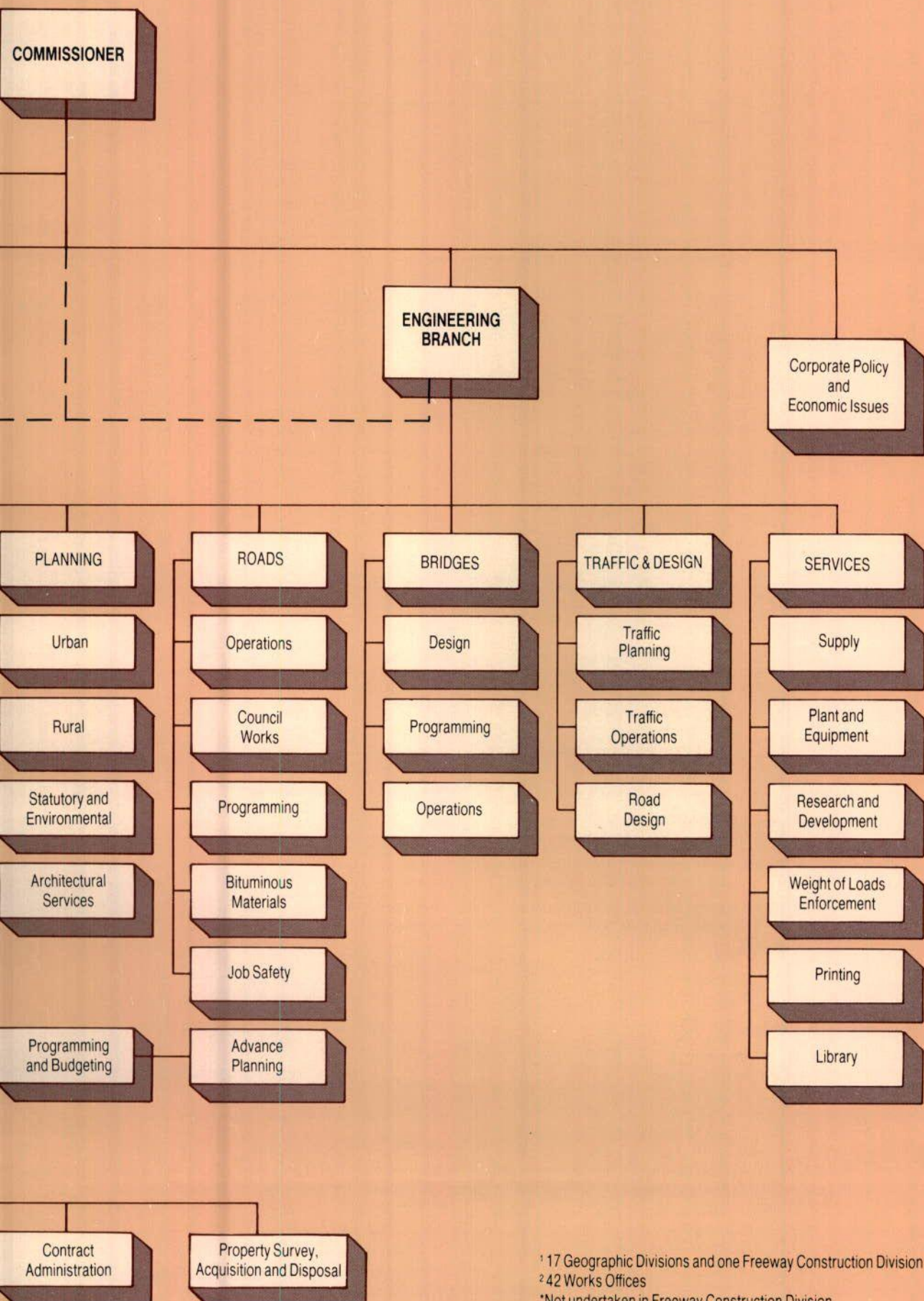


# Functional Organisation Chart





# Functional Organisation Chart



<sup>1</sup> 17 Geographic Divisions and one Freeway Construction Division  
<sup>2</sup> 42 Works Offices  
 \*Not undertaken in Freeway Construction Division



## Engineer-in-Chief's Branch

Deputy Engineer-in-Chief	<i>E.M. Brown</i>
Chief Engineer (Bridges)	<i>B.J. Pearson</i>
Chief Engineer (Planning)	<i>V.P. O'Grady</i>
Chief Engineer (Services)	<i>K.W. Dobinson</i>
Chief Engineer (Roadworks)	<i>E.W. King</i>
Chief Engineer (Traffic & Design)	<i>B.H. Butcher</i>
Engineer for Programmes and Budgets	<i>P. Moore</i>
Executive Engineer	<i>J. Kelly</i>
Highways Engineer	<i>C.N. Penney</i>
Principal Mechanical Engineer	<i>S.P. Scrivener</i>
Research and Development Engineer	<i>A. Leask</i>
Bridge Engineer (Design)	<i>A.R. Smith</i>
Bridge Engineer (Operations)	<i>P.G.L. Wolfe</i>
Road Design Engineer	<i>R.A. Dunstan</i>
Traffic Engineer	<i>D.F. Watson</i>
Advance Planning Engineer	<i>D.H.L. Francis</i>
Engineer for Country Councils' Work	<i>J.H. Dearden</i>
Materials Engineer	<i>G.S. Donald</i>
Rural Investigations Engineer	<i>W.L. Gordon</i>
Urban Investigations Engineer	<i>K.M. Anderson</i>
Asphalt Engineer	<i>J.A. Walker</i>
Contract Administration Engineer	<i>R.L. Jones</i>
Graphic Services Manager	<i>A.W. Emery</i>
Principal Surveyor and Property Officer	<i>A.J.R.M. Watson</i>
Principal Architect	<i>R.G. Hobday</i>

## Secretarial Branch

Deputy Secretary	<i>K.D. Hadley</i>
Assistant Secretary	<i>D.R. Williams</i>

## Accounts Branch

Deputy Chief Accountant	<i>E.J. Hanlon</i>
Group Accountants	<i>R.S.J. Price, K.B. Kerr, A.R. Alderton</i>
Administrative Officer (Tollworks)	<i>J.H. Tarleton</i>

## Personnel Branch

Assistant Chiefs, Personnel Branch	<i>D.P.B. Jones, J. Kelly</i>
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## Legal Branch

Deputy Chief Legal Officer	<i>H. Mudie</i>
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## Policy and Economics Unit

Chief, Policy and Economics Unit	<i>P.J. O'Neill</i>
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## Communication and Information Services

Communication and Information Services Manager	<i>T.M. Liptak</i>
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## Divisional Engineers

Sydney	<i>L.R. James</i>
Parramatta	<i>R.A. Dubedat</i>
Blacktown	<i>G.A. Cruickshank</i>
Central Mountains	<i>G.J. Vidler</i>
Illawarra	<i>P.B. Sheil</i>
Hunter Valley	<i>L.J. Bonnefin</i>
Lower North Coast	<i>F.E. D'Adam</i>
North Eastern	<i>N.W. Russell</i>
Upper Northern	<i>W. Choy</i>
North Western	<i>J.R. Jordan</i>
Central Western	<i>D.J. Black</i>
Central Northern	<i>R.L. Smythe</i>
Murray Darling	<i>D.L. Pook</i>
Central Murray	<i>J.R.M. MacBride</i>
South Western	<i>A.G. Kennedy</i>
South Coast	<i>G.J. Ross</i>
Southern	<i>A. Tinni</i>
Outer Freeway Construction	<i>M.R. Foster</i>



# Maintaining the Road System

## Maintenance

Generally speaking, works of maintenance are those calculated to keep the road system in its existing state of usefulness (whereas construction works aim to increase the usefulness).

Total funds spent last year by the Department on maintenance of classified roads (including upkeep of necessary offices and depots) were \$135.67 million, of which \$47.61 million were directed to Councils.

## Roads

For most of the year the prevailing drought conditions temporarily slowed the rate of deterioration of bitumen road pavements and the general condition of the sealed road system has remained adequate, with a slight improvement noted in some areas. The exception is in the north west of the State where a rapid deterioration is taking place in black soil areas since the breaking of the drought.

At the same time, the dry weather caused deterioration in the condition of most gravel roads, some of which are tending to revert to natural formation. This is most noticeable when wet weather comes, as inundation or lack of gravel may then make a road temporarily untrafficable for light vehicles. This in turn encourages the use of four-wheel drive vehicles and tractors which tend to churn the remaining gravel into the subgrade where it is effectively lost. The estimated cost of graveling the unsealed roads in the region of \$30 million and the work will have to be spread over several years.

Further problems were caused by the heavy rains of May and June 1983 and major flooding in the northern part of the State. These caused considerable damage (estimated at more than \$10 million) to pavements, causeways and structures in

affected areas, and also hindered maintenance operations. Some northern and western roads have remained under water for weeks and will require major restoration work.

The heavily trafficked routes of the Sydney, Newcastle and Wollongong areas have particularly benefited from the dry weather in terms of lower maintenance needs. But many older pavements carrying heavy vehicles are continuing to show signs of distress. Normal maintenance measures can provide only short term improvement in these circumstances. Recently constructed pavements, based on more sophisticated design methods, are expected to stand up better to heavy vehicle loadings.

To improve efficiency in monitoring maintenance needs and assessing appropriate responses, the Department is establishing a pavement management system. At the moment, feasibility studies are proceeding, in conjunction with the University of New South Wales. Similar systems are used overseas to good effect in the areas of planning, scheduling and budgeting for roadworks.

## Bridges

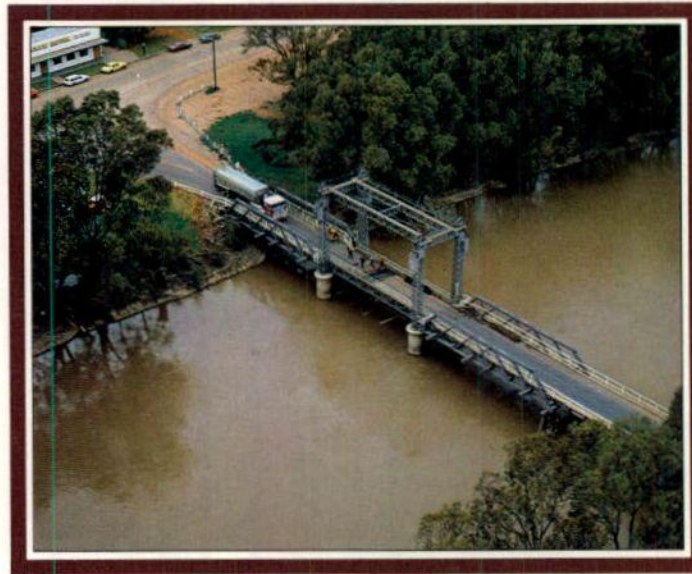
Bridge maintenance during the year was carried out by both the Department and Councils, the Department generally

undertaking the work on State Highways, National and ex-National bridges and special subsidy works. Inspections of all bridges were carried out on a regular basis.

A major maintenance project was carried out (by contract) on the twin bridges over the Nepean River at Pheasant's Nest, on the F5 - South Western Freeway. Deflection control cables were installed to counteract vertical deflection of the superstructure. The deflection was caused by stress relaxation across the concrete box girder section, a phenomenon known as 'concrete creep'. Provision had been made in the bridges' design for the correction of the creep, which was as predicted.

Apart from routine repainting activities, work on steel and concrete bridges generally consisted of repair of cracks, repair or replacement of expansion joints and repair or replacement of damaged traffic barriers and pedestrian railings.

Repairs to the State's 1,283 timber beam and 101 timber truss bridges continued to be an expensive though essential activity. This work usually consists of replacing worn-out decking and longitudinal sheeting, together with repair or replacement of damaged truss members, piles, girders, capwales, corbels and braces.



*A typical maintenance job for the Department — replacement of worn decking on the old timber beam and truss liftspan bridge over the Murray River at Tooleybuc on the Victorian Border (Main Road No. 222)*

## Ferries

Two large vehicular ferry vessels were overhauled at the Mortlake Slipway during the year. Central Workshop personnel assisted and supervised the major overhaul of three ferry vessels, and the general overhaul of another, on the North Coast.

## Road Condition Rating

The Department is developing a road condition rating system (known as ROCOND). Based on statistics, the system aims to provide an overall assessment of the condition of classified roads in New South Wales.

Using a 10% sample basis, detailed inspection is made of the various road components. Some 28 items are observed, including pavement and wearing surface; edges and shoulders; drainage; and traffic facilities.

According to its condition, measured against five pre-determined standards, each item is allotted a rating between 1 (good) and 5 (bad). The ratings are combined according to a formula having a heavy bias towards pavement surface and rideability, and a single rating index is produced. By taking the mean of indexes for a series of roads, a single rating figure can be obtained for an area, for a Division or for the State as a whole.

Initial surveys, in 1980-81 and 1982-83, have been limited to sealed country roads under the Department's control. The composite rating figures obtained for each were:

1980-81 - 2.47

1982-83 - 2.43 (provisional at the time of writing.)

The variation is not significant but indicates a reasonably stable overall condition throughout the State.

The system will assist in the development of pavement management systems and in determining priorities and funding needs for roadworks generally.



# Improving the Road System

The improvement of the classified road network is a joint undertaking in which the Department of Main Roads and 175 shire and municipal Councils co-operate to provide the community with better travelling conditions throughout the State.

As well as the projects listed in this Report (most of which have been undertaken by the Department with its own forces or by contract), there are many other important road and bridge works in which local Councils have played a major role.

Other State and Commonwealth Government departments and public utility authorities also play a vital role in preliminary or subsidiary work. Without their assistance, many road projects could not proceed. The co-operation of all these organisations and of Councils is acknowledged by the Department.

The following account aims to emphasise the 'route concept' (introduced last year) to an even greater extent, by integrating descriptions of both road and bridge works.

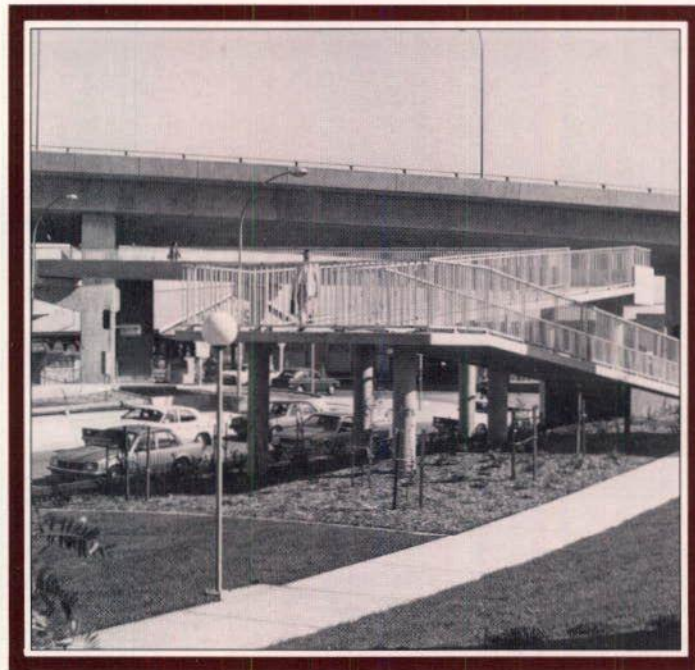
The projects described are only a small part of the Department's recent improvements to the road network and have been selected to give a broad picture of progress in developing the State's principal arterial routes.

Further details of all road and bridge works undertaken during 1982-83 will be published in the separate *Supplement to the Annual Report* at a later date.

## Freeways

### F3 - Sydney-Newcastle Freeway

Since the 1960s, one of the Department's major continuing freeway projects has been the development of the F3, planned eventually to link Sydney and Newcastle and supplement the heavily-trafficked Pacific Highway route.



*This new pedestrian bridge over Day Street provides safe access from the western end of Druiitt Street to the footway on the eastbound viaduct of the F3 — North Western Freeway at Darling Harbour.*

At its southern end, the F3 viaducts across Darling Harbour (completed in 1981-82 and sometimes referred to as the F3 - North Western Distributor) are a valuable asset. They not only give good access between the Ultimo-Pyrmont area and the central business district, but have also improved movement to and from the Sydney Harbour Bridge via the Western Distributor and Day Street, City.

As foreshadowed in last year's Report, the Department has completed construction by its own forces of a 10-span, 95 m long, prestressed concrete trough girder pedestrian bridge over Day Street, at the western end of Druiitt Street. This bridge gives pedestrians an easier and safer way of getting to and from the footway on the northern viaduct.

Construction of the Freeway north of Sydney's urban area began in the early 1960s. A 9.5 km section was opened in 1965, followed by a 15 km section in 1968. These two lengths, together with a Freeway bridge over the Hawkesbury River, form the present 26.6 km long Berowra to Calga Tollway which came into operation in 1973 (see

current operating account on page 46).

The rugged terrain through which the F3 passes has made construction difficult. Nevertheless high standard travelling conditions have been provided and, on the safety factor alone, this has been justified.

Financed by the Commonwealth Government as a National Highway project, work has been continuing for several years on additional sections. Proceeding northwards from Sydney, these are as follows.

### Calga to Somersby

Contract work began during the past year on earthworks, drainage and fencing of the 2.5 km section between Calga and Mooney Mooney Creek. Included is the provision of a steel arch underpass to allow wildlife within Brisbane Water National Park to cross the Freeway.

Construction also commenced of twin, three-lane, 485 m long bridges over Mooney Mooney Creek, estimated to cost \$19.5 million. Designed by the Department, these will be balanced cantilever structures, with deck levels 70 m above the creek bed.

Work is expected to begin on the section between Mooney Mooney Creek and Somersby in the coming year. As a preliminary, a 4 km deviation of the Pacific Highway near Kariong, including a bridge over the Freeway, is being built at a cost of about \$4 million. This contract work is now nearing completion.

The total cost of the 12.2 km Calga to Somersby section, plus the associated Highway deviation, is expected to approach \$100 million. When this length is completed in 1986 it will save motorists some 14 km, compared with the present route (State Highway No. 26) via Peats Ridge.

### Somersby to Ourimbah Creek

Work is continuing on the construction of this 6.2 km section, with a view to completion in early 1984. The length includes two bridges to carry Dog Trap Road over the Freeway, and a bridge over Ourimbah Creek. The total estimated cost of the section is \$25 million.

### Ourimbah Creek to Wallarah Creek Interchange

Earthworks are nearing completion and pavement construction is well advanced on this 15.6 km section. To provide access to and from the Pacific Highway at the northern end, a 7 km single carriageway motorway link is being built between Wallarah Creek Interchange and Doyalson.

Fifteen of the section's 17 bridges have now been completed. These include bridges over the Freeway at Alison Road and Sparks Road (both opened in 1982-83), and three bridges (one 100 m and two 81 m long structures) over the Wyong River Flood Plain at Deep Creek.

The route crosses several swampy areas but also, in contrast, features at Kangy Angy (just north of Cobbs





*Unreinforced concrete pavement being laid by a slipform paving machine on the Wyong to Wallarah Creek section of the F3 — Sydney-Newcastle Freeway.*

Road) the deepest road cutting (60 m) excavated in Australia. The 784 000 cubic metres extracted from the cutting were crushed for use as a sub-base at other locations.

Possible subsidence due to total extraction mining beneath or near the Freeway has necessitated an emphasis on flexibility in the structures and the pavement on some of this section. Between Ourimbah Creek and Wyong River, and on the motorway link, a flexible pavement has been adopted. Cost savings were achieved in the construction of the sub-base by using crushed sandstone from the Kangy Angy Cut and 'bottom ash', a cheap lightweight waste product from the Munmorah Power Station.

The cost of the ash, stabilised in place with 6% lime, is about one-third the cost of an equivalent sub-base composed of quarry products. A 36% saving in stabilisation costs was also achieved by using a pugmill at the Power Station stockpile, rather than mixing in place.

On the Wyong River-Wallarah Creek Section, a rigid pavement was adopted featuring unreinforced concrete (see page 34). The contractor is using a slipform paver, as well as a curing and texturing machine, and has established an on-site batch plant capable of producing 100 cubic metres of concrete an hour.

Emergency telephones are being installed on the Freeway every 1.6 km and the motorway section (every 1.6 km).

It is planned to open this length of F3 and its associated link in December 1983, providing a much-needed by-pass of Wyong. Initially the section from the Wyong River to Wallarah Creek will be single carriageway only, but completion of the second carriageway is planned for early in 1984.

## Walarah Creek to Morisset

Earthworks, drainage and fencing were continued throughout the year on this 12.8 km length. Work is well advanced and pavement construction is expected to commence shortly. The section is expected to be completed in 1986 at a cost of \$30 million.

## Wahroonga to Berowra

A start on this 15 km section awaits a decision following exhibition of the Department's environmental impact statement.

## F4 - Western Freeway

The F4 - Western Freeway is planned to extend from near Concord to the lower Blue Mountains. It will run parallel to and north of Parramatta Road, then parallel to and south of the Great Western Highway.

A 23.4 km length of the F4 between Prospect and Emu Plains has been in use for some years. The first 5 km section from Regentville to Emu Plains (including a new bridge over the Nepean River) was opened in October 1971. The 14.5 km section from Eastern Creek to Regentville was opened in December 1972; the 4 km section from Prospect to Eastern Creek was completed in April 1974.

## Concord to Auburn and Harris Park to Mays Hill

On 16 December 1982, the Premier of New South Wales, the Hon. Neville Wran, Q.C., LL.B., officially opened two new sections of the F4, from Young Street, Concord to Melton Street, Auburn (5.7 km) and from Church Street, Harris Park to the Great Western Highway at Frances Street, Mays Hill (3 km).

A feature of the first section is the 12-span, 366 m long bridge over the Main Northern Railway Line, local streets and Powells Creek at North Strathfield. Another is the two-span, 68 m long, steel box girder pedestrian bridge over the Freeway at Pomeroy Street, Homebush. This structure is the Department's first venture into cable-stayed bridging and was designed and built by its own personnel.

A brochure on the F4 and on Sydney's Western Region Road Program was produced for the opening of these two sections and is available free from the Department's Public Relations Section.

## Auburn to Granville

Construction of the F4 westwards from Melton Street, Auburn to James Ruse Drive, Granville is proceeding,

including extensive bridgeworks and the provision of onloading and offloading ramps at the western end. This 2.1 km section will also feature a nine-span, 300 m long bridge over Duck River and should be available for traffic in late 1984.

When this section is completed, the present temporary exit ramp at Melton Street will be closed. New access ramps will be provided for westbound traffic wishing to join the Freeway from Silverwater Road and for eastbound traffic wishing to leave the Freeway at this point.

At the western end of this section, Freeway work has to be integrated with improvements currently under construction on James Ruse Drive, which forms part of the Parramatta Ring Route (see details on page 22).

The two new sections of the F4 have pavements of continuously reinforced concrete (see page 34) with a textured surface finish. This provides better tyre grip and improved rainwater run-off, thus improving safety by reducing the risk of aquaplaning.

## Granville to Harris Park

Effort is also being concentrated on completing the intervening F4 section from James Ruse Drive to Church Street, Harris Park. This will be a continuous 1.8 km long viaduct, providing initially for four through lanes, with capacity for two more in the future.

In August 1983, a tender for concrete pile foundations was accepted, being the first of a number of contracts to be let in an accelerated program for building the viaduct. This procedure will enable construction to continue progressively as the design of each viaduct section is completed and acquisition of necessary land is finalised.



# Improving the Road System

The viaduct will be a continuous prestressed concrete structure with span lengths ranging from 28 m to 40 m. This variable span arrangement has been adopted to minimise interference to the numerous existing cross streets, railway lines, watercourses and major public utility services over which the viaduct passes.

The viaduct is expected to be completed by 1987 at an estimated cost of \$32 million.

This 'missing link' will bring into use a 12.5 km length of continuous freeway from the Great Western Highway at Mays Hill to Parramatta Road at Concord.

## Short Extension at Concord

In May 1983, the Minister for Roads, the Hon. Rex Jackson, announced that the Department would build an eastern extension of the F4 to provide a direct link to Parramatta Road at Concord.

The project is programmed for completion by 1987, to coincide with the opening of the viaduct section.

The new link will include a diversion of Concord Road - slightly to the west - on an overbridge across the Freeway extension, which will join Parramatta Road at the existing Concord Road junction.

The estimated cost of \$8 million includes \$3 million for property acquisitions, \$1 million for public utility adjustments and \$4 million for road and bridge works. Initial calculations indicate the extension will yield vehicle operation and travel time benefits to roadusers of about \$2 million a year or 25% of the anticipated cost.

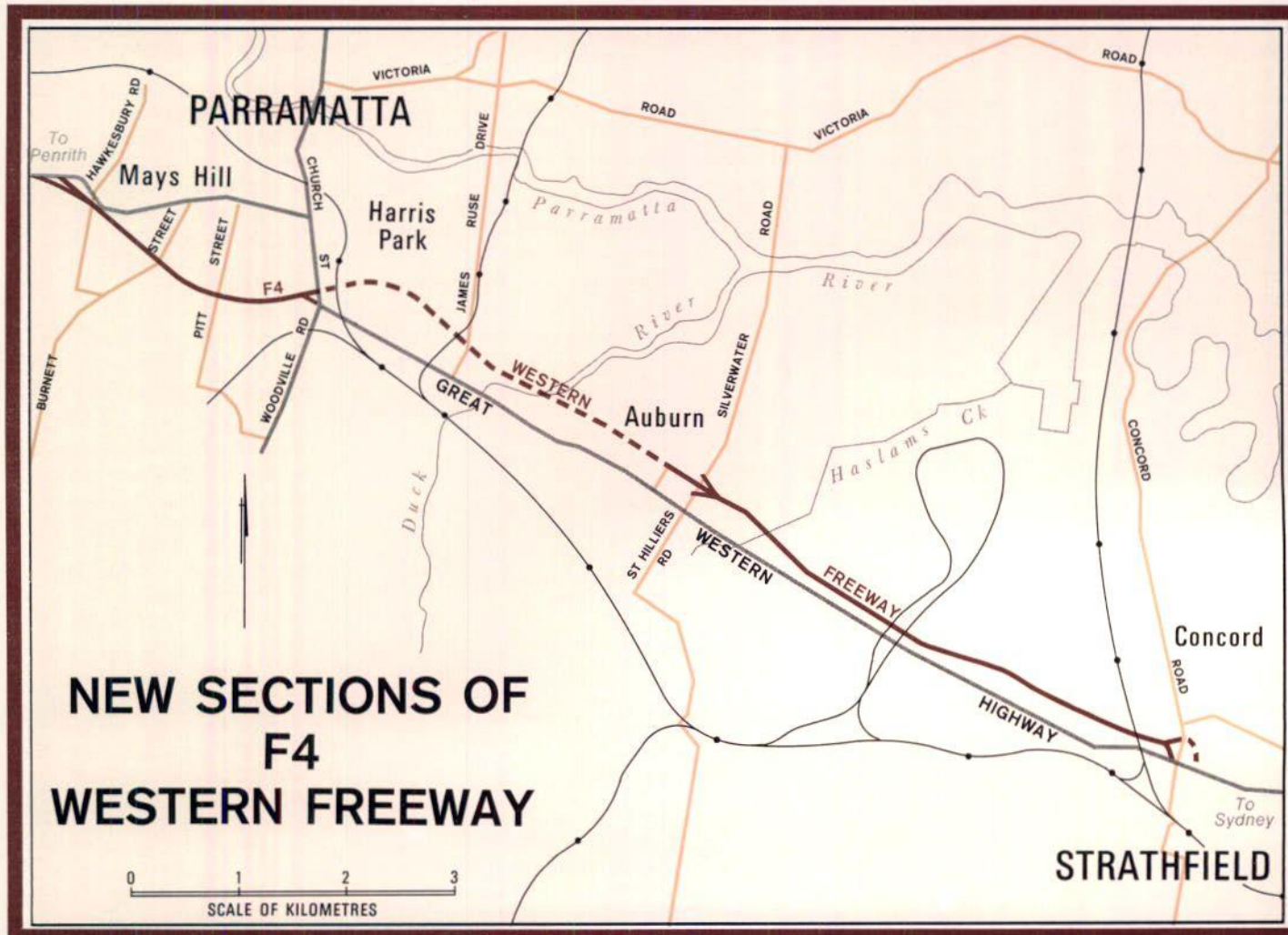
There is a clear need for improvements at this location, as long queues form at key intersections, particularly in the morning peak period. The new Concord Road overbridge and Freeway extension will reduce conflicting traffic movements and provide sufficient road space for expected needs well into the future.

## Other improvements

In view of other commitments, work on the remaining 9 km length of F4 between Mays Hill and Prospect is unlikely to be commenced in the near future. However, the Great Western Highway along this length is being upgraded.

Further west, three proposals are planned or underway to improve access to and from the F4 - Western Freeway.

During the year, construction began on a westbound loading and an eastbound unloading ramp between the F4 and Mamre Road. The new ramps are scheduled for completion early in 1984 and will allow traffic between the western side of the Nepean River and





# Improving the Road System

it Marys to by-pass Penrith by using the Freeway.

is also planned that in 1984 eastern ramps will have been completed at the bridge carrying Roper Road over the freeway at Colyton. These will provide entry to the F4 for eastbound traffic and exit from the F4 to Roper Road for westbound traffic.

the provision of ramps in both directions at Mulgoa Road, Waggonville will also be undertaken in the near future.

## F5 - South Western Freeway

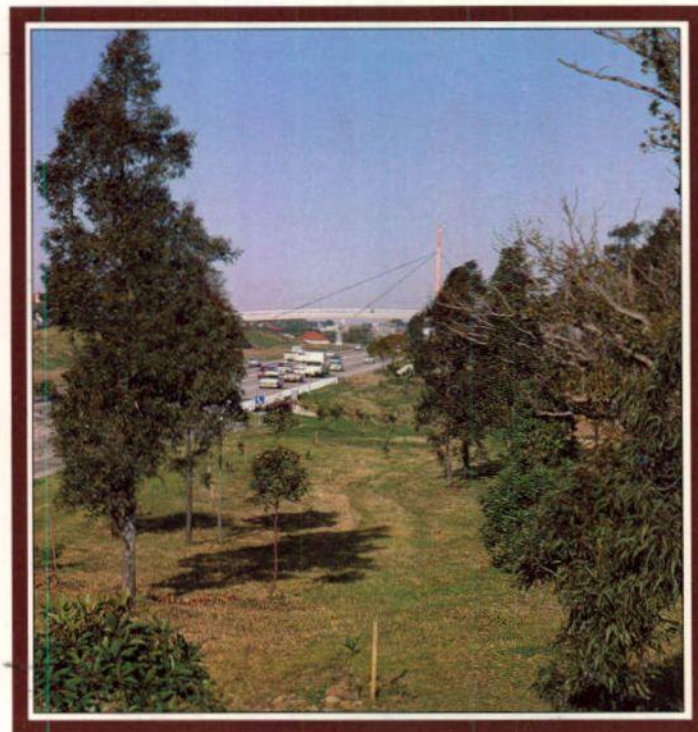
planned eventually to extend from Tempe in Sydney's inner south west to a point south of Berrima, the F5 at present comprises a 64 km length of uninterrupted freeway conditions between The Cross Roads, near Liverpool and Aylmerton, near Mittagong. This section of the Freeway supersedes the Hume Highway as a through traffic route, shortening the distance by 13 km and providing first class driving conditions.

The Department is presently concentrating on extending the Sydney end of the F5 - South Western Freeway between Casula and Beverly Hills, and proposes to construct the road southwards from Aylmerton towards Berrima in the near future.

### Casula to Moorebank

Construction of the F5 from the Hume Highway, Casula to Heathcote Road, Moorebank is proceeding on schedule and should be completed by mid-1984. Contractors have commenced earthworks and drainage on the section from the highway to the bridge over the Georges River and will soon start similar work from the bridge to Heathcote Road.

The new four-lane, 290 m long bridge over the Georges River will also carry the F5 over the main Southern Railway Line and Lakewood Crescent (a local



*Increasing emphasis on appropriate landscape design is well illustrated by the extensive plantations of trees and shrubs alongside the F4 - Western Freeway at Concord.*

street). The 7-span structure will have a composite steel box girder and reinforced concrete deck.

When opened next year, this section will bring road users considerable relief from the congestion that regularly occurs at Liverpool Bridge and Heathcote Road. The new bridge will also provide an alternative to the nearby causeway crossing at Cambridge Avenue, Glenfield, which is subject to flooding.

### Moorebank to Beverly Hills

Design is well in hand for the whole length of the Freeway between Heathcote Road, Moorebank and King Georges Road, Beverly Hills. It is the State Government's intention to complete a single carriageway along this section as soon as possible to provide an improved through route.

Benefits to road users will again include reduced congestion, shorter travelling times, and fuel savings. This work will also provide local job opportunities, an important factor for the community, as well as the individuals concerned, because of the increased spending power generated.

## F6 - Southern Freeway

The F6 - Southern Freeway is planned eventually to link Sydney and Wollongong, and then proceed south to Kiama. The route will generally parallel the Princes Highway.

To the south of Sydney, the 23 km Waterfall-Bulli Pass Tollway was opened in July 1975 (see operating account on page 47). In the Wollongong area, sections of the F6 have been progressively completed since 1963 to provide a 15.5 km length which now extends from Mt Ousley Road to Fowlers Road, Dapto. This route allows through traffic to by-pass a number of busy shopping centres, including the main commercial centre of Wollongong.

### Kanahooka to Dapto

At present, the two carriageways of the Freeway merge into one, just north of Byamee Street, Dapto. A contract has been let for a bridge to carry another F6 carriageway over Byamee Street and, when completed in 1984, it will enable the second carriageway to be extended further south.

The Byamee Street bridge and

others already built at Harvey Street, Fowlers Road and Emerson Road are essential features of the Freeway and allow access from the Princes Highway to the growing residential areas of Kanahooka, Koonawarra and Lakelands.

### Dapto to Yallah

On the 4.5 km section south of Fowlers Road to the Princes Highway at Yallah, earthworks continued and some pavement construction was carried out between Fowlers Road and Mt Brown Road. This section is expected to be completed in 1984-85 at a cost of \$11 million.

## Wollongong Northern Suburbs Distributor

This route is planned to run northwards from the F6 - Southern Freeway at Gwynneville, generally parallel to the route of the Princes Highway, its purpose being to improve access to Wollongong's northern suburbs. During the year, earthworks continued north of the Princes Highway at North Wollongong, towards Towradgi Road.

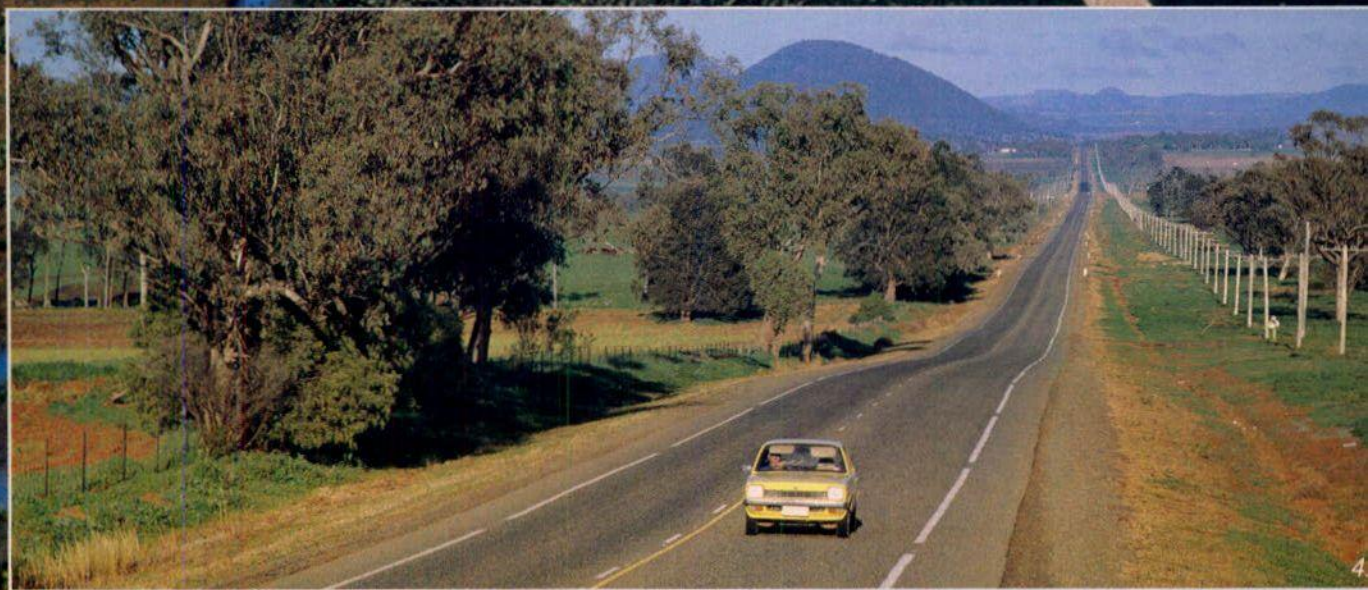
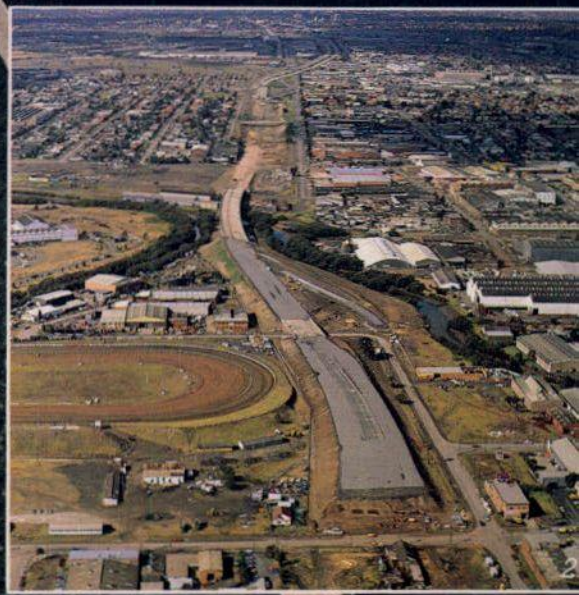
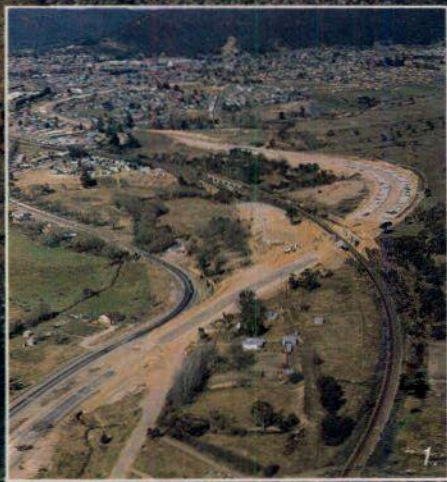
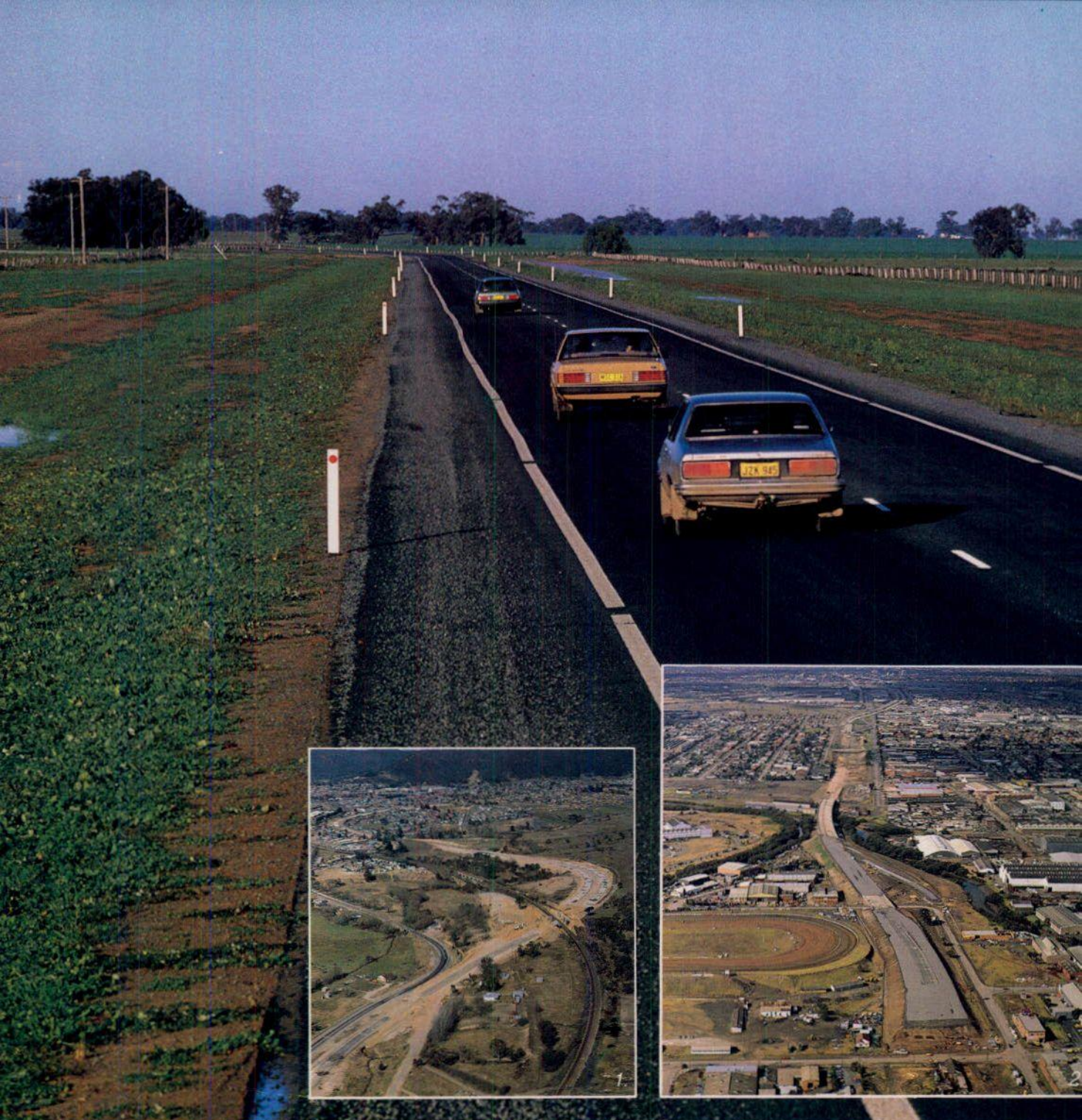
## North Wollongong Interchange

The temporary deviation of the Princes Highway to enable construction of the bridge to carry the Highway over the route of the Distributor at North Wollongong was completed and opened to traffic.

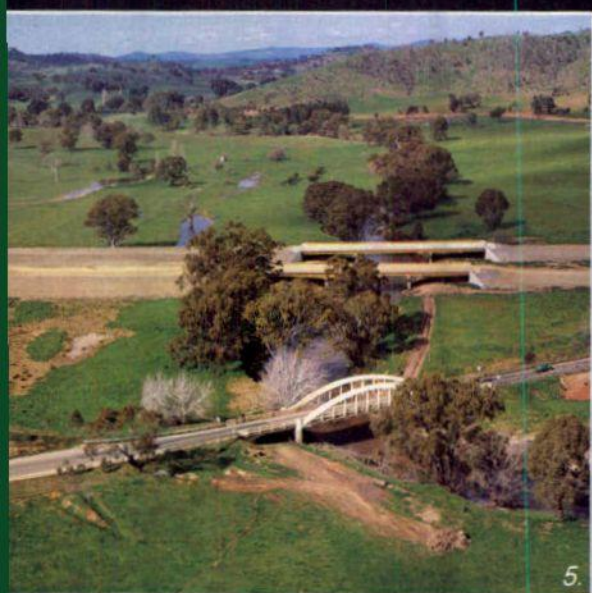
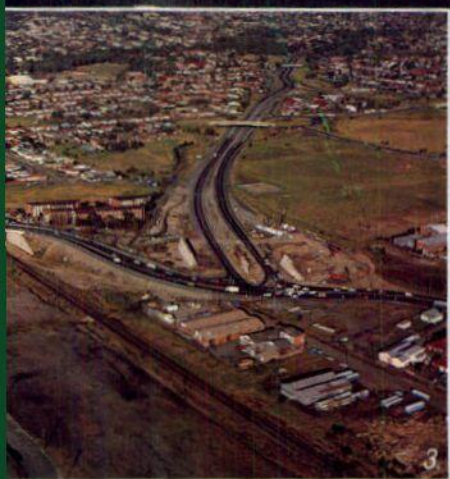
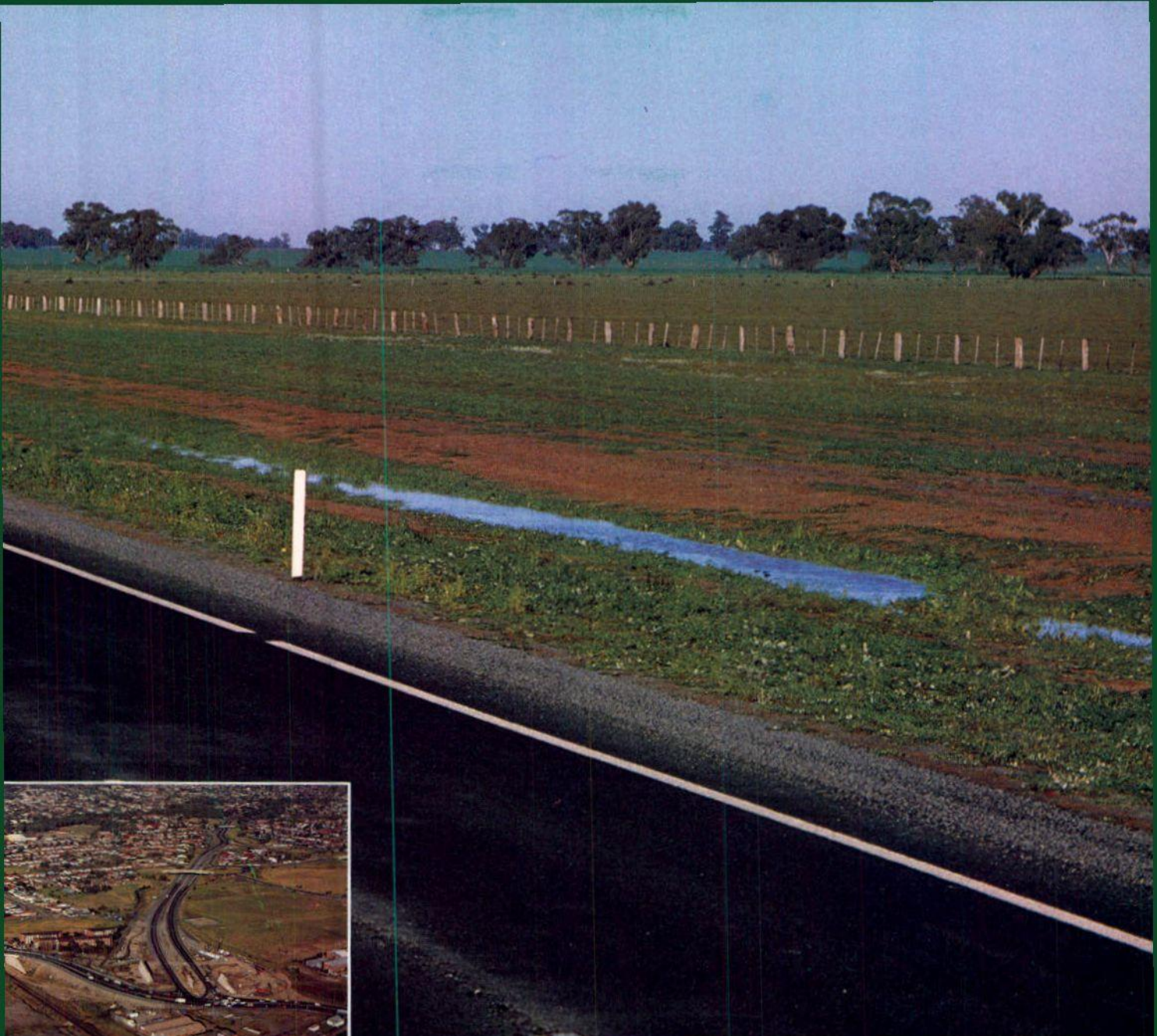
A contract has been let for the two-span, 76 m long, prestressed girder bridge which will ultimately be the centre-piece of a full-diamond interchange, flanked by four ramps linking the Highway with the Distributor and providing for all turning movements.

Initially, the bridge will form a partial interchange with the southern ramps in operation. The northern ramps will be built later as construction of the Distributor progresses. The new bridge will provide for three lanes of traffic in each direction and will have two pedestrian footways.









### Road Improvements 1982-83

*Improving the road system last year involved many works throughout the State. Against a background showing completed widening of a section of the Cobb Highway south of Deniliquin, these pictures illustrate a few of the Department's major projects.*

- 1. Construction of a dual carriageway deviation of the Great Western Highway at Bowenfels, near Lithgow.*
- 2. F4 — Western Freeway construction between Auburn and Harris Park.*
- 3. Looking southwest along the route of the new Northern Suburbs Distributor at North Wollongong. Construction of the proposed interchange with the Princes Highway is in progress.*
- 4. Completed reconstruction and surfacing on the Oxley Highway, west of Gunnedah.*
- 5. New twin bridges over Hillas Creek on the Tumblong Deviation of the Hume Highway, under construction south of Gundagai. The old bowstring arch bridge will be retained.*



There will also be an additional central lane to provide for the future movement of northbound traffic wishing to turn right from the Highway onto the Distributor, which will pass under the bridge with two travelling lanes in each direction.

## Sydney Region

Major road projects in the Sydney Region are planned to benefit the whole community by reducing travelling times and road accidents, by enhancing the environment and by providing employment opportunities in many different fields. Freeway works are listed separately on page 16.

### Northern Suburbs

To the north of the city, major proposals for the future include (with approximate estimated costs):

- Construction of the Wahroonga-Berowra section of the F3 - Sydney-Newcastle Freeway, known as the Hornsby By-pass (\$65 million).
- Widening of Pennant Hills Road to six lanes between Beecroft Road and Pearce's Corner (\$36 million).
- Construction of the F1 - Gore Hill Freeway between Willoughby Road, Naremburn and the Pacific Highway at Artarmon (\$37 million).

During 1982-83, improvements to routes in the northern area included the following.

At Balgowlah, work is continuing on the construction of the 1.5 km Burnt Bridge Creek Deviation. This six-lane divided carriageway will link Sydney Road and Condamine Street and overcome the problem of conflict between through and local traffic on the existing route (Main Road No. 164), particularly at Balgowlah Shopping Centre. The road and bridge works are estimated to cost \$6 million.

At Frenchs Forest, on Forest Way (Main Road No. 529), reconstruction and widening are

in progress, to provide six lanes between Adams Street and Wearden Road.

At Pymble, on Bobbin Head Road (Main Road No. 366), reconstruction and widening are continuing between the Pacific Highway and Kathy Close, to achieve four lanes.

Similar work to provide four lanes was completed during the year on Castle Hill Road (Main Road No. 156) between Robert Road and Franklin Road, West Pennant Hills; and on Showground Road (Main Road No. 157) between Kings Road and Gilbert Road, Castle Hill. Reconstruction and widening are continuing on Windsor Road (Main Road No. 184) between Showground Road and President Road, Kellyville.

Reconstruction and pavement strengthening continued on isolated sections of Old Northern Road (Main Road No. 160) between Windsor Road, Baulkham Hills and Castle Hill Road, Rogans Hill.

### Western Suburbs

In October 1982, the State Government announced an extensive program of roadworks for Sydney's fast-developing Western Region. A brochure describing these improvements is available from the Public Relations Section.

Many of the works are already underway and include the following three major projects.

- Completion of the F4 - Western Freeway between Concord and Mays Hill (\$75 million).
- Widening of the Great Western Highway to six lanes through Prospect, St Marys and Kingswood (\$32 million).
- Extension of the Parramatta Ring Route (\$32 million).

Continuing construction on the F4 - Western Freeway is described under 'Freeways' (page 16).

On the Great Western Highway (State Highway No. 5),

intersections have been widened and improved at Five Dock (Great North Road) and at Ashfield (Liverpool Road). Bridges were widened at Iron Cove Creek, Five Dock, and at A'Becketts Creek, Harris Park. Reconstruction is continuing at the junction of the Highway with James Ruse Drive, on the eastern perimeter of the Parramatta Ring Route (see below).

Also on the Great Western Highway, property and public utility adjustments were commenced as a preliminary to widening to six lanes between Glossop Street, St Marys and Gipps Street, Werrington. A new bridge duplicating the existing crossing of South Creek at St Marys is now being built and will provide for two westbound traffic lanes.

Meanwhile the final stage of widening the Highway to six lanes between O'Connell Street and Parker Street, Kingswood is underway, on the section between O'Connell Street and Santley Crescent. The expected final cost of this work is more than \$4.5 million.

North of the Parramatta River, on Kissing Point Road (Main Road No. 574), reconstruction and widening to provide a six-lane divided carriageway is nearing completion on the section between Station Street and Bettington Road, Dundas. Included in the work was the widening of the bridge over Vineyard Creek, and the construction (by the State Rail Authority) of a new railway bridge to span the widened roadway.

### The Parramatta Ring Route

This important system of new roadway and improvements to existing roads continues to be extended. Eventually the route will circle north from the Great Western Highway at James Ruse Drive, Granville, curve to the west and then south to rejoin the Highway at Emert Street, Wentworthville. When

completed in 1987, the Granville Mays Hill Section of the F4 - Western Freeway will form the southern perimeter of the ring route.

Work accomplished during the year included the following projects.

On James Ruse Drive (Main Road No. 309) construction continued of a two-span, 27 m long bridge over Duck Creek. The immediate approaches to the bridge have now been completed.

A major work, also on James Ruse Drive, is the construction of northbound and southbound carriageway bridges over the Carlingford Railway and A'Becketts Creek at Rosehill. The bridges will have nine and ten spans and measure 259 m and 256 m in length respectively and will provide a total of six traffic lanes and one footway. Completion is planned for 1984 at an estimated cost of more than \$4.5 million. Associated work on public utility adjustments was carried out during the year, as well as some strengthening of local roads, necessary for traffic detours.

Construction continued on the north-western arm (County Road No. 5015) extension of the Parramatta Ring Route from Harris Road to Lower Mount Street, Wentworthville.

At the same time, construction of dual carriageways continued on Old Windsor Road (County Road No. 5033), from Hammers Road, Old Toongabbie to Johnstons Bridge over Toongabbie Creek. This northern offshoot of the Parramatta Ring Route forms an important link to the developing areas of Baulkham Hills and Kellyville.

At Johnstons Bridge, a new structure was completed during the year. It replaces a low-level timber beam bridge which was subject to flash flooding with resulting loss of life. The new bridge is a four-span, 88 m long prestressed concrete girder structure, providing four traffic lanes.



# Improving the Road System

Slightly further north on Old Windsor Road, the approaches to the new bridge over Toongabbee Creek at Pyes Crossing (opened in 1981-82) have been completed.

## Southern Suburbs

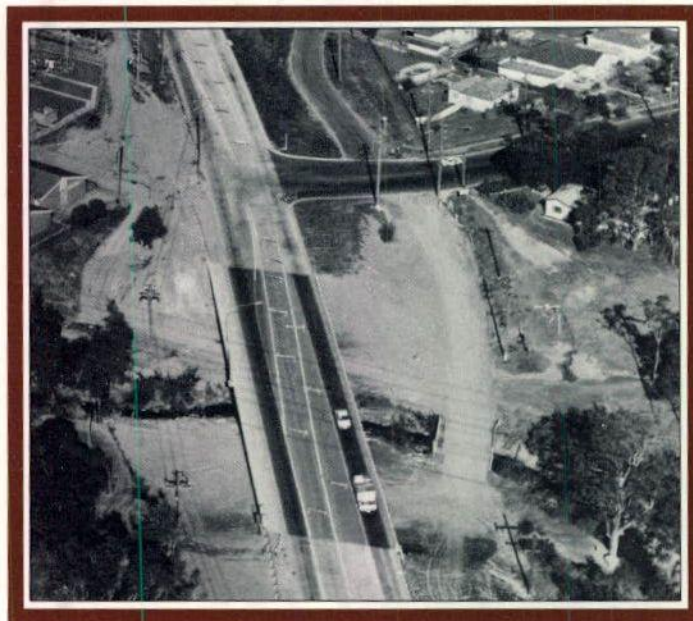
Important road and bridge construction projects planned for the southern areas of Sydney include:

- Duplication of the Princes Highway bridge over Georges River at Tom Uglys Point, (\$17 million).
- Construction of a link between Wentworth Avenue and General Holmes Drive, Botany (\$6 million).
- Widening of Punchbowl Road progressively from King Georges Road, Wiley Park to Coronation Parade, Belfield (\$10 million).
- Widening of Henry Lawson Drive at Peakhurst, including duplication of Salt Pan Creek Bridge (\$11 million).
- Extension of the F5 - South Western Freeway from the Hume Highway at Casula to King Georges Road, Beverly Hills (\$73 million).

Works completed, commenced or continued during 1982-83 included the following.

On the Princes Highway (State Highway No. 1), channelisation of the intersection with Forest Road and Wickham Street, Arncliffe continued, and right turn storage bays were provided at the junctions of Formosa, Corea and Box Roads, between Sylvania and Gympie.

In May 1983, prequalified contractors were invited to tender for construction of a new bridge to carry three lanes of southbound Princes Highway traffic over the Georges River at Tom Uglys Point, allowing the existing bridge to carry northbound traffic only. In July 1983, a contract was let for a 604 m long steel box girder bridge with a reinforced concrete deck. This project is Commonwealth funded as a Bicentennial roads project (see



*Looking south along Old Windsor Road with the new Johnstons Bridge over Toongabbee Creek in the foreground.*

page 29) and will greatly alleviate the delays currently experienced at this crossing during weekday peak periods, at weekends and during holiday periods.

Also on the Princes Highway, at Kirrawee, work continued on construction of a three-span, 80 m pedestrian bridge over the Sutherland By-pass.

A major work in progress is the reconstruction and widening to six lanes of Henry Lawson Drive (Main Road No. 508) from Salt Pan Creek to Simone Place, Peakhurst. Included in the project is the widening of the existing bridge over Salt Pan Creek at Padstow, from two to six lanes. Work continued during the year on construction of the additional carriageway from east of the Creek to Johnston Street. As an interim improvement, it has been possible to provide one additional lane and introduce 2:1 tidal traffic flow, thus alleviating peak hour congestion.

These improvements to Henry Lawson Drive will not only upgrade an important route from Sydney Airport to the south west, but also provide a better link between the two major north-south road systems: State Route No. 33 and Alford's Point-Silverwater.

South of the Georges River, at Gympie, reconstruction of The

Kingsway (Main Road No. 227) to provide six lanes was completed.

In the south-west, on Betts Road (Secondary Road No. 2071) at Merrylands West, public utility adjustments were carried out as a preliminary to constructing four lanes of divided carriageway between Paton Street and Woodpark Road. Further south on the same route, Cambridge/Joseph Street is being reconstructed to four lanes between Canley Vale Road and John Street, Canley Heights.

On Elizabeth Drive (Main Road No. 515) at Heckenberg, reconstruction to provide four lanes continued. Further west, on The Northern Road (Main Road No. 514) a 1.3 km section through Luddenham was widened to four lanes. Also on The Northern Road, the section 3.4 to 5.5 km north of the junction with Camden Road at Narellan was reconstructed during the year.

At Campbelltown, construction of the southern connection to the Moore/Oxley By-pass was completed on Appin Road (Main Road No. 177) between Bradbury Avenue and Therry Road. From Therry Road south to Woodland Road, construction of 2.6 km of northbound carriageway was also completed.

## State Route No. 33

State Route No. 33 leads from Mona Vale in the north, via Pymble, Ryde, Homebush and Hurstville to the Princes Highway at Blakehurst. It is Sydney's principal ring route, linking and supplementing a wide range of long-established radial routes. Progressive improvements are being carried out with a view to eventually providing six lanes throughout. Among works completed or in progress during the year were the following.

On Concord Road (Main Road No. 200), restoration of the concrete pavement between Hospital Road and Victoria Avenue, Concord West is continuing.

In Strathfield, an important deviation is being constructed between Ada Street and Arthur Street. Known as the Hudson Street Deviation (County Road No. 5010), the work is expected to cost more than \$2.5 million.

On King Georges Road (Main Road No. 315), construction of a six-lane extension from Punchbowl Road to Roberts Road, Greenacre continued. Construction is also in progress to widen the existing roadway to six lanes between Roseland Avenue and Broadarrow Road, Beverly Hills. Together, these projects will cost in excess of \$4.5 million.

## Alford's Point to Silverwater Route

This cross-regional route supplements State Route No. 33, and forms a link between the bridge over the Georges River at Alford's Point and the bridge over the Parramatta River at Silverwater.

On Alford's Point Road (County Road No. 5016), an extension of the northern approach to the Alford's Point bridge was completed during the year. Construction of a deviation from Macauley Avenue to Stacey Street South, Bankstown and the widening to four lanes of



Stacey Street South from Arkley Street to Canterbury Road, Bankstown were also completed.

At Lidcombe, the section of Joseph Street (Main Road No. 190) between Kerrs Road and The Boulevard has been widened to six lanes. Construction of the Bede Street Deviation is continuing northwards towards the Berala railway line, where the State Rail Authority has commenced widening of the railway overbridge. The deviation is planned for completion in 1985 at an expected final cost in excess of \$3 million.

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## Statewide Arterial Roads

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### Princes Highway

#### State Highway No. 1

This important southern route links Sydney and Melbourne via the coast. It is supplemented between Waterfall and Bulli Pass and in the Wollongong region by sections of the F6 - Southern Freeway (see page 19).

On the Princes Highway, at North Wollongong, the Department is constructing a major six-lane, 67 m long, prestressed concrete girder bridge over the Main South Coast Railway line at Flinders Street. Stage 1, involving the three northern lanes, was completed during the year and is in use. The second stage is now under construction.

Another overbridge is being built over the railway at Yallah, 18 km south of Wollongong. This single span, 27 m long structure will provide two traffic lanes.

Meanwhile the Department continues work on the reconstruction and realignment of the 4 km winding section from Attunga Crescent, Kiama Heights to Mt Pleasant. Completion is expected in mid-1984 at an estimated cost of \$8.5 million.

Although cycleways (see page 54) are normally the province of Councils, the Department is involved in the construction of one at Nowra. In this case, the timber-decked footway of the bridge over the Shoalhaven River is being replaced by reinforced concrete supported on galvanised steel decking. When the reconstruction is complete, a 342 m long, 2 m wide carriageway will have been provided for cyclists.

Also at Nowra, the East Street Deviation of the Princes Highway, opened in December 1981, was completed last year with a surfacing of asphaltic concrete. The approximate final cost of the whole project was \$8.1 million.

Just north of Batemans Bay, work began on more than 7 km of pavement restoration and shoulder sealing, and improvement of four intersections, between the Clyde River and Cullendulla. This project is expected to be completed early in 1984 at an estimated cost of \$1.6 million.

Further south, construction commenced of a six-span, 60 m long bridge over Coila Creek, between Moruya and Bodalla. Formation widening and shoulder sealing were completed on a 5 km length of Highway between Narooma and Corunna Lake.

A ceremony was held at Merimbula on 3 December 1982 when a three-span, 66 m long bridge over Merimbula Lake was officially opened by the then Minister for Roads, the Hon. Paul Whelan. The new bridge provides two traffic lanes and two footways, at a cost of about \$1.8 million (including approaches). It replaced a narrow, five-span, timber structure, built in 1908 and thus eliminated the last single span bridge on the Princes Highway. The old bridge's closely-spaced piers had been difficult for small boats to negotiate, and so the new bridge improves travelling conditions for river traffic, as well as for road users.

### Hume Highway

#### State Highway No. 2

The Hume Highway is the main intercapital route between Sydney and Melbourne. From the Cross Roads near Liverpool to Aylmerton near Mittagong, the route incorporates the 64 km long F5 - South Western Freeway. The Freeway together with the Highway south to the Victorian border at Albury is a declared National Route, on which approved works are totally funded by the Commonwealth Government (see F5 report on page 19).

During 1982-83, reconstruction was completed to provide four lanes on 6 km between Aylmerton and Mittagong, at a total cost of almost \$6.5 million.

The Department won the contract for construction of 3.7 km of dual carriageway from Black Bobs Creek (27 km south of Mittagong) south to Cherry Tree Hill. This is a Bicentennial road project funded by the Commonwealth Government (see page 29) and is planned for completion late in 1984 at a total cost of \$4.7 million. Construction commenced by contract of a 4-span, 94 m long concrete girder bridge over Black Bobs Creek, to carry the two northbound highway lanes.

A new dual carriageway, 1.5 km long, was completed between Exeter Road and Black Horse Farm, near the Illawarra Highway junction, at a total cost of \$3.2 million.

Contract work commenced on earthworks and drainage for 6.8 km of new northbound carriageway, from 13.5 km south of Goulburn. This \$3 million project is due for completion late next year.

The provision of a second carriageway for almost 4 km from 16.2 km southwest of Yass continued with Bicentennial Road Development funding. A \$2.2 million program of alignment improvement from 33 to 35 km southwest of Yass, between Bookham and Connors

Creek, neared completion, with 1.7 km open to traffic.

A portion of a 10 km section of dual carriageway, 60 km southwest of Yass, was completed during the year, eliminating a sharp bend with a bad accident history at 'Cooineee Corner'. Work is well advanced at the northern end, and a new 81 m long bridge over Cooneys Creek will shortly be opened to replace the existing narrow and inadequate structure. The new bridge, which is twice as long as the old one, will initially carry two-way traffic and later southbound vehicles only, when the second carriageway is completed.

Work is also well advanced on construction of dual carriageway from 5.8 to 7.8 km south of Gundagai, which will eliminate the last remaining flood-affected section of the Hume Highway south of Gundagai. Earthworks are virtually completed on the next 1.5 km section, also.

Further south, from 11.3 km south of Gundagai, a major series of improvements is nearing completion on a 17.3 km section of the Highway. Known generally as the Tumbalong Deviation, the improved route will eliminate the narrow, poorly-aligned length through Sylvias Gap. Work is being undertaken in three stages, as follows.

On the section from 11.3 to 13.5 km south of Gundagai, earthworks and stormwater drainage construction, begun in July 1982, are nearing completion. The Department's Yass Works Office was the successful tenderer for this job.

The next 8.8 km is expected to be opened in late 1983, following completion of a \$5.7 million contract, let in November 1982, for the placement of a concrete pavement.

The section from 22.3 to 28.6 km south of Gundagai is planned for completion in early 1984. A \$3.3 million contract was let in December 1982 for earthworks, stormwater drainage and minor pavement works.



# Improving the Road System

Included in the Tumbalong Deviation project is the construction of three large bridges. The first, over Adelong Creek, will consist of five spans with a total length of 106 m and provide two traffic lanes. The other two bridges are twin three-span structures over Hillas Creek, each 76 m long. Together they will provide four traffic lanes and replace an unusual 1938 concrete bowstring arch bridge, which is being retained.

Meanwhile, rehabilitation of the section between 39 and 51.7 km south of Gundagai is continuing, with a 2 km length now complete. Between there and the Victorian border, rehabilitation or reconstruction was also completed during the year on a further three lengths of the Highway totalling 10.8 km.

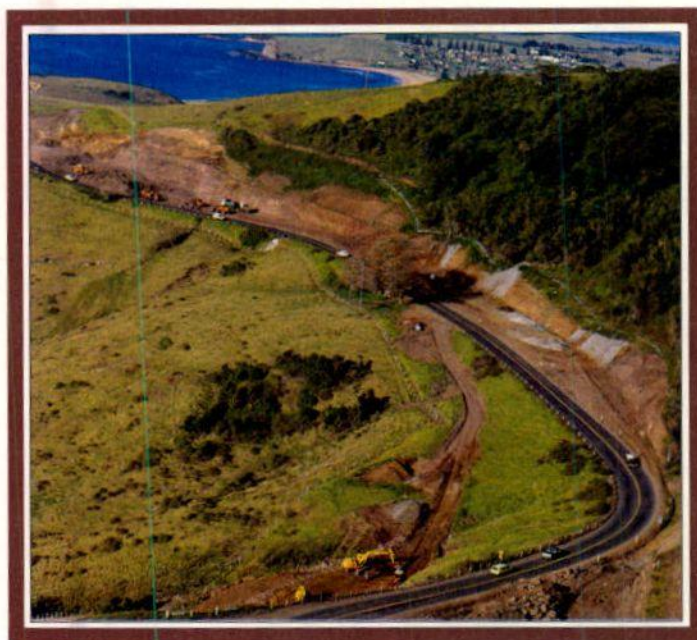
Among other significant improvements still in progress is the reconstruction of the route over Kyeamba Gap, between the Sturt Highway junction and Holbrook, at an estimated cost of \$8 million. A contract covering 2 km of the total 6.4 km section is now underway. In the border city of Albury, the reconstruction of Mate Street has been completed.

## Federal Highway

### State Highway No. 3

This National Route leads from the Hume Highway, south of Soulburn, to Canberra. The Department plans to provide dual carriageways throughout the 68 km length to the border of the Australian Capital Territory. There are now 16 km of dual carriageway extending from the Hume Highway to Willow Tree Creek.

During 1982-83, work continued on construction of the approaches to the new bridge over Willow Tree Creek. The bridge itself, a three-span, 51 m long, prestressed concrete plank structure, was completed. A 4.5 km length of pavement rehabilitation work adjacent to Lake George was completed and rehabilitation of the next 3 km was begun.



*South of Kiama, reconstruction and realignment of a winding section of the Princes Highway is proceeding. This aerial view looks southwards towards Gerringong.*

## Snowy Mountains Highway

### State Highway No. 4

Across the foothills of the Snowy Mountains, this Highway provides a link between the Princes and Hume Highways.

West of Bemboka, construction was completed on the approaches to the new bridge over the Nunnock River (opened in 1981-82).

Major reconstruction of a 5 km length of the Highway from Tumut eastwards has been virtually completed. Pavement strengthening and associated drainage works are continuing on a 19 km section, west of Tumut.

## Great Western Highway

### State Highway No. 5

This important highway links Sydney to Bathurst where it joins with the Mitchell and Mid Western Highways. In the Sydney region the Highway is being supplemented by sections of the F4 - Western Freeway (see page 17).

Considerable progress has been achieved in widening the Highway to four lanes where possible in the Blue Mountains region. Between Lapstone Hill and Glenbrook a 3 km section

was completed during the year, and the adjoining length of 2 km is nearing completion. This work will have cost in excess of \$6 million.

In July 1982, the Department completed construction of a four-span, 62 m long, steel box girder pedestrian bridge over the Highway at Leura Public School.

Also at Leura, the junction of the Highway and Scott Avenue was reconstructed. Further west, at Mt Victoria, construction commenced to provide an additional lane for slow-moving vehicles on the down-grade. The work also involves extension of the up-grade overtaking lane in the vicinity of Mt York Road.

A major project is underway just west of Lithgow, where a 2.3 km dual carriageway deviation is being constructed. Planned for completion by mid-1984, the new Highway route will provide far better alignment than the existing one and will by-pass the low clearance railway bridge at Bowenfels, a notorious hazard for vehicles carrying high loads.

Associated with the project was the construction of twin, four-span, 48 m long bridges over Farmers Creek, providing four traffic lanes. These bridges were completed during the year.

The deviation also incorporates

twin bridges over the Western Railway Line. Contract work began during the year on these three-span, 43 m long structures.

Meanwhile, in Bathurst, the City Council is proceeding with reconstruction of the Highway in Stewart Street.

## Mid Western Highway

### State Highway No. 6

Starting at the junction of the Great Western Highway at Bathurst, the Mid Western runs south-westerly to join the Cobb Highway near its intersection with the Sturt Highway at Hay.

Various widening and strengthening works along the Highway totalling 5.8 km have been undertaken by the Department and Shire Councils during the year. These works included reconstruction to provide a strengthened and widened, full-width sealed pavement in Hay.

Preliminary work was carried out on the approaches to a new bridge over the Lachlan River at Cowra. Construction of the bridge also began by contract. The seven-span, 308 m long bridge will replace an old 21-span timber and steel structure, and is being funded under the Australian Bicentennial Road Development program (see page 29).

## Mitchell Highway

### State Highway No. 7

The Mitchell Highway extends north-west from Bathurst through Dubbo and Bourke to the Queensland border at Barrington.

Not far west of Bathurst, the Department is widening two bridges over Rocks Creek. Work has also begun on reconstruction of the approaches.

Reconstruction continued on a 5 km section of the Highway mid-way between Bathurst and Orange, and another short section was completed just west of Orange.



# Improving the Road System

Other improvements to the road surface, width and/or alignment were completed, or are continuing on several sections between Molong and Bourke.

## Barrier Highway

### State Highway No. 8

The Barrier Highway leaves the Mitchell Highway at Nyngan and proceeds due west through Cobar and Wilcannia and Broken Hill to the South Australian border at Cockburn.

A major construction job is nearing completion on the Talyawalka Creek Flood Plain, east of Wilcannia, to provide a flood-free roadway. The work involves six separate bridges, ranging in length from 48 m to 120 m. For economy, the same 6 m span length was used throughout, resulting in bridges of 8, 12, 15, 17, 18 and 20 spans respectively. The new structures will carry two traffic lanes and together they replace two open causeways and four old timber beam bridges. Work is outstanding on the approaches to two of the bridges. This will be completed in October 1983, allowing the bridges to be opened to traffic.

Work is also nearing completion on reconstruction and widening of more than 3 km of the Highway west of Broken Hill, at a cost of \$1.7 million.

## New England Highway

### State Highway No. 9

Another National Route, the New England Highway extends from the Pacific Highway at Hexham through Tamworth and Glen Innes to Wallangarra on the Queensland border, whence it connects with a route to Brisbane.

At Hexham, where the New England Highway begins, a major bridge construction project has commenced, to duplicate the existing Pacific Highway crossing of the Hunter

River (see under Pacific Highway on this page). Work also began, during the year, on the New England Highway approach to the new bridge, which will alleviate congestion at the junction of the two Highways.

Several improvements to the New England Highway were completed last year, including the provision of 1.2 km of dual carriageway in East Maitland. Construction of a 1.2 km deviation, including a passing lane, from Redpost Hill to Harpers Hill was commenced.

Construction of a 2 km, \$1.3 million deviation, from Jump Up Creek to Three Sisters, west of Maitland, continued with a view to completion in late 1983.

Another deviation, 3.5 km long, from Glennies Creek to Brunkers Lane was completed. Included in this job was the construction of a five-span, 80 m long bridge over Bowmans Creek, replacing an old timber structure.

Construction of a 1.4 km length of divided carriageways between Bell and Rutherford Streets, Muswellbrook, is nearing completion.

One of this year's Australian Bicentennial Road Development projects (see page 29) is the provision of a long-life concrete pavement on the Highway (Kelly Street) within the township of Scone. Although short in length (0.7 km), the improved section will incorporate four through lanes, plus turning lanes and a roundabout at the intersection with Liverpool Street. The project, estimated to cost \$1.4 million, will significantly improve traffic conditions in Scone. Adjustment of public utility services, prior to construction, has begun.

Another major project on the New England Highway has been the construction of a 6.5 km long northbound carriageway over the First Moonbi Range, north of Tamworth. The new dual carriageway route was opened to traffic in August 1982, at a cost of approximately \$6.5 million.

About 40 km north of Tamworth, two important bridges are now under construction. Both are being financed by the Commonwealth Government under the Bicentennial roads program (see page 29).

The first bridge is a five-span, 200 m long structure which, with associated roadworks, will allow through traffic to by-pass Bendemeer. It will replace an old timber truss bridge over the McDonald River.

The second, a single-span, 22 m long bridge replaces an old concrete crossing of Perrys Creek.

Yet another important improvement was made available to motorists in May 1983, with the completion of the 4.5 km Devils Pinch Deviation, north of Armidale. The new route eliminates a narrow winding section of the Highway and will reduce both accidents and travel times. The final cost, including a new 57 m long bridge over Tilbuster Ponds, was in the region of \$4 million.

## Pacific Highway

### State Highway No. 10

The Pacific Highway is the principal artery linking Sydney and Brisbane. Sections of it, south of Hexham, are part of a National Highway route, along with the F3 - Sydney-Newcastle Freeway (see page 16).

In conjunction with the construction of the Calga-Ourimbah Creek section of the Freeway, a 4 km deviation of the Pacific Highway is being constructed near Kariong. The new two-lane route, now nearing completion, has better alignment than the old section of Highway.

Other completed improvements to the Pacific Highway in this area included reconstruction and widening to four lanes on a 1.5 km long section south of Gosford and the construction of dual carriageway between the Doyalson intersection and the motorway link to the F3 -

Sydney-Newcastle Freeway. The latter is a Bicentennial project.

Further north, at Lake Macquarie, 3 km of divided carriageway (to Nords Wharf Road) are still under construction, as is a further 1.2 km section between Gateshead and Charlestown in Newcastle.

Several important bridgeworks on the Pacific Highway were commenced during 1982-83. The most major of these is the 15-span, 576 m long concrete box girder bridge over the Hunter River at Hexham, near the junction with the New England Highway. This additional bridge will provide three traffic lanes for northbound traffic while the existing 31 year old, 383 m long steel and concrete bridge will then carry southbound traffic only.

The northbound lanes of the new bridge will carry two lanes of vehicles from the Pacific Highway approaches and one lane from an on-loading ramp, which will provide access for New England Highway traffic approaching from the Maitland side. This will ease conditions at this bridge junction, which has been under growing pressure from increasing traffic volumes in the last few years and has become a bottleneck in the movement of traffic, particularly during holiday periods.

The whole project is planned for completion in 1985 and is part of the State Government's on-going involvement in the development of the Hunter Valley region, with its richness of natural resources and tourist potential. The crossing of the Hunter River at Hexham is the gateway to the north, as well as to the recreational area around Port Stephens, the industrial area around Tomago, and the residential area around Raymond Terrace.

At 38 km north of Taree, work began on the superstructure of a new eight-span, 289 m long bridge over Stewarts River to replace an old concrete



# Improving the Road System

structure. This is a Bicentennial Road Development project. Another replacement bridge is being built over the North Coast Railway Line at Rossglen, slightly further north. Other new bridges were commenced at Greenwattle Creek, just south of Kempsey; at Woolgoolga Creek and Poundyard Creek, 25 km north of Coffs Harbour; and at Abbimoble Creek and its overflow, 68 km north of Grafton.

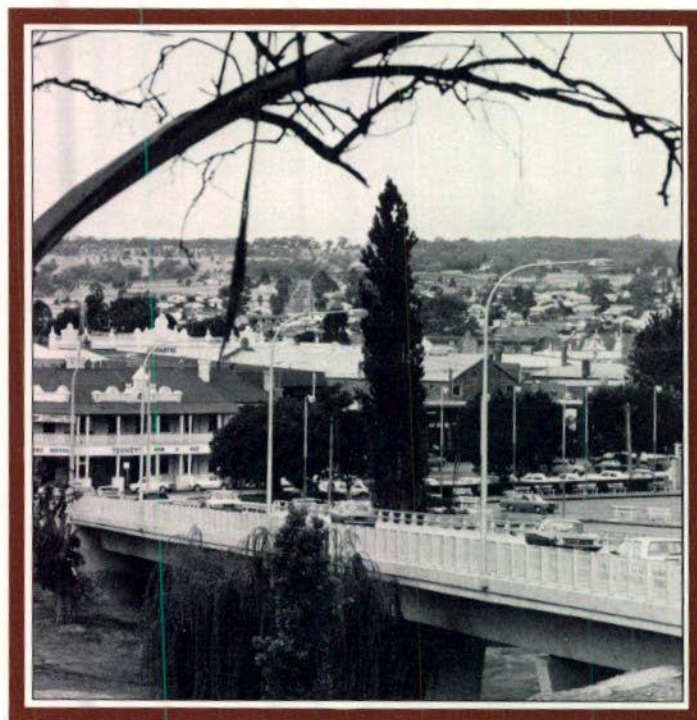
A major project completed during the year is the 4.6 km long, \$3.5 million Deep Creek Deviation, north of the Lambucca Heads turn-off. This deviation is an extension of the already-opened Bellwood Deviation and replaces a narrow, poorly-aligned section of Highway. Included in the new route is a six-span, 91.3 m long bridge over Deep Creek, which replaced an old timber beam bridge.

Further up the coast, from about 5 km north of Coffs Harbour, reconstruction work began on two sections of the Highway, totalling 7 km, at an estimated cost of over \$3 million. The second section, from Arrawarra Creek to the Corindi turnoff, is known as the Wedding Bells Deviation and is being funded under the Bicentennial roads program.

Among several Highway improvements in the area, a 2 km deviation and two new bridges were completed at Tyagarah, 8 km north of Ballina. The first bridge is a three-span, 52 m long structure over the Casino-Murwillumbah Railway Line, and has eliminated a level crossing. The second is a four-span, 81 m long bridge over Tyagarah Swamp Drain.

Just south of Tweed Heads, a 1.8 km length is being reconstructed to provide a six-lane dual carriageway from Sextons Hill to Boyds Bay. The work is planned for completion in 1984 at a cost of more than \$1 million.

Preliminary work started during the year on the approaches to



*On the Gwydir Highway at Inverell, motorists use the newly-opened bridge over the MacIntyre River in March 1983.*

the new Boyds Bay Bridge over Terranora Creek. This will be a five-lane, 193 m long, prestressed concrete structure on the eastern side of the present narrow two-lane bridge.

Two lanes will be for southbound highway traffic and three for northbound traffic, and there will be a footway on the eastern side. Two of the northbound lanes will be for vehicles heading towards the centre of Tweed Heads, while the left-hand lane will be for traffic proceeding into Kennedy Drive. Drivers travelling south from Tweed Heads who wish to enter Kennedy Drive will pass under the northern span of the new structure without any disruption to bridge traffic.

The new bridge and associated roadworks are expected to be completed by the end of 1985 at a cost of more than \$4.5 million. These highway improvements will cater for the large percentage of local journeys undertaken in this area and will complement the forthcoming construction of the 6 km long Tweed Heads By-pass from Sextons Hill to the Queensland border, on which preliminary work was carried out during the year. The by-pass will divert through traffic away from the busy holiday, shopping and

commercial centres of Tweed Heads and Coolangatta and will provide easier access for motorists travelling directly between northern New South Wales and the Gold Coast - Brisbane region.

## Oxley Highway

### State Highway No. 11

Commencing at Nevertire on the Mitchell Highway, the Oxley Highway runs north-eastwards to Tamworth on the New England Highway. It recommences at Bendemeer and proceeds south-easterly via Walcha to the coast at Port Macquarie.

Works have been in progress during the year to improve surface and alignment on various sections of the Oxley Highway, and three new bridges were completed (two by contract and one by the Department's own forces).

The first of these is a five-span, 76 m long concrete plank bridge over Ewenmar Creek just east of Warren, replacing an old timber beam bridge. The second is at Warren where a single-lane timber truss bridge has been replaced with a new two-lane, 64 m long structure.

The third of these new bridges is over Sarahs Creek, west of Port Macquarie, and is 49 m long with two spans, providing two traffic lanes.

## Gwydir Highway

### State Highway No. 12

Commencing from the Pacific Highway at South Grafton, the Gwydir Highway proceeds to Glen Innes, then westerly through Inverell and Moree to Collarenebri.

The Department and various Shire Councils undertook improvements on sections totalling 34 km of the Gwydir Highway during 1982-83.

At 69 km west of Moree, a five-span, 60 m long concrete plank bridge over Goonal Creek was opened to traffic, replacing an old timber bridge.

A major bridge construction project was completed at Inverell where a seven-span timber beam bridge was replaced by a four-span, 148 m long concrete box girder crossing of the MacIntyre River. The new bridge was opened on 14 March 1983 by the Hon. Rex Jackson, then Minister for Roads.

## Sturt Highway

### State Highway No. 14

The Sturt Highway leaves the Hume Highway near Tarcutta and follows the courses of the Murrumbidgee and Murray Rivers, through Wagga Wagga, Hay and Balranald to the Victorian Border at Mildura Bridge.

Among 29 km of improvement works to the Highway during 1982-83 was the widening of the bridge over Tarcutta Creek, 39 km east of Wagga Wagga, and the reconstruction of its approaches.

From 13 km west of Wagga, reconstruction and surfacing work were completed for more than 3 km westwards at a cost of \$1.7 million, including the approaches to the widened bridge over Sandy Creek.



Preliminary work was carried out on the approaches to new bridges being built over the Murray River and its flood plain at Mildura. These are part of a \$10 million ABRD funded project to replace six narrow timber bridges, that is, the main structure and four approach bridges in New South Wales and one in Victoria.

On the New South Wales side, a \$1.1 million contract has been let for the building of the three approach bridges (36 m, 126 m and 86 m long). In March 1983, a \$3.6 million contract was let for a nine-span 331 m long, two lane, concrete bridge, with a pedestrian footway on the downstream side, to replace the existing 250 m long timber structure, which was built in 1927 and features a steel vertical lift span.

This project is a further example of the continuing co-operation between the Department and the Road Construction Authority (previously the Country Roads Board) of Victoria in providing better bridging across our border waterway - the Murray River.

## **Bruxner Highway**

### **State Highway No. 16**

This, the State's northernmost east-west highway, extends from the Pacific Highway near Ballina, via Lismore and Tenterfield, to the Queensland border near Goondiwindi.

As part of a program of ongoing improvements to the Bruxner Highway, the Department commenced construction, by contract, of three new bridges west of Tenterfield. Two of these, 30 m and 18 m long, are over the Dumaresq River overflow channel, and will replace box culverts washed away in heavy flooding. The third, a six-span, 61 m long bridge over the Beardy River, will replace an old timber structure.

Work is continuing on the extensive 48 km deviation of the Highway from Yetman west towards Boggabilla.

The deviation was opened to traffic on 22 December 1982, allowing motorists to avoid the previous flood-prone route adjacent to the south bank of the MacIntyre River. Approximately 21 km of the new road have now been sealed and further pavement works are in progress along the remainder of the deviation.

This \$6.25 million undertaking has been underway intermittently for 11 years, involving three shire councils (Inverell, Yallaro and Moree Plains), using funds administered by the Department. Ongoing surfacing and bridgeworks will bring further roaduser benefits in the future.

## **Newell Highway**

### **State Highway No. 17**

The State's main north-south inland route, the Newell Highway runs from Tocomwal on the Victorian border to Boggabilla on the Queensland border, via Parkes, Dubbo and Moree.

Bearing in mind this Highway's high volumes of interstate traffic including a large proportion of heavy vehicles, the Department is upgrading driving conditions at many key points along the route.

At the southern end, a major project completed during the year was the construction of three bridges over the Murrumbidgee River and adjacent waterways at Narrandera. The three bridges, with lengths of 66 m, 109 m and 45 m, together with associated works to raise the level of the roadway, cost about \$3.25 million. They now provide a flood-free access to Narrandera from the south and, in particular, have replaced a narrow timber truss bridge built about 1890 across the main channel.

The bridges were opened to traffic by the then Minister for Roads, the Hon. Rex Jackson, M.P., at a special ceremony on 18 February 1983.

North of Parkes, widening work was completed on two, two-lane bridges, over Fiddlers Creek and over Mountain Creek. In each case the carriageway of the bridge has been increased from a width of 6.1 m to 11.9 m.

Another large undertaking is proceeding just north of Narrabri, where a 3.5 km flood-free deviation is being built between Doctors Creek and Mulgate Creek. Known as the Mulgate Deviation, the new route will eliminate a railway level crossing by including a new bridge over the Moree-Werris Creek railway line. The deviation is due for completion in 1984 at a cost of almost \$4 million.

## **Castlereagh Highway**

### **State Highway No. 18**

The Castlereagh Highway extends north from the Newell and Oxley Highways at Gilgandra and passes through Coonamble and Walgett to the Queensland border near Hebel.

At Armatree, north of Gilgandra, a 13-span, 195 m long, prestressed concrete plank bridge over the Castlereagh River was completed during the year. The new two-lane bridge, replacing a one-lane, low-level timber beam structure, was officially opened to traffic on 17 November 1982 by the then Minister for Roads, the Hon. Paul Whelan. This bridge and associated roadworks cost in the region of \$1.5 million.

Further north, at and near Coonamble, reconstruction and widening of the Highway are continuing with one 6 km length completed and a further 1 km section commenced.

## **Monaro Highway**

### **State Highway No. 19**

Commencing at Canberra, the Monaro Highway extends southwards via Cooma and Bombala to the Victorian border near Mt Bonang (Victoria).

Work has been continuing, over the last few years, on reconstruction of 10.6 km of the Highway from the border of the

Australian Capital Territory south to Lenahes Creek. A 1.5 km length was opened to traffic in 1981 and another section, approximately 3.4 km long, was completed during 1982-83.

A tender was let for earthworks and drainage on the remaining 5.7 km section. Funding of this work - estimated to cost about \$2 million - will be provided under the Bicentennial roads program (see page 29).

## **Cobb Highway**

### **State Highway No. 21**

The Cobb Highway runs from Wilcannia on the Barrier Highway, south through Ivanhoe and Deniliquin to the Victorian border near Echuca (Victoria).

Among various improvements made to the Cobb Highway during the year, the Department completed reconstruction of a 2 km section south of Deniliquin. This work eliminated a narrow, dangerously curved length of road with a poor surface.

Work began on the construction of a new four-span, 42 m long bridge over the Lachlan River at Booligal, north of Hay. Associated roadworks were also commenced.

South of Ivanhoe, a 10 km length of the Highway is being progressively reconstructed, with an expected final cost of almost \$3 million. About 4 km have now been sealed and opened to traffic.

## **Illawarra Highway**

### **State Highway No. 25**

This short highway provides an important link between the Hume Highway near Sutton Forest and the Princes Highway north of Albion Park.

An Australian Bicentennial Road Development project (see page 29) which commenced in 1982-83 was the construction of a two-span, 36 m long prestressed concrete plank bridge over Medway Rivulet at Sutton Forest. The new bridge and associated roadworks will improve the alignment of this section of Highway, and will



# Improving the Road System

replace a steel girder bridge on the old alignment. Expected date of completion is in early 1984.

Reconstruction of a length of the Highway within Moss Vale (Argyle Street between Robertson Road and North Street) was virtually completed during the year.

## Mudgee Road

Trunk Road No. 55

Improvement of the Boulder Road Junction, 21 km north of Lithgow, was undertaken by the Electricity Commission of New South Wales to provide for increased traffic engendered by the new power station at Mt Piper.

Also during the year, reconstruction and widening of the section over Invincible Hill, 21.5 to 24.2 km north of Lithgow, was commenced. This work is expected to cost \$2 million and will provide climbing lanes for the many heavy vehicles using Mudgee Road.

A few kilometres further north, development of the Baal Bone Colliery is underway, including the construction (by the developer) of a new road junction to provide for increased traffic.

## Mt Ousley Road

Trunk Road No. 95

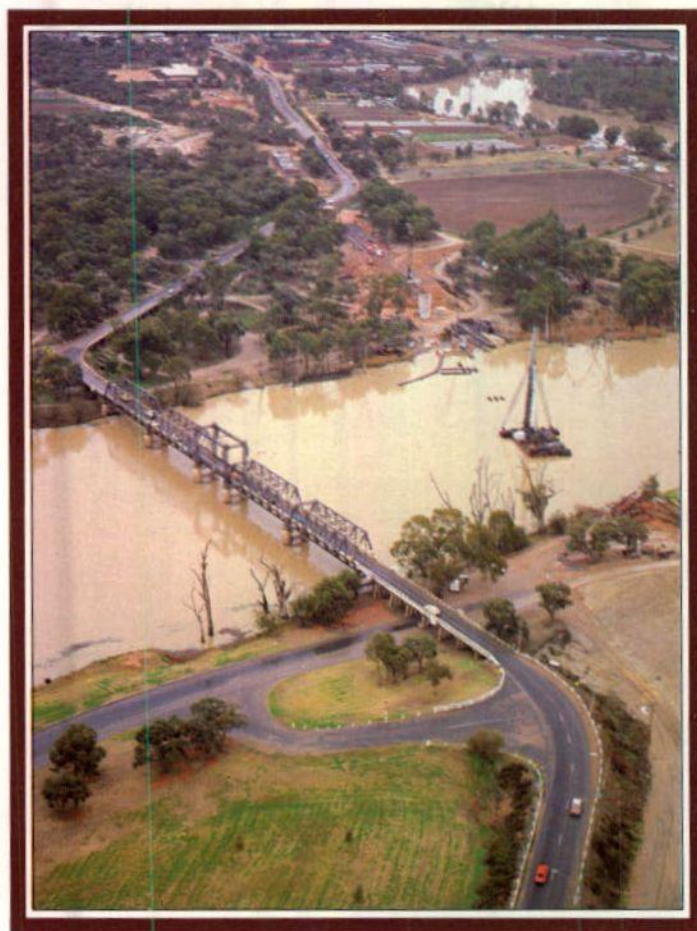
On this important route serving the industrial areas of Wollongong, work has been completed on the reconstruction and provision of a deviation at 'The Cuttings', 15.9 to 17.3 km west of Wollongong. The final cost was approximately \$2.75 million.

A further \$1.2 million is expected to be spent on rehabilitation of the section 26.8 to 29.8 km from Wollongong.

## Putty Road

Main Road No. 503

Widening was commenced to provide a climbing lane between 33.4 and 35.1 km north of Windsor. Strengthening and widening are also being carried



*On the Sturt Highway, a major Bicentennial road project to construct six replacement bridges over the Murray River and flood plain is now underway at Mildura on the Victorian border.*

out between 49.5 and 54 km north of Windsor.

Three bridges on the Putty Road were completed during 1982-83, and two of these were opened to traffic. The first, a four-span, 48 m long crossing of Bulga Creek, 27 km south of Singleton, replaces a narrow timber bridge. The second is a six-span, 133 m long concrete girder bridge over Parsons Creek, 25 km south of Singleton. This also is a replacement of an old timber structure.

At John Street, in Singleton, construction has been completed of a three-span, 51 m long bridge, providing two traffic lanes and one footway over the Main Northern Railway Line. When the approaches are completed and the new bridge is opened to traffic, it will eliminate a railway level crossing.

## Additional Bridgeworks

Other significant bridge constructions completed and

opened to traffic during 1982-83 include the following.

- A six-span, 127 m long bridge with two traffic lanes and two footways over the Wollondilly River at Kenmore, near Goulburn, on Taralga Road (Main Road No. 256).
- A five-span, 101 m long bridge replacing a timber beam and truss bridge over the Karuah River, 22 km north of Dungog on the Stroud-Dungog Road (Main Road No. 289).
- A five-span, 96 m long bridge over Thule Creek, 80 km west of Moama on the Moama-Barham Road (Main Road No. 341).
- A nine-span, 141 m long bridge to replace a narrow timber structure over Crooked River at Gerroa on the road to Gerringong (Main Road No. 571).

In addition, pedestrian bridges were completed over the Moore-Oxley By-pass at Campbelltown, and over Lake Entrance Road, Shellharbour.

## Australian Bicentennial Road Development Program

A major event of the past year was the announcement of the Commonwealth Government's Australian Bicentennial Road Development (ABRD) program. The necessary legislation was enacted in December 1982.

Nationally, the program will make available an estimated \$2,500 million for road construction, over the next five years. These funds will be in addition to Commonwealth grants provided under the National Roads Grants Act. The money comes from a trust fund established to control the additional 2c per litre fuel tax imposed by the Commonwealth Government. (See 'Finance', page 39.)

The program provides a welcome supplement to the Department's road funds, but does no more than restore the level of financial contributions by the Commonwealth Government that applied some years ago.

The program defines four categories of roadworks for which funding is separately specified and is not generally transferable:

- National Roads
- Urban Arterial Roads
- Rural Arterial Roads
- Local Roads

All construction, except on Local Roads, must be carried out by contract.

During the first half of 1983, work began on 20 out of 40 projects for New South Wales, approved by the Commonwealth Minister for Transport (see Table 5). On all but one of the remaining 20 projects, preparatory work is nearing completion and tenders are expected to be called early in 1983-84. One project is yet to



# Improving the Road System

**Table 5. ABRD Roadworks Commenced, 1982-83**

<b>National Roads</b>	
Hume Highway	— Cherry Tree Hill to Black Bobs Creek
Hume Highway	— Two Mile Creek to Dunderallego Creek
Hume Highway	— Tumblong Deviation, Section 2
Hume Highway	— Deviation at Kyeamba Gap
Pacific Highway	— Freeway connection at Doyalson
Pacific Highway	— Elizabeth Bay Road to Kanangra Drive at Munmorah
Pacific Highway	— Deviation at Kariong
Sydney-Newcastle Freeway	— Mooney Mooney Creek Bridge and southern approach
Sydney-Newcastle Freeway	— Wyong Bypass — concrete pavement
New England Highway	— Concrete pavement in Scone
New England Highway	— Bridges at Bendemeer and Perrys Pond
<b>Urban Arterial Roads</b>	
Princes Highway	— Duplication of Tom Uglys Bridge
Princes Highway	— Grade separation at North Wollongong
Pacific Highway	— Duplication of Hexham Bridge
<b>Rural Arterial Roads</b>	
Illawarra Highway	— Bridge over Medway Rivulet
Pacific Highway	— Completion of bridge over Stewarts River
Bruxner Highway	— Three bridges over Beardy and Dumaresq Rivers
Mid Western Highway	— Bridge over Lachlan River at Cowra
Sturt Highway	— Four bridges over the Murray River and flood plain at Mildura
Monaro Highway	— Reconstruction of 4 km of road south of Australian Capital Territory

**Table 6. ABRD Roadworks Proposed for 1983-84**

<b>National Roads</b>	
Federal Highway	— Collector Bypass. Awaiting final approval
New England Highway	— Bridge over Hunter River at Singleton
New England Highway	— Maitland Inner City Bypass
Sydney-Newcastle Freeway	— Mooney Mooney Bridge to Kariong
Sydney-Newcastle Freeway	— Kariong to Somersby
Sydney-Newcastle Freeway	— Wallarah Creek to Wyee
Sydney-Newcastle Freeway	— Wyee to Morisset
<b>Urban Arterial Roads</b>	
Pacific Highway	— Grade separation at Ryde Road, Pymble
Western Freeway	— Viaduct at Granville
South Western Freeway	— Approaches to Georges River Bridge, Casula
Great Western Highway	— Widening and strengthening Prospect Deviation
Betts Road	— Widening to four lanes, Merrylands
Orange Grove Road	— Widening to four lanes, Liverpool
Parramatta Bypass	— Harris Road to Great Western Highway
Old Windsor Road	— Johnstons Bridge to Pyes Crossing
<b>Rural Arterial Roads</b>	
Illawarra Highway	— Approaches to bridge over Medway Rivulet
Pacific Highway	— Approaches to bridge over Stewarts River
Pacific Highway	— Chatsworth Deviation
Pacific Highway	— Wedding Bells Deviation, north of Woolgoolga
Barrier Highway	— Approaches to six bridges over Talyawalka Flood Plains

receive final approval. These works are shown in Table 6.

In 1982-83 the Department spent \$28.2 million on ABRD projects on National and Arterial Roads. Next year, expenditure on ABRD projects is expected to be \$64.4 million for National Roads, \$47.2 million for Arterial Roads and \$14.4 million for Local Roads.

As well as the obvious goal of improving Australia's roads, and effectively marking the Bicentennial, the ABRD program is providing jobs and giving a much-needed boost to local manufacturers and suppliers of equipment, goods and materials.

## Bridge Statistics

During 1982-83, the number of bridges on the classified road network in New South Wales rose from 6,094 at 1 July 1982 to 6,176 at 30 June 1983. Their total length amounted to approximately 218 km.

The number of bridgeworks undertaken during the year was 233. This figure comprised 94 structures completed and opened to traffic (including a number completed but not opened during the previous financial year); 43 completed but not opened to traffic (pending completion of roadworks); and 96 works in progress.

Table 7 shows the year's bridgeworks compared to the previous year's, analysed according to road classification and stage of work.

## Bridgeworks Completed and Opened

Of the 94 works completed and opened to traffic in 1982-83, 65 were conventional bridges, 14 were bridge-size box culverts (with a waterway width of six metres or more), and one was a pedestrian bridge. Fourteen existing bridges were widened, two for the addition of extra lanes.



# Improving the Road System

Of the 79 bridges and culverts constructed, 30 replaced existing obsolescent structures, while 49 were built where no structures previously existed.

The total length of these 94 bridgeworks was more than 5 km, with a total lane length of 11 km. As to type of structure, 18 were of steel and concrete; 28 were of reinforced concrete; and 48 were of prestressed and reinforced concrete.

## Bridgeworks Completed but Not Opened

Those 43 bridgeworks completed but not made available to traffic consisted of 33 bridges, four bridge-size box culverts, two tunnels, and four widenings (two for extra lanes).

## Bridgeworks In Progress

The 96 works still in progress at the end of the financial year comprised 88 bridges, two bridge-size box culverts, two widenings for no extra lanes, three extensions/widenings and one modification.

Principal bridge construction projects have been described under the appropriate 'route' headings in the preceding pages of improvements to the road system. Full details of all bridgeworks undertaken during 1982-83 will be published in the separate *Supplement to the Annual Report, 1982-83* at a later date.

## Ferries

The Department is financially involved in ten vehicular ferry services, as shown in Table 8.

No ferries were eliminated from the Main Roads System during the year. However, work commenced on the construction of a new bridge over the Hastings River, 2 km east of Wauchope, which will replace the Rocks Ferry.

**Table 7. Bridgeworks on Classified Roads, 1981-82 and 1982-83**

Road Classification	Completed and Opened to Traffic		Completed, But Not Yet Opened to Traffic		In Progress		Totals	
	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83
Freeways	8	18	30	18	24	23	62	59
State Highways	31	45	33	18	27	41	91	104
Trunk Roads	11	10	5	3	9	11	25	24
Main Roads	25	19	3	3	27	17	55	39
Secondary Roads	—	—	—	—	1	—	1	—
Tourist Roads	—	—	—	—	—	—	—	—
County Roads	2	—	—	—	1	—	3	—
Developmental and Unclassified Roads	3	2	—	1	2	4	5	7
Totals	80	94	71	43	91	96	242	233

**Table 8. Vehicular Ferries with Departmental Involvement**

Ferry	Route	Operated by	Divisional Office/Shire Council
Mortlake (Parramatta River)	Mortlake to Ryde South (Unclassified Road)	Department	Parramatta D.O.
Coraki (Richmond River)	Woodburn to Casino (Main Road No. 149)	Department	Grafton D.O.
Ulmarra (Clarence River)	Local route, Ulmarra to Grafton (Unclassified Road)	Departmental Contract	Grafton D.O.
Wymah (Murray River)	Across Victorian State Border (Main Road No. 369)	Departmental Contract (jointly with Victorian Road Construction Authority)	Wagga Wagga D.O.
Speewa (Murray River)	Across Victorian State Border (Unclassified Road)	Departmental Contract (jointly with Victorian Road Construction Authority)	Deniliquin D.O.
Bluff Point (Clarence River)	Grafton to Yamba (Main Road No. 152)	Council Contract	Maclean S.C.
Berowra (Berowra Waters)	Berowra to Galston (Main Road No. 332)	Council Contract	Hornsby S.C.
Webbs Creek (Hawkesbury River)	Windsor to Singleton (Main Road No. 181)	Council Contract	Hawkesbury S.C.
Sackville (Hawkesbury River)	Windsor to Wisemans Ferry (Main Road No. 182)	Council Contract	Hawkesbury S.C.
Wisemans Ferry (Hawkesbury River)	Wisemans Ferry to Gosford (Main Road No. 225)	Council Contract	Hawkesbury S.C.



# Improving the Road System

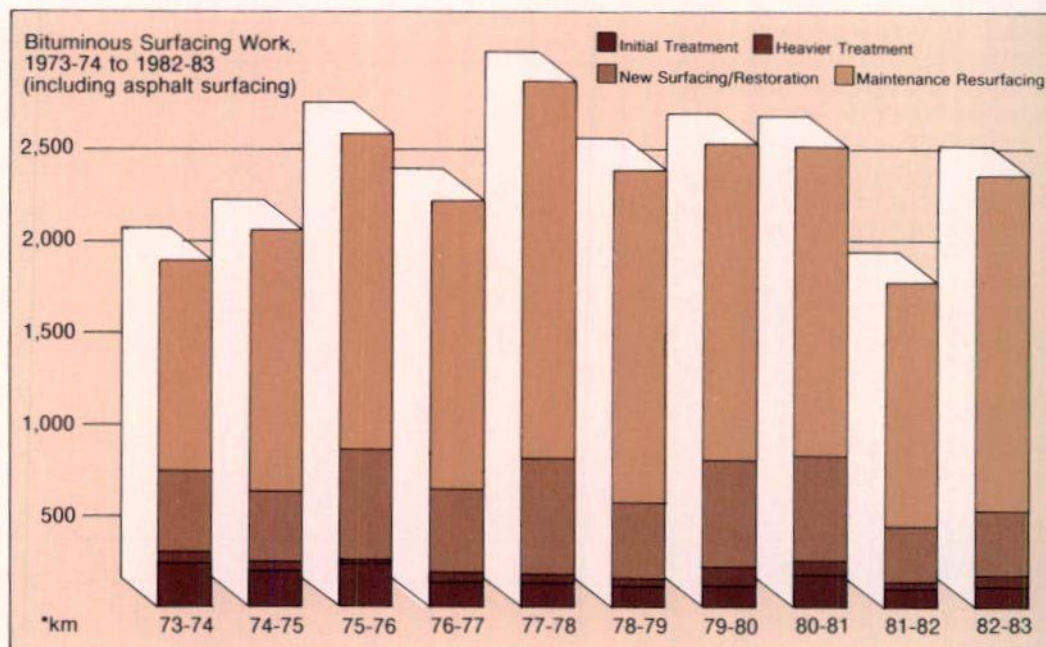
## Surfacing

### Bituminous Surfacing

The lengths of roads surfaced with asphaltic concrete or bitumen during 1982-83 (compared with 1981-82) are shown in Table 9. Most of this work involved maintenance resurfacing, the remainder being surfacing following construction, or of previously unsealed road.

The total road length surfaced was 2 254 km and this comprised 4 685 lane km, which is the equivalent of 2 343 km of normal two-lane road.

The Department was the constructing authority for 855 km (1 820 lane km) of surfacing, of which 29 km (71 lane km) were surfaced by contract.



\*Lengths of multi-lane road and dual carriageway expressed as equivalent lengths of two-lane road.

Table 9. Road Lengths Surfaced, 1981-82 and 1982-83

Classification	1981-82 km	1982-83 km
Freeway	2	3
State Highway	682	829
Trunk Road	324	403
Main Road	658	984
Secondary Road	11	14
Tourist Road	5	13
Developmental Road	—	6
Unclassified Road	5	2
Totals	1 687	2 254

Councils arranged for 1 399 km (2 865 lane km) of surfacing, including 1 167 km (2 385 lane km) by contract.

The majority of pavements constructed and maintained by the Department are surfaced with sprayed bituminous seals. The use of asphalt for surfacing continues to decline as costs of production and labour rise.

In order of wearing quality (asphalt being the most durable), the types of surface and road lengths laid during the last two years were as shown in Table 10.

Table 10. Types of Surfacing, 1981-82 and 1982-83

	1981-82 km	1982-83 km
Asphalt surfacing	104	102
Sprayed seal	1 497	2 004
Bitumen enrichment	38	101
Primer seal	48	44
Prime	0	3
Totals	1 687	2 254

Table 11 compares 1981-82 and 1982-83 surfacing lengths in the four main categories of work, while the bar chart 'Bituminous Surfacing

Table 11. Types of Bituminous Surfacing Work and Lengths, 1981-82 and 1982-83

Type of Work	Road length		Lane length		Equivalent two-lane road length	
	81-82 km	82-83 km	81-82 km	82-83 km	81-82 km	82-83 km
1. Initial treatment — of previously unsealed road.	101	120	207	241	104	120
2. Heavier treatment — of primed or primer-sealed road.	37	57	76	117	38	57
3. New surface/restoration — following construction/reconstruction.	248	309	579	691	289	340
4. Maintenance resurfacing.	1 301	1 768	2 674	3 636	1 337	1 811
Totals	1 687	2 254	3 536	4 685	1 768	2 341



# Improving the Road System

Work, 1973-74 to 1982-83<sup>1</sup> shows hose lengths expressed as normal two-lane road surfaced over the last 10 years.

## Asphaltic Concrete Production

During the year 325 078 tonnes of asphalt were spread, a reduction of 5% from the previous year, and of 39% from the 1979-80 peak usage of 532 712 tonnes. This reflects the increasing use of Portland Cement concrete pavement. Production and supply of asphaltic concrete in 1981-82 and 1982-83 are detailed in Table 12.

The Department's Central Asphalt Depot at Granville continued to supply asphalt for roadworks within a 100 km radius, and the smaller Bellambi Asphalt Plant supplied the Illawarra region.

Recycling equipment is being installed which will treat reclaimed asphalt pavement material for re-use in asphaltic mixtures. This will conserve resources of good quality aggregates, and of bitumen, with significant cost savings.

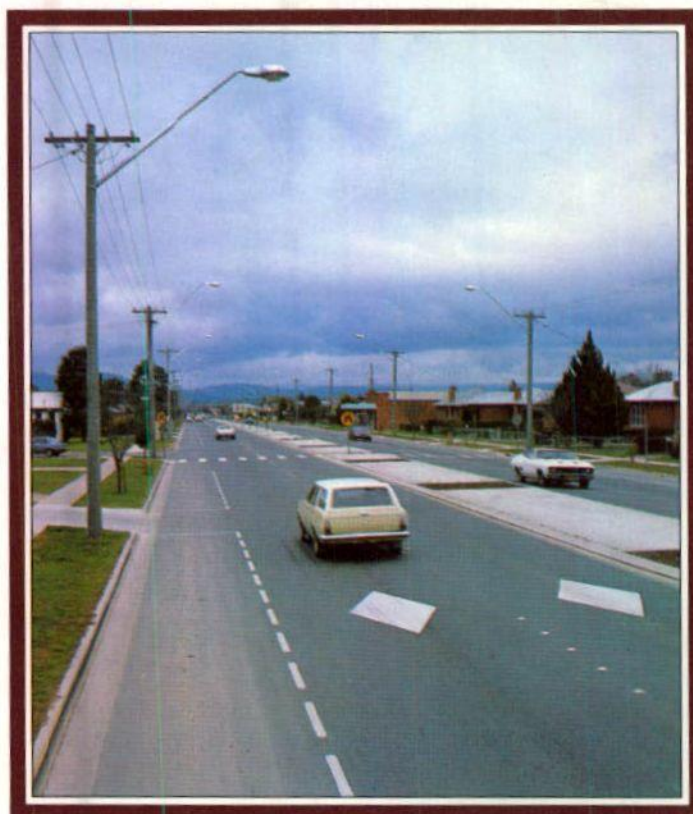
## Bitumen

The Department operates 10 bitumen surfacing units throughout the State, with capacities of 8 500 litres or 5 500 tonnes. Nine smaller sprayers work on priming, sealing and patching in country Divisions. Contractors supplement the Department's forces when necessary.

Quantities of bitumen used in 1981-82 and 1982-83 are detailed in Table 13.

## Rubber bitumen seals

The use of rubber bitumen seals to extend the service life of minimally cracked pavements has proved to be cost effective and is now standard practice. The material is generally prepared by dissolving scrap crumbed rubber in bitumen. The growth of this work over the last five years is indicated in Table 14.



*A new asphaltic concrete surface has been completed on this section of the Hume Highway (Mate Street) at Albury on the Victorian border.*

**Table 14. Use of Rubber Bitumen**

Year	Rubber Bitumen Sprayed litres
1978-79	25 238
1979-80	156 123
1980-81	839 570
1981-82	738 890
1982-83	2 335 660

**Table 12. Asphalt Production and Supply, 1981-82 and 1982-83**

	1981-82	1982-83	Increase/ decrease
	tonnes	tonnes	%
<b>Central Asphalt Depot</b>			
(400 tonnes-per-hour batch plant)	274 280	239 804	-13
<b>Bellambi Asphalt Unit</b>			
(25 tonnes-per-hour batch plant)	18 501	23 578	+27
<b>Contract Asphalt Works</b>			
Asphalt supplied (Sydney)	7 293	10 772	+47
Asphalt supplied (other)	43 298	50 924	+18
<b>Totals</b>	<b>343 372</b>	<b>325 078</b>	<b>-5</b>

**Table 13. Bitumen Used, 1981-82 and 1982-83**

	1981-82	1982-83	Increase/ decrease
	litres	litres	%
<b>Sprayed</b>			
by Department	8 820 975	11 814 509	+34
by Contractors	* 1 375 140	1 545 492	+12
Sub-totals	10 196 115	13 360 001	+31
<b>Used in asphaltic concrete manufacture</b>	18 200 000	17 230 000	-5
<b>Totals</b>	<b>28 396 115</b>	<b>30 590 002</b>	<b>+8</b>

\* This figure was wrongly reported in the Department's 1981-82 Annual Report.



## Concrete Surfacing

Portland Cement concrete road pavement is not a new development. Old concrete roads built in the Depression years of the 1920s and 1930s can still be seen in many parts of New South Wales. However, the recent resurgence in concrete surfacing dates from the 1973 oil crisis. Spiralling rises in the cost of bitumen and asphaltic concrete, combined with new developments in concrete pavement design and improved techniques in concrete surfacing methods, have stimulated fresh interest in this material.

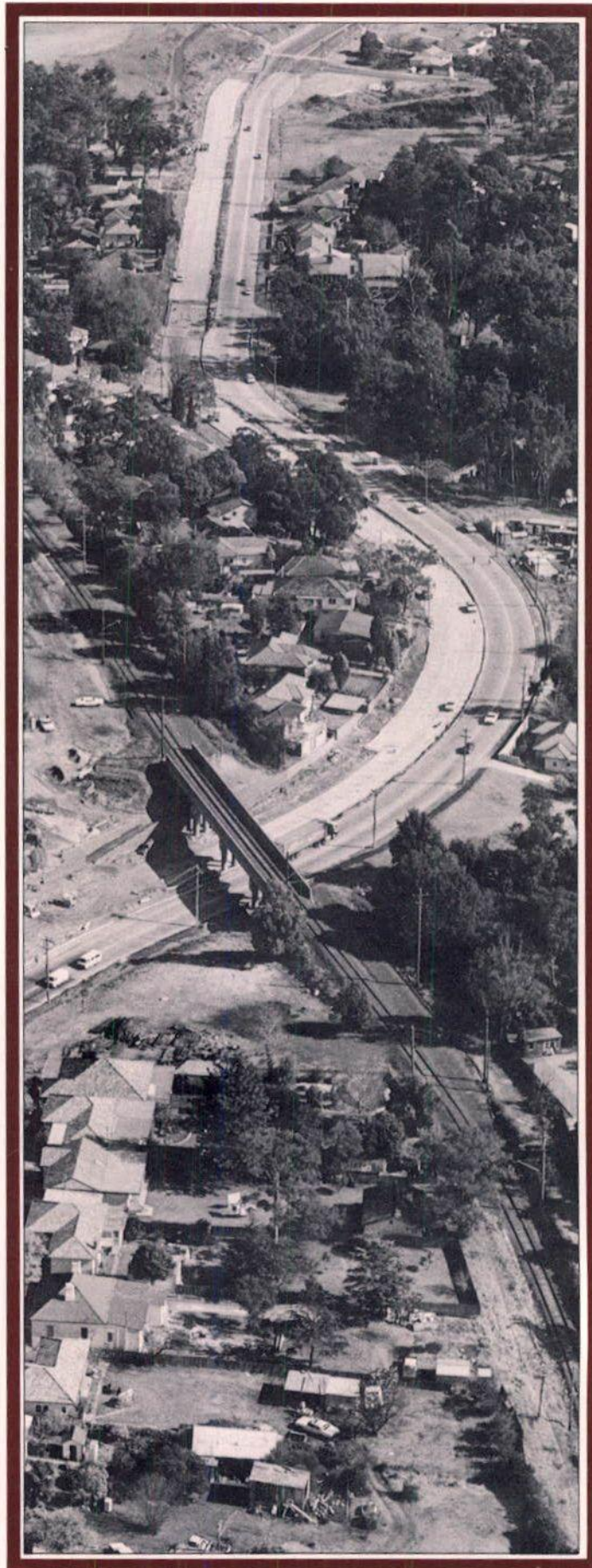
The past year has seen a considerable upsurge in concrete pavement construction, highlighted by the opening of the two new sections of the F4 - Western Freeway (see page 17). With the exception of some bridges and ramps, the surface of these two lengths is concrete.

The type chosen was continuously reinforced concrete pavement (CRCP), which is currently preferred for heavily trafficked city freeways.

Continuous reinforcing provides a very durable road surface and eliminates the regular transverse joints with the associated thudding characteristic of older concrete roads. The absence of jointing also minimises future maintenance requirements and consequent disruption to traffic.

Another length of the F4 - Western Freeway (between Auburn and Granville), due for completion in 1984, will also be surfaced with continuously reinforced concrete pavement.

An alternative type of concrete surface now gaining favour is unreinforced concrete pavement (UCP). This method does away with the need for reinforcing steel by inducing closely spaced joints at about 4 metre intervals. This is cheaper than reinforced concrete and lends itself to rapid construction.



Two major rural unreinforced concrete pavement projects currently underway are an 8 km section of the F3 - Sydney-Newcastle Freeway, north of Wyong River; and 11 km on the Tumblong Deviation of the Hume Highway, south of Gundagai. At Tumblong, more than 1 500 cubic metres (3 500 tonnes) were placed in a single day on several occasions, exceeding all previous concrete paving records in this country.

Concrete surfacing is now a common construction technique on urban roads in the Sydney area and also in country towns such as East Maitland, South Grafton, Nambucca Heads, Taree and Scone. Further projects either currently under construction or being planned in the Newcastle area include the Pacific Highway at Cains Hill, south of Charlestown; the deviation of the New England Highway at Maitland; and the approaches to the new bridge over the Hunter River at Hexham.

*An aerial view of concrete pavement construction in progress on Kissing Point Road, Dundas.*



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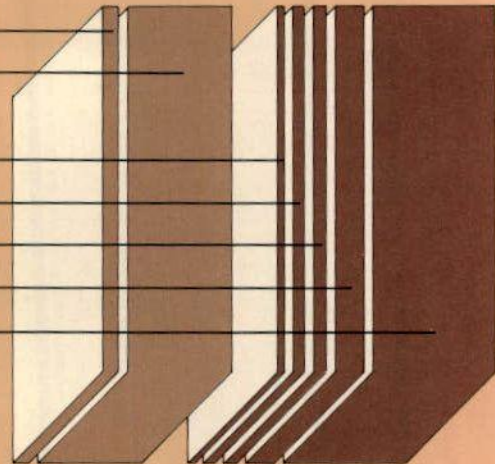
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## Year in Brief

### Source of Funds \$M

ABRD Programme	34
Road Grants Act	230
Tolls	11
Other	21
Diesel Fuel Levy	30
Loans	60
Motor Vehicle Taxes	274
<b>Total Receipts</b>	<b>660</b>

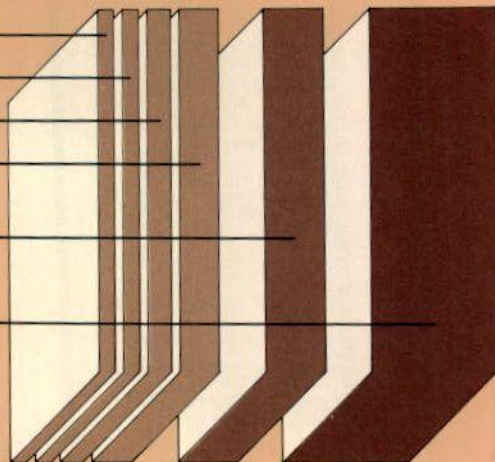
Commonwealth	\$264M
State	\$396M



### Funds Applied to \$M

Administration	32
Traffic Facilities	39
Council Local Roads	50
Loan Charges	85
Maintenance	135
Construction	303
<b>Total Payments</b>	<b>644</b>

Maintenance	\$135M
Construction	\$303M





# Statement of Receipts and Payments

County of  
Cumberland  
Fund  
\$

## Receipts

### State Sources

Motor vehicle registration weight and tax levy	(Note 10)	66,135,549
Motor vehicle registration fee — allocation from the Road Transport and Traffic Fund	(Note 10)	
Diesel fuel levy	(Note 9)	20,208,565
Loans — State loan allocation	(Note 12)	
— raised by the Commissioner under semi-government loan allocation	(Note 12)	24,800,000
— from Department's reserve for loan repayments	(Note 12)	
Leveraged lease finance	(Note 2)	
Road tolls (less collection costs)	(Note 6)	6,102,727
Interest — on sinking fund investments		5,045,369
— on Treasury fund balances		338,112
Contributions for specified works — from other departments		76,024
— from other sources		324,281
Rents from properties acquired for works (less collection and maintenance costs)		2,940,676
Miscellaneous		749,993
<b>Total State Sources</b>		<b>126,721,296</b>

### Commonwealth Grants

Roads Grants Act, 1981 — national roads	(Note 13(i))	
— arterial roads		33,455,832
— local roads		
Australian Bicentennial Road Development Trust Fund Act 1982 (ABRD)	(Note 13(ii))	3,700,000
Wage pause employment program	(Note 13(iii))	

### Total Commonwealth Grants

**37,155,832**

### Total Receipts

**163,877,128**

Cash at Treasury as at 1 July 1982		5,003,388
------------------------------------	--	-----------

### Total Funds Available

**168,880,516**

## Payments

State Road System — construction and reconstruction		70,488,953
— construction under ABRD Program		2,906,021
— property acquisitions (less proceeds of sales)	(Note 4)	13,739,159
— maintenance and minor improvements		26,570,922
Local Roads — construction and maintenance		
— natural disasters — restoration works		
Intersection improvements, traffic signals, signs and roadmarking		
— construction and reconstruction		
— maintenance and operations		
Land and buildings — for works operations		1,352,062
— for administration		60,316
Net transactions of operating and suspense accounts	(Note 3)	480,458Cr.
General administration		7,200,547
Research		2,135,086
Loan charges — repayable treasury advances — interest		577,392
— State loan allocation — interest and management expenses		9,468,110
— loans raised by the Commissioner — interest and management expenses		17,834,739

### Sub-Total

**151,852,849**

Loan repayments — repayable Treasury advances — principal	(Note 12)	299,870
— State loan allocation — sinking fund	(Note 12)	1,017,800
— loans raised by the Commissioner — principal	(Note 12)	2,451,704
Investments for loan repayments for loans raised by the Commissioner	(Note 12)	7,247,580

### Total Payments

**162,869,803**

Net transactions of trust accounts		125,461Cr.
Cash at Treasury as at 30 June 1983 — for general purposes	(Note 5)	2,334,119
— for trust accounts	(Note 5)	3,802,055

**168,880,516**

**B. N. Loder**  
COMMISSIONER FOR MAIN ROADS  
19 September 1983

**E. C. Cooper**  
CHIEF ACCOUNTANT  
19 September 1983



# Funds for the Year Ended 30 June 1983

Country Fund	Commonwealth Fund	Traffic Facilities (Note 1)	Sydney Harbour Bridge Accounts	Total 1982-83	Total 1981-82
\$	\$	\$	\$	\$	\$
172,525,150		27,100,000		265,760,699	226,445,993
		8,401,620		8,401,620	19,574,425
9,904,283				30,112,848	
					4,000,000
33,000,000				57,800,000	82,900,000
2,600,000				2,600,000	9,000,000
					7,800,000
		2,761,534	1,633,499	10,497,760	10,963,349
1,420,949			845,513	7,311,831	5,236,832
565,345			327,116	1,230,573	1,392,594
2,385,942		386,852	522,951	3,371,769	2,913,257
806,327		635,535		1,766,143	2,504,104
331,364			683,984	3,956,024	2,643,743
2,243,986				2,993,979	2,332,733
<b>225,783,346</b>		<b>39,285,541</b>	<b>4,013,063</b>	<b>395,803,246</b>	<b>377,707,030</b>
	108,841,119	2,147,881		110,989,000	103,566,000
35,654,168				69,110,000	64,503,000
	49,576,000			49,576,000	46,267,000
6,000,000	24,000,000			33,700,000	
842,625				842,625	
<b>42,496,793</b>	<b>182,417,119</b>	<b>2,147,881</b>		<b>264,217,625</b>	<b>214,336,000</b>
<b>268,280,139</b>	<b>182,417,119</b>	<b>41,433,422</b>	<b>4,013,063</b>	<b>660,020,871</b>	<b>592,043,030</b>
4,308,425	3,259,844		1,940,226	14,511,883	10,542,730
<b>272,588,564</b>	<b>185,676,963</b>	<b>41,433,422</b>	<b>5,953,289</b>	<b>674,532,754</b>	<b>602,585,760</b>
113,800,403	74,921,080			259,210,436	244,626,525
4,630,815	20,744,716			28,281,552	
3,507,441	6,030,321			23,276,921	37,872,929
91,903,073	12,952,052		2,183,693	133,609,740	118,472,553
645,569	49,669,373			50,314,942	46,934,158
					80,954
		8,566,390		8,566,390	8,588,889
		30,979,632		30,979,632	27,225,559
708,447				2,060,509	2,189,320
208,564				268,880	280,262
7,445,450Cr.		457,329Cr.		8,383,237Cr.	4,328,405
12,687,260	3,756,490	2,344,729	200,000	26,189,026	23,959,378
3,202,628				5,337,714	5,376,653
494,907				1,072,299	1,120,933
4,386,870			966,000	14,820,980	12,235,550
33,621,259			722,999	52,178,997	39,502,852
<b>262,351,786</b>	<b>168,074,032</b>	<b>41,433,422</b>	<b>4,072,692</b>	<b>627,784,781</b>	<b>572,794,920</b>
257,031				556,901	508,267
608,310			108,000	1,734,110	1,705,700
1,060,497			31,603	3,543,804	3,401,258
2,675,389			842,873	10,765,842	9,354,860
<b>266,953,013</b>	<b>168,074,032</b>	<b>41,433,422</b>	<b>5,055,168</b>	<b>644,385,438</b>	<b>587,765,005</b>
293,961				168,500	308,873
3,783,885	17,602,931		898,121	24,619,056	8,983,622
1,557,705				5,359,760	5,528,260
<b>272,588,564</b>	<b>185,676,963</b>	<b>41,433,422</b>	<b>5,953,289</b>	<b>674,532,754</b>	<b>602,585,760</b>

The accounts of the Department of Main Roads have been audited in accordance with the provisions of the Audit Act, 1902.

The Traffic Facilities Fund reflects only Department of Main Roads transactions through the Fund on behalf of the Traffic Authority of New South Wales.

In my opinion, the above statement and the accompanying summary of loan liabilities, read in conjunction with Notes 1 to 6, is a true and fair statement of transactions on the several Funds and Accounts and of the balances remaining at the close of the year.

J. O'Donnell

AUDITOR-GENERAL OF NEW SOUTH WALES, SYDNEY, 7 October 1983



## 1. Form of Accounts

The accounts have been prepared on a receipts and payments basis in accordance with present Governmental accounting conventions and do not include amounts owed to or by the Department of Main Roads at the close of the year. The statements of receipts and payments are therefore summaries of cash transactions during the year and do not distinguish between capital and revenue items nor include adjustments for accrued charges or prepayments. The results shown in the Receipts and Payments Statement for the year ended 30 June 1983 are not materially different from the position which would be revealed if accrual accounting were used (see Note 2 for further comment on accrued charges and prepayments).

There were no material changes in the method of classifying items of receipts and payments during 1982-83.

Balance sheets for the Sydney Harbour Bridge, Berowra to Calga Toll Work and Waterfall to Bulli Pass Toll Work reflect historical costs.

The statement of Receipts and Payments has been divided under five headings which represent the main divisions of the Department's activities.

- *County of Cumberland Main Roads Fund.* This fund covers the County of Cumberland area which is generally the Sydney Metropolitan Area bounded by the Hawkesbury River in the north, Bulli Pass in the south and the Blue Mountains in the west.

- *Country Fund.* This fund covers the rest of the State outside the County of Cumberland area.

- *Commonwealth Fund.* This fund is used to record expenditure of Commonwealth grants for National Roads (excluding funds transferred to the Traffic Facilities Fund) and Local Roads. Commonwealth funds for works on other classified Main Roads are recorded under the County of Cumberland and Country Main Roads Funds.

- *Traffic Facilities.* The receipts and payments shown under this heading relate to the activities of the Department on traffic facility works. These amounts are included in the receipts and payments statement in the Annual Report of the Traffic Authority of New South Wales.

- *Sydney Harbour Bridge Account.* This heading covers transactions for the maintenance of the bridge and the Cahill Expressway and Warringah Freeway approaches, toll collection and loan charges. Transactions relating to traffic facility work are included under the heading 'Traffic Facilities'.

## 2. Provision for Accrued Charges and Prepayments

The Department's accounts are kept on a cash basis and no adjustments are made in the financial statements for prepayments or accruals such as employees' long service and annual leave entitlements or retirement benefits. Part of the Department's contribution for officers' superannuation is paid progressively to the State Superannuation Board and the deferred contribution is paid after retirement.

These charges amount to about 2% of the Department's annual expenditure and can be provided each year from revenue without disrupting the normal flow of funds for works.

During 1981-82 the Department entered into a leveraged lease arrangement over plant and trucks for \$7.8 million and is liable for rental and expenses totalling \$13.493 million payable in eight annual instalments on 1 October each year.

The first rent payment of \$1.704 million is due on 1 October 1983 with seven subsequent annual payments of \$1.684 million. The Department is committed to a payment being the residual value of the equipment (18.85% of equipment cost) at the end of the lease term.

Under the lease agreement, the Department is to have no title in the equipment at the expiration of the term of the lease but does have an option of renewal of a

further term of eight years at a rental to be determined.

At 30 June 1983 outstanding sundry debtors for miscellaneous works and rents in arrears totalled \$3.258 million and \$0.179 million respectively while outstanding sundry creditors for stores and materials amounted to approximately \$4.980 million.

## 3. Operating and Suspense Accounts

So that the Department can provide up-to-date costs for individual works within the general framework of a receipts and payments accounting system, suspense or operating accounts have been established for selected areas of its operations.

All transactions for the purchase of stores and materials and their issues to individual works are processed through stock suspense accounts. Operating accounts are also maintained for the Department's Central Workshop at Granville, Central Asphalt Manufacturing Plant at Granville and Traffic Signal Workshop at Rhodes.

The costs of the purchase and operation of road plant and motor vehicles are processed through operating accounts and a hire charge made to works on which the items are used. During 1982-83, purchases of plant and motor vehicles totalled \$10,459,134 of which \$4,990,345 was provided from the internal hire system and \$5,468,789 from trade-in and auction of used plant and vehicles.

The net increase or decrease in the operating and suspense accounts is shown in the receipts and payments statement under the item 'Net Transactions of Operating and Suspense Accounts'.

## 4. Property Acquisitions

During the year the Department acquired properties for works amounting to \$28.43 million. This expenditure was partly offset by the sale of residue land or properties no longer required for works for \$4,836,698 in the County of Cumberland Fund and

for \$311,962 in the Country Fund. The net expenditure on acquisitions by the Department for 1982-83 was therefore \$23.28 million.

## 5. Cash Balances for General Purposes

The cash balances of \$2.34 million and \$3.78 million for County of Cumberland and Country Funds respectively consist of \$0.01 million Reserve for Loan Repayments; \$3.95 million General State funds which will be applied towards the 1983-84 program; and \$2.16 million for the Australian Bicentennial Road Development (ABRD) Urban and Rural Arterial Roads program.

The cash balance of \$17.60 million in the Commonwealth Fund, provided under the Roads Grants Act, is made up of \$12.49 million for National Roads and \$1.85 million for Local Roads; both of which are set aside for expenditure before 31 December 1983. It also includes \$3.26 million in respect of the ABRD National Roads programme which has been committed and will be expended in 1983-84.

The cash balance of \$0.90 million in the Sydney Harbour Bridge account is made up of \$0.01 million for Reserve for Loan Repayments and \$0.89 million set aside for traffic management improvement works on the Bridge.

Trust funds amounting to \$5.36 million at 30 June 1983 in the County of Cumberland and Country Funds consist mainly of group tax deduction and contract deposits.

## 6. Road Tolls

Tolls received in County of Cumberland but appropriated to tow truck services, driver aid and other traffic facilities are shown under the heading 'Traffic Facilities' in the Receipts and Payments Statement.

Gross toll receipts and collection costs are shown in the detailed statements for the Berowra to Calga and Waterfall to Bulli Pass Toll Works and the Sydney Harbour Bridge.



# Statement of Receipts and Payments

## 7. Payments to Councils

Payments made to Councils during 1982-83 were as follows:

	\$M
Classified Main Roads	
— Construction	48.734
Classified Main Roads	
— Maintenance	47.606
	96.340
Councils' Local Roads from Commonwealth Funds	46.392
Total Payments to Councils	142.732

## 8. Cost of Individual Projects

Details of costs of individual works are provided in a separate publication *Financial Appendices to the Annual Report of the Commissioner for Main Roads*.

## 9. Diesel Fuel Levy

The Business Franchise Licences (Petroleum Products) Act, 1982 introduced, from 1 August 1982, licence fees for the sale of diesel fuel used or capable of use in propelling a diesel engined road vehicle, and motor spirit.

The Act prescribes for a fee of 3.4% to be paid on the wholesale value of motor spirit and 14% on the wholesale value of diesel fuel. The wholesale values for this purpose are determined by the Treasurer.

The fee for diesel fuel was originally equivalent to five cents per litre but was subsequently reduced to the equivalent of 3.57 cents per litre from 1 October 1982. The fee for motor spirit has remained unchanged at the equivalent of three cents per litre.

The Government has indicated that all the revenue from the licence fees for diesel fuel would be allocated to roadworks and in 1982-83 the total amount of \$30.1 million received from this source was made available to the Department.

Revenue from the licence fees for the sale of motor spirit is

credited to the Consolidated Fund at the Treasury, New South Wales.

## 10. Motor Vehicle Taxation

### (i) Weight Tax and Tax Levy

Motor vehicle registration weight tax and tax levy are levied under the Motor Vehicles (Taxation) Act. These charges are collected by the Department of Motor Transport when vehicles are registered. The proceeds are paid firstly to a Treasury Statutory Trust Fund titled 'Main Roads Account (Main Roads Act, 1924)' and then distributed to the Department's County of Cumberland Main Roads Fund and Country Main Roads Fund in the following proportions in accordance with the terms of the Main Roads Act, 1924.

	County of Cumberland Main Roads Fund	Country Main Roads Fund
Weight Tax	20%	80%
Tax Levy	50%	50%

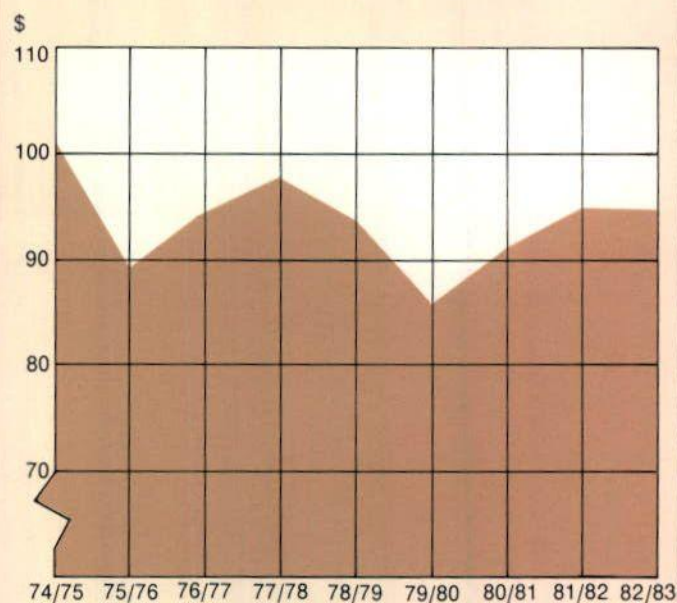
This apportionment results in about 28% of these taxes being available for the County of Cumberland Area and 72% for the Country Area.

In 1982-83, receipts from motor vehicle taxation paid into Main Roads Funds totalled \$265.8 million compared with \$226.4 million in the previous year.

The graph titled 'Average Receipts per Vehicle from Motor Vehicle Registration Tax' shows that the level of tax per vehicle in 1982-83 terms has fallen from \$101 in 1974-75 to \$94 in 1982-83. The reversal of the decline in 1975-76 and in 1979-80 was as a result of a 33½% increase in motor vehicle taxation rates from 1 November 1976 and 30% from 21 November 1980.

The level is now being maintained by annual adjustments of motor vehicle taxation rates to cover increases in the cost of roadworks. The formula used to determine the annual percentage adjustment is based on four relevant labour and material price indexes published by the Australian Statistician. The cost rises

Average Receipts per Vehicle from Motor Vehicle Registration Tax, Constant Dollar (1982-83) Terms



## Number of Registered Motor Vehicles in N.S.W.

Year	Number of Motor Vehicles Registered*	% Increase Over Previous Year	Index
1969-70	1,715,222	—	100.0
1970-71	1,821,185	6.2	106.2
1971-72	1,912,739	5.0	111.5
1972-73	2,009,238	5.1	117.2
1973-74	2,080,112	3.5	121.3
1974-75	2,186,187	5.1	127.5
1975-76	2,236,812	2.3	130.4
1976-77	2,296,203	2.7	133.9
1977-78	2,375,927	3.5	138.6
1978-79	2,476,544	4.2	144.4
1979-80	2,573,574	3.9	150.1
1980-81	2,676,911	4.0	156.1
1981-82	2,773,780	3.6	161.7
1982-83	2,825,441	1.9	164.8

\* Excluding plant, tractors, trailers and caravans.

determined by this formula since 1980 are as follows:

from 21.11.81	13.6%
from 1.7.82	11.8%
from 1.7.83	13.2%

### (ii) Driver's Licence Fee and Vehicle Registration Fee

Driver's licence fees (\$15) and vehicle registration fees (\$15) are paid into the Road Transport and Traffic Fund administered by

the Department of Motor Transport. The revenue from these fees is mainly used to meet administration costs of the Department of Motor Transport and Police services in supervising and controlling traffic.

Funds amounting to \$9.54 million were expended by this Department for traffic facility works during 1982-83.

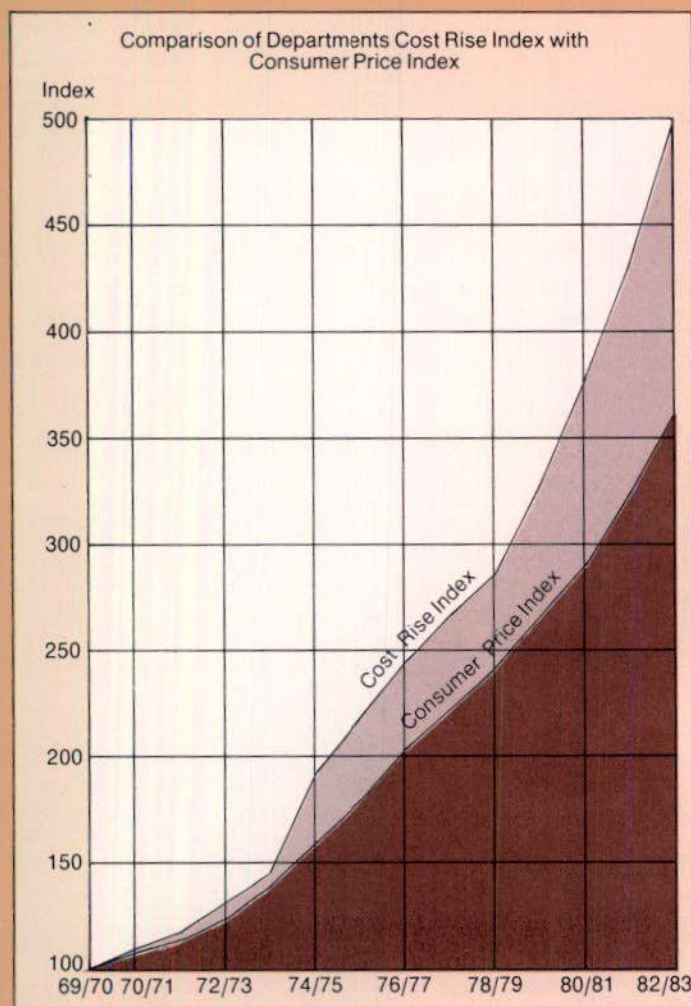


## Department of Main Roads Roadworks Cost Rise Index Comparison with Consumer Price Index for Sydney

(Base Year — 1969-70)

Year	DMR Cost Rise Index		Consumer Price Index	
	Index	% Increase Over Previous Year	Index	% Increase Over Previous Year
1969-70	100	—	100	—
1970-71	108.93	8.93	105.61	5.61
1971-72	117.10	7.50	114.20	8.13
1972-73	128.40	9.65	121.07	6.02
1973-74	146.22	13.88	136.80	12.99
1974-75	187.41	28.17	159.22	16.39
1975-76	216.87	15.72	179.92	13.00
1976-77	243.33	12.20	201.98	12.26
1977-78	264.43	8.67	219.88	8.86
1978-79	281.25	6.36	239.05	8.72
1979-80	323.18	14.91	264.37	10.59
1980-81	373.24	15.49	290.04	9.71
1981-82	426.69	14.32	319.62	10.20
1982-83	495.77	16.19(P)	357.97	12.00

(P) Preliminary Figure



## 11. Cost Rise Index

The Department's Cost Rise Index, which was used to adjust money values in a number of tables and graphs in the financial section and in the section dealing with Performance Indicators, is shown in the table 'Department of Main Roads Roadworks Cost Rise Index'.

The index, designed to reflect cost rises in the road industry, is one specially developed by the Department.

The index is based upon the changes in the prices of 52 samples within the broad elements of wages, materials, plant, haulage and miscellaneous charges. Each sample has been allocated a predetermined weighting which is adjusted annually in line with changes in the use of the element in the works. The index is widely accepted as a measure of changes in the cost of roadworks.

The upward turn of the index for 1982-83 is a result of major cost increases over the previous year in items such as Workers' Compensation (134%), Ready Mixed Concrete in the Country area (52%), Crushed Stone (11%), Diesel Fuel (10%) and the introduction of the 38 hour week for the majority of the Department's employees.

A graph illustrating the comparison between the Department's Cost Rise Index and Consumer Price Index is also shown.

## 12. Loan Funds

The Commissioner for Main Roads is empowered to borrow

funds under Schedules 4, 6 and 7 of the Public Authorities (Financial Accommodation) Act, 1981.

The Department's borrowing allocation under the Semi-Government Loan Programme for 1982-83 was \$58 million. Of this amount, \$28 million was raised by public loans and \$30 million by private treaty.

Contributions to a sinking fund during 1982-83 to provide for repayment of Semi-Government term loans amounted to \$1.8 million. Funds accumulated in the sinking fund are invested in securities of the State and Commonwealth Governments. A total of \$26.6 million from the sinking fund, made up of \$15 million in 1980-81, \$9 million in 1981-82 and \$2.6 million in 1982-83, has been invested in inscribed stock of the Department of Main Roads and applied to construction works.

The outstanding liability in respect of loans is shown in the table titled 'Summary of Loan Liabilities as at 30 June 1983'. At 30 June 1983 the Department owed the following amounts.

### Outstanding Loan Liability

	\$M
State loans	133.53
Treasury advances	11.05
Loans raised by Commissioner	414.66
Special internal loans	26.60
Loans outstanding	585.84
Less reserve for repayments	62.03
Net loan liability as at 30 June 1983	\$523.81

### Summary of Loan Maturities for Loans Raised by Commissioner under the Semi-Government Programme

	Private Treaty Loans \$M	Public Loans \$M	Total \$M
1983-84	6.371	42.236	48.607
1984-85	4.665	18.769	23.434
1985-86	5.844	86.368	92.212
1986-87	9.809	14.340	24.149
1987-88	1.897	2.235	4.132
Beyond 1988-89	159.911	62.212	222.123
Total	188.497	226.160	414.657



## Summary of Loan Liabilities as at 30 June 1983

Details	County of Cumberland Fund \$M	Country Fund \$M	Waterfall to Bulli Pass Toll Work \$M	Berowra to Calga Toll Work \$M	Sydney Harbour Bridge \$M	Total \$M
<b>A. General Loan Account (State Loans)</b>						
State loans outstanding prior to 1 July 1982	56.905	41.680	3.038	25.008	9.040	135.671
Add — loans 1982-83	—	—	—	—	—	—
Less — repayments of principal and sinking funds during 1982-83	0.847	0.726	0.045	0.366	0.158	2.142
State loans outstanding at 30 June 1983	<b>56.058</b>	<b>40.954</b>	<b>2.993</b>	<b>24.642</b>	<b>8.882</b>	<b>133.529</b>
<b>B. Repayable Treasury Advances</b>						
Advances outstanding prior to 1 July 1982	6.249	5.356	—	—	—	11.605
Less — principal repaid in 1982-83	0.300	0.257	—	—	—	0.557
Advances outstanding at 30 June 1983	<b>5.949</b>	<b>5.099</b>	—	—	—	<b>11.048</b>
<b>C. Loans Raised by Commissioner (Semi-Govt. Loan Programme)</b>						
Semi-Govt. loans outstanding prior to 1 July 1982	99.226	227.198	22.003	4.786	7.188	360.401
Add — loans 1982-83	24.800	33.000	—	—	—	57.800
	124.026	260.198	22.003	4.786	7.188	418.201
Less — principal repaid in 1982-83	1.247	1.061	1.000	0.204	0.032	3.544
Semi-Govt. loans outstanding at 30 June 1983	122.779	259.137	21.003	4.582	7.156	414.657
Less — Sinking Fund						
— Long term securities	1.836	2.203	1.836	2.040	2.410	10.325
— Short term securities	4.514	5.050	4.318	—	1.670	15.552
— Cash on hand	0.001	0.006	—	—	0.009	0.016
— Main Roads inscribed stock	3.900	5.400	3.900	2.300	2.900	18.400
Sub-total Sinking Fund	10.251	12.659	10.054	4.340	6.989	44.293
Net liability at 30 June 1983 — loans raised under Semi-Govt. Program	<b>112.528</b>	<b>246.478</b>	<b>10.949</b>	<b>0.242</b>	<b>0.167</b>	<b>370.364</b>
<b>D. Internal Loans from Reserves for Loan Repayments</b>						
Internal loans outstanding prior to 1 July 1982	10.500	13.500	—	—	—	24.000
Add — loans 1982-83	—	2.600	—	—	—	2.600
Internal loans outstanding at 30 June 1983	<b>10.500</b>	<b>16.100</b>	—	—	—	<b>26.600</b>
<b>LESS</b>						
<b>E. Toll Funds Set Aside for Loan Repayments</b>						
— Short term securities	—	—	—	(8.664)	(0.872)	(9.536)
— Main Roads inscribed stock	—	—	—	(8.200)	—	(8.200)
Total toll funds set aside	—	—	—	(16.864)	(0.872)	(17.736)
<b>Net Loan Liability as at 30 June 1983</b>	<b>185.035</b>	<b>308.631</b>	<b>13.942</b>	<b>8.020</b>	<b>8.177</b>	<b>523.805</b>

## Summary of Leverage Leases as at 30 June 1983

Details	County of Cumberland Fund \$M	Country Fund \$M	Waterfall to Bulli Pass Toll Work \$M	Berowra to Calga Toll Work \$M	Sydney Harbour Bridge \$M	Total \$M
Lease negotiated 1981-82	—	7.800	—	—	—	7.800



## 13. Commonwealth Grants

### (i) Roads Grants Act

The Commonwealth grant of \$229.7 million in 1982-83 for New South Wales was provided under the Roads Grants Act, 1981, as amended. This is an increase of 7% over the grant of \$214.3 million for 1981-82.

The increases provided in Commonwealth road grants since 1974-75 have not been sufficient to provide for the cost rises in the road industry and for the increased demand for road improvements caused by the growth in the number of registered motor vehicles.

A comparison of the Commonwealth grants in constant dollar (1982-83) terms for the various road categories over the nine year period 1974-83 is provided in the bar chart titled 'Commonwealth Road Grants'.

This chart shows that the cut back in grants in real terms has been directed mainly at the Arterial Road category where the grants have fallen in real terms from \$161 million in 1974-75 to \$69 million in 1982-83.

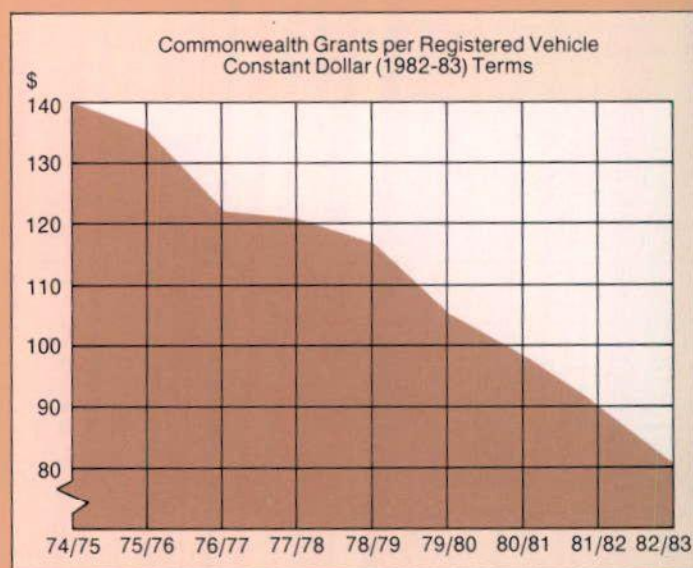
The graph titled 'Commonwealth Grants per Registered Vehicle' shows that the Commonwealth grants have failed to provide for the increased traffic needs. The graph shows the grants per vehicle in real terms falling from \$140 per vehicle in 1974-75 to \$81 per vehicle in 1982-83.

### (ii) Australian Bicentennial Road Development Trust Fund Act

The Australian Bicentennial Road Development (ABRD) Trust Fund Act, 1982 introduced a surcharge on the excise of motor spirit and diesel fuel to provide funds for a special program of road improvement works to be completed by 1988, to coincide with the Australian Bicentenary.

The Act provided for a 1 cent per litre surcharge to be applied from 17 August 1982, and 2 cents per litre from 1 July 1983 until 31 December 1988. Provision has been made for unspent funds in one year to be carried over into future years. Surplus funds are invested and the interest is credited to the Fund.

In 1982-83 the allocations to and expenditure by the Department were:



	Allocation	Expenditure
	\$M	\$M
National Roads	26.3	20.745
Urban Arterial Roads	11.8	4.296
Rural Arterial Roads	7.9	3.241
Local Roads	7.7	—
<b>Total</b>	<b>53.7</b>	<b>28.282</b>

The ABRD program was announced in August 1982 but legislation was not passed until December 1982. The legislation requires that all works on National and Arterial Roads be carried out by contract. This involved additional pre-construction activities. These two factors delayed the commencement of works and resulted in the allocations being underspent.

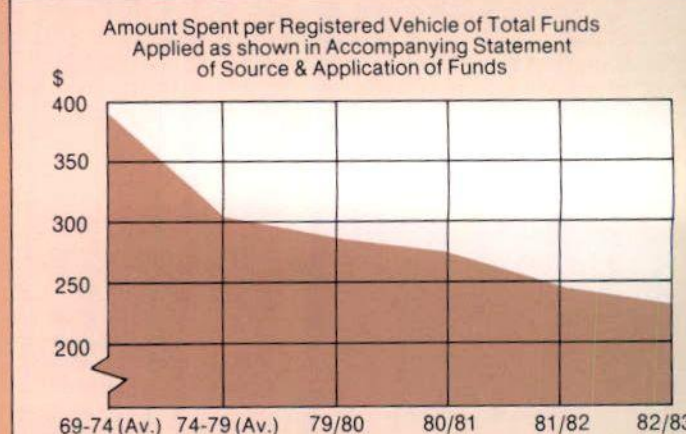
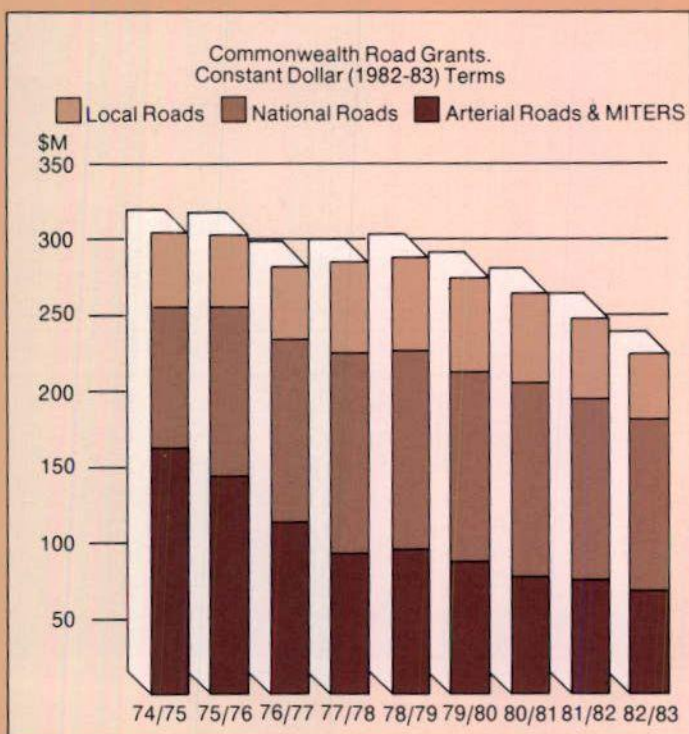
The \$7.7 million available for expenditure on Local Roads remained unspent as at 30 June 1983. The delay in spending these funds was due to the

lateness of the legislation and the time required to develop the program and obtain the Commonwealth Government's approval.

The allocation of \$25.418 million unspent at 30 June 1983 will be available for works in future years.

### (iii) Wage Pause Employment Program

Funds received under this program which was introduced early in 1983 amounted to \$0.84 million. The balance of the grant of \$5.1 million, i.e. \$4.257 million, will be drawn in 1983-84.





# Statement of Source and Application of Funds 1969-70 to 1982-83

## In Constant Dollar (1982-83) Terms — All Funds

	5 Year Average 1969-74 (a) \$M	5 Year Average 1974-79 (a) \$M	1979-80 \$M	1980-81 \$M	1981-82 \$M	1982-83 \$M
<b>Source of Funds</b>						
<b>State Sources</b>						
Motor vehicle registration tax	230.105	218.689	220.101	242.286	263.107	265.761
Road maintenance contribution	73.543	42.363	1.876	0.030		
Motor vehicle registration fee	16.280	22.478	29.343	24.579	21.349	8.401
Diesel fuel levy						30.113
Tolls	25.501	19.120	15.658	14.501	12.738	10.498
Other	21.157	44.781	23.995	20.810	19.780	20.630
Contributions						
— County of Cumberland Council	25.461	0.157				
— Country Councils (est.)	18.133					
<b>Sub-total (State Revenue)</b>	<b>410.180</b>	<b>347.588</b>	<b>290.973</b>	<b>302.206</b>	<b>316.974</b>	<b>335.403</b>
Loan funds	39.232	51.841	164.180	146.278	112.820	60.400
Leveraged lease finance					9.063	
<b>Total — State Sources</b>	<b>449.412</b>	<b>399.429</b>	<b>455.153</b>	<b>448.484</b>	<b>438.857</b>	<b>395.803</b>
<b>Commonwealth Sources</b>						
Classified roads and research	220.138	242.588	214.546	205.733	195.279	180.099
Local roads	91.403	53.705	58.542	56.342	53.757	49.576
ABRD Program						33.700
Wage Pause Employment Program						0.842
<b>Total — Commonwealth Sources</b>	<b>311.541</b>	<b>296.293</b>	<b>273.088</b>	<b>262.075</b>	<b>249.036</b>	<b>264.217</b>
From cash balance		6.740	9.743	24.450		
Add to cash balance	24.446				4.970	15.635
<b>Total Funds Available</b>	<b>736.507</b>	<b>702.462</b>	<b>737.984</b>	<b>735.009</b>	<b>682.923</b>	<b>644.385</b>
<b>Funds Applied to:</b>						
Construction	417.234	352.865	372.860	369.816	328.235	310.769
Maintenance	135.448	163.279	153.714	149.406	140.197	135.670
Traffic facilities	16.280	36.570	50.183	46.992	43.036	39.089
Operating and suspense accounts	3.496	8.962	13.001	9.395	3.606	7.926Cr.
General administration and research	44.028	39.157	33.790	34.721	34.411	31.795
<b>Sub-total (Works Expenditure)</b>	<b>616.486</b>	<b>600.833</b>	<b>623.548</b>	<b>610.330</b>	<b>549.485</b>	<b>509.397</b>
Loan charges and repayments	38.058	38.017	55.046	67.019	78.811	84.673
<b>Sub-total</b>	<b>654.544</b>	<b>638.850</b>	<b>678.594</b>	<b>677.349</b>	<b>628.296</b>	<b>594.070</b>
Local roads	81.963	63.612	59.390	57.660	54.627	50.315
<b>Total Funds Applied</b>	<b>736.507</b>	<b>702.462</b>	<b>737.984</b>	<b>735.009</b>	<b>682.923</b>	<b>644.385</b>

(a) Details of these individual years are shown in the 1981-82 Annual Report in 1981-82 terms.



# Sydney Harbour Bridge

## Statement of Receipts and Payments for 1982-83

	\$	1982-83 \$	1981-82 \$
<b>Receipts</b>			
Tolls	5,917,799		5,763,140
Less cost of collection	2,179,297		1,911,847
Net tolls received		3,738,502	3,851,293
Contribution by Urban Transit Authority and State Rail Authority		522,951	637,735
Rent from properties		683,984	330,898
Interest on Sydney Harbour Bridge reserve account		327,116	290,079
Interest received on sinking fund investments		845,513	727,424
<b>Total Receipts</b>		<b>6,118,066</b>	<b>5,837,429</b>
Cash balance at 1 July 1982		1,940,226	3,070,260
		<b>8,058,292</b>	<b>8,907,689</b>
<b>Payments</b>			
Maintenance and lighting		2,183,693	2,118,769
Provision of new driver aid facilities		312,420	706,709
Tow truck service and driver aid operations		1,792,583	1,520,477
General administration		200,000	170,000
State loan charges paid to Treasury		1,074,000	992,000
Interest on loans raised by Commissioner		722,999	587,986
Sinking fund and principal on loans raised by Commissioner		874,476	871,520
<b>Total Payments</b>		<b>7,160,171</b>	<b>6,967,461</b>
Cash balance at 30 June 1983		898,121	1,940,226
		<b>8,058,292</b>	<b>8,907,689</b>

## Dissection of Construction and Improvement Works at Cost and their Source of Finance — Position as at 30 June 1983

	Source of Finance				Total Cost \$
	State Loans \$	Semi-Govt. Loans \$	Toll Revenue \$	Other Sources \$	
Bridge and original approaches	15,708,559			3,352,226	19,060,785
Removal of tram tracks and miscellaneous works			2,375,408		2,375,408
Cahill Expressway to Sir John Young Crescent	4,512,943		4,464,327		8,977,270
Warringah Freeway to Miller Street Cammeray	300,000	9,320,000	16,843,303		26,463,303
Driver Aid Facilities			3,044,606		3,044,606
<b>Total</b>	<b>20,521,502</b>	<b>9,320,000</b>	<b>26,727,644</b>	<b>3,352,226</b>	<b>59,921,372</b>
Total loans	20,521,502	9,320,000			
Less repayments of loans to 30 June 1983	11,639,282	2,163,287			
Outstanding Loans as at 30 June 1983	<b>8,882,220</b>	<b>7,156,713</b>			



# Sydney Harbour Bridge

## Statement of Funds Employed as at 30 June 1983

	\$	\$	1982-83 \$	1981-82 \$
<b>Funds Employed</b>				
Loans Raised to Finance Works:				
State Loans				
— Repaid from tolls	9,788,345			9,680,345
— Repaid by Commonwealth Government	1,850,937			1,801,502
— Amount outstanding	8,882,220	20,521,502		9,039,655
Loans Raised by Commissioner				
— Repaid from tolls	2,163,287			2,131,684
— Amount outstanding	7,156,713	9,320,000		7,188,316
			29,841,502	29,841,502
Works financed from Other Sources:				
— Capital works financed from tolls		26,727,644		26,415,224
— Contributions by Councils and miscellaneous		3,352,226		3,352,226
			30,079,870	29,767,450
<b>Total Cost of Works</b>			<b>59,921,372</b>	<b>59,608,952</b>
Accumulated Funds:				
— Sinking Fund for loan repayment		6,989,500		6,989,500
— Reserve for loan repayments		872,363		26,851
— Accumulated operating surplus		889,131		1,933,875
			<b>8,750,994</b>	<b>8,950,226</b>
			<b>68,672,366</b>	<b>68,559,178</b>

## Represented by

Works at Cost:				
— Bridge and original approaches	19,060,785			19,060,785
— Removal of tram tracks and miscellaneous adjustment	2,375,408			2,375,408
— Cahill Expressway to Sir John Young Crescent	8,977,270			8,977,270
— Warringah Freeway to Miller Street	26,463,303			26,463,303
— Driver aid facilities	3,044,606			2,732,186
			<b>59,921,372</b>	<b>59,608,952</b>
Securities and Cash:				
— Long term securities	2,410,000			3,040,000
— Main Roads inscribed stock	2,900,000			2,900,000
— Short term securities	2,542,873			1,070,000
— Cash at Treasury	898,121			1,940,226
			<b>8,750,994</b>	<b>8,950,226</b>
			<b>68,672,366</b>	<b>68,559,178</b>



# Berowra to Calga Toll Work

## Statement of Receipts and Payments for 1982-83

Receipts	\$	1982-83 \$	1981-82 \$
Tolls	6,960,571		7,027,398
Less cost of collection	1,162,403		980,359
Net tolls received		5,798,168	6,047,039
Interest received on sinking fund investments		1,903,294	1,381,809
<b>Total Receipts</b>		<b>7,701,462</b>	<b>7,428,848</b>
Cash balance at 1 July 1982		95,981	149,224
		<b>7,797,443</b>	<b>7,578,072</b>
<b>Payments</b>			
Lighting		90,813	75,150
Tow truck service and driver aid operations		291,641	240,709
Replacement of emergency telephones		152,174	—
General Administration		90,000	80,000
State loan charges paid to Treasury		2,891,060	2,667,900
Interest on loans raised by Commissioner		448,289	395,557
Sinking fund and principal on loans raised by Commissioner		3,741,355	4,022,775
<b>Total Payments</b>		<b>7,705,332</b>	<b>7,482,091</b>
Cash balance at 30 June 1983		92,111	95,981
		<b>7,797,443</b>	<b>7,578,072</b>

## Statement of Funds Employed as at 30 June 1983

Funds Employed	\$	1982-83 \$	1981-82 \$
Loans Raised to Finance Works:			
State Loans			
— Repaid from tolls	3,209,020		2,914,020
— Repaid by Commonwealth Government	1,098,153		1,027,625
— Amount outstanding	24,642,827		25,008,355
Loans raised by Commissioner			
— Repaid from tolls	1,418,657		1,214,229
— Amount outstanding	4,581,343		4,785,771
Treasury advance repaid from tolls	800,000		800,000
		<b>35,750,000</b>	<b>35,750,000</b>
Accumulated Funds:			
— Sinking Fund for repayment of loans raised by Commissioner	4,339,700		4,340,000
— Reserve for loan repayments	16,863,843		13,326,917
		<b>21,203,543</b>	<b>17,666,917</b>
		<b>56,953,543</b>	<b>53,416,917</b>

## Represented by

Works at Cost:			
— Roads and bridges	35,109,836		35,109,836
— Toll office land and buildings	640,164		640,164
		<b>35,750,000</b>	<b>35,750,000</b>
Investments:			
— Long term securities	2,039,700		2,039,700
— Main Roads inscribed stock	10,500,000		7,900,000
— Short term securities	8,663,843		7,727,217
		<b>21,203,543</b>	<b>17,666,917</b>
		<b>56,953,543</b>	<b>53,416,917</b>

The above receipts and payments are included in the statement shown on pages 36 and 37 under the headings 'County of Cumberland Fund' and 'Traffic Facilities'.

Maintenance of Berowra to Calga Toll Work is met from National Road Grants in the Commonwealth Fund.



# Waterfall to Bulli Pass Toll Work

## Statement of Receipts and Payments for 1982-83

	\$	1982-83 \$	1981-82 \$
<b>Receipts</b>			
Tolls	1,842,451		1,812,126
Less cost of collection	881,361		747,109
Net tolls received		961,090	1,065,017
Interest received on sinking fund investments		1,302,388	1,113,569
Transfer of motor vehicle registration tax from County of Cumberland Fund [Note (a)]		3,043,606	3,076,711
<b>Total Receipts</b>		<b>5,307,084</b>	<b>5,255,297</b>
Cash balance at 1 July 1982		—	—
		<b>5,307,084</b>	<b>5,255,297</b>
<b>Payments</b>			
Maintenance and lighting		497,587	615,460
Low truck service and driver aid operations		212,715	200,000
General administration		55,000	50,000
State loan charges paid to Treasury		354,830	326,900
Interest on loans raised by Commissioner		1,810,972	1,895,486
Sinking fund and principal on loans raised by Commissioner		2,375,980	2,167,451
<b>Total Payments</b>		<b>5,307,084</b>	<b>5,255,297</b>
Cash balance at 30 June 1983		—	—
		<b>5,307,084</b>	<b>5,255,297</b>

## Statement of Funds Employed as at 30 June 1983

	\$	1982-83 \$	1981-82 \$
<b>Funds Employed</b>			
Loans Raised to Finance Works:			
State Loans			
— Repaid from tolls	320,430		284,330
— Repaid by Commonwealth Government	86,898		78,270
— Amount outstanding	2,992,672		3,037,400
Loans raised by Commissioner			
— Repaid from tolls	6,597,153		5,596,878
— Amount outstanding	21,002,847		22,003,122
		<b>31,000,000</b>	<b>31,000,000</b>
Accumulated Funds:			
— Sinking fund for repayment of loans raised by Commissioner		<b>10,054,564</b>	<b>8,678,858</b>
		<b>41,054,564</b>	<b>39,678,858</b>

## Represented by

Works at cost:			
— Roads and bridges including debt charges up to time of opening	30,338,486		30,338,486
— Toll office land and buildings	661,514		661,514
		<b>31,000,000</b>	<b>31,000,000</b>
Investments:			
— Long term securities	1,836,000		3,592,000
— Main Roads inscribed stock	3,900,000		3,900,000
— Short term securities	4,318,564		1,186,858
		<b>10,054,564</b>	<b>8,678,858</b>
		<b>41,054,564</b>	<b>39,678,858</b>

The above receipts and payments are included in the statement shown on pages 36 and 37 under the headings 'County of Cumberland Fund' and 'Traffic Facilities'.

Note (a). The funds for the construction of the Waterfall to Bulli Pass Toll Work were provided from loans on the basis that a major portion of the loan charges would be met from general revenue in the County of Cumberland Fund.



## Corporate Planning

The Department's corporate planning process assists in identifying objectives, in devising and implementing appropriate strategies and in monitoring their progress.

The continuing focus throughout the year has therefore been on identifying key issues confronting the Department, and on developing appropriate responses. Senior management discussions are held regularly to consider developments and to initiate actions to meet changing circumstances.

Particular concerns during 1982-83 included the following:

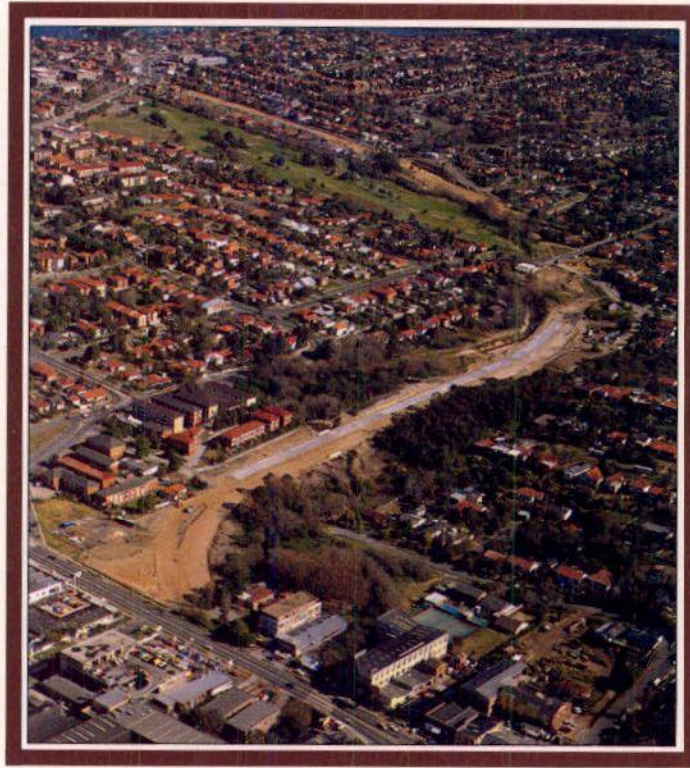
- Review of the process of programming roadworks, particularly the approach to setting priorities.
- Development and rationalisation of personnel and road data base information systems.
- Formulation of a road referencing system.
- Manpower planning.
- Identification of performance indicators.

Other corporate policy issues addressed during the year included:

- Commonwealth/State road issues.
- Assessment of the impact of an additional traffic lane on the Sydney Harbour Bridge.
- Measurement of road cost rises.
- Control of interstate vehicle operators.
- Personnel policies.

## Advance Planning

The development and maintenance of effective road data inventory systems continued to be an important activity of the Department, along with the conduct of various other studies for planning purposes.



*Work in progress on the 1.5 km Burnt Bridge Creek Deviation to link Sydney Road and Condamine Street, Balgowlah.*

The Department continues to participate in the Study of Australian Roads, begun in 1980 by the National Association of Australian State Road Authorities (NAASRA).

The objectives of the NAASRA Roads Study are to:

- provide a clear picture in measurable terms of the nature and condition of the Australian road system.
- provide a basis (along with earlier and continuing surveys) for assessing change in the Australian road system.
- aid assessment of alternative road management strategies.
- illustrate the physical effect of various levels of funding on the Australian road system and on transport costs.
- present the findings in a clear and intelligible form.

A central NAASRA study team co-ordinates input by each State Road Authority and provides a national overview.

The Study will eventually cover rural arterial, urban arterial and local roads and is now planned for completion in late 1983. In 1982 it became evident that

special projects carried out under the Australian Bicentennial Road Development (ABRD) program warranted a separate study of National Highways which will accordingly be included in the Study.

The Department's forward construction programs were also affected by the ABRD program which extends to the end of 1988, the Bicentennial year. They have been revised to cover the six-year period up to the end of 1988-89. The ABRD projects were then chosen from these overall programs. (ABRD projects are described on page 29.)

The formula according to which Commonwealth funds for local roads are allocated to rural Shires and Municipalities is being revised. Revision is according to principles proposed by the Shires and Local Government Associations of New South Wales, in consultation with the Department. These proposed principles, and others applying to urban Council grants, are being considered by the Commonwealth Minister for Transport for application in 1983-84.

## Town and Regional Planning

It is essential to ensure that land use and transport planning proposals are compatible and that corridors for future roads are suitably protected. In accordance with the Environmental Planning and Assessment Act, 1979, the Department liaises closely with State and local government planning authorities in the preparation and assessment of draft planning documents.

Among numerous draft plans assessed in 1982-83 were seven regional environmental plans (including Chatswood Town Centre, Gosford Coastal Lands, Illawarra Region and Botany Bay Sub-Region); 11 environmental studies; and 65 local environmental plans. Other projects undertaken during the year included planning studies of the following:

- The Burnt Bridge Creek Deviation between Sydney Road and Condamine Street, Balgowlah.
- The proposed extension of the F4 - Western Freeway between Emu Plains and Lapstone.
- The proposed National Conservation Strategy.
- Acquisition and land-use policies for land reserved for future main road purposes.

The Department is represented on various committees, including the Advisory Co-ordinating Committee, the Local Government Liaison Committee, the Central Coast Planning and Development Committee and the Botany Bay Technical Advisory Co-ordinating Committee of the Department of Environment and Planning.

## Urban Road Planning

The Department's medium to long-term road planning aims to set realistic goals which can be adapted to keep pace with



anges in land-use development and community attitudes. As part of its endeavour to communicate effectively with all relevant bodies, the Department liaises with community groups, local government and various State government organisations. There are particularly strong links with the Department of Environment and Planning, the various government transport organisations and the State Transport Study Group.

In 1982-83, the Department had an opportunity to monitor a wide range of public opinion through attendance at the Warringah Transport Corridor Inquiry. The report of the Inquiry was tabled in State Parliament by the Minister for Transport, the Hon. F. Cox, M.P., on 17 August 1983.

Flexibility in urban road planning is being aided by new computerised technology. The Department, in close liaison with the State Transport Study Group, is working on systems to handle the extensive data needed to model the complexity of urban transport and travel behaviour patterns. However, it is likely to be some years before fully operational and accessible systems are developed.

Proposed new routes investigated during the year included the following:

Clyde to South Granville - the original County of Cumberland Planning Scheme route from the Eastern Freeway at Clyde to Rodville Road was abandoned and replaced by a proposal to extend James Ruse Drive to the intersection of William and Clyde streets.

South Werrington to Willmot (known as the Werrington route) - general investigations are still proceeding into this link between the Western and Stirling Freeways.

Prospect to Wetherill Park, known as the Greystanes route, from the Western Highway to The Horsley Drive - under investigation.



*This steel underpass will allow both animals and pedestrians to cross the F3 — Sydney-Newcastle Freeway between Calga and Mooney Creek.*

- Druiit Street, Sydney to Bank Street, Pyrmont - investigations still proceeding into an access-controlled connection.

Other general studies are underway regarding the more precise definition of future road boundaries in the Menai Area. Also under consideration are improvements to Sydney's inner-urban arterial road network.

During the year the Government decided to terminate investigations into a Second Harbour Crossing. An announcement to this effect was made by the then Minister for Roads, the Hon. Paul Whelan, M.P., on 23 December 1982.

## Country Road Investigations

The classifications of the State's main traffic routes are continually under review. Changing needs of the community, fluctuating levels of funding and legislative changes are all factors to be considered. Where conditions indicate that the role of a particular road has altered, it may be reclassified.

In assessing a route, environmental studies as well as Local and Regional Environmental Plans are of major importance. Current and projected traffic volumes are also influential.

Two major traffic surveys were conducted in 1982-83. The first, undertaken in conjunction with Orange City Council, looked at the need for and location of a traffic relief route around Orange. This study is now being evaluated.

The second traffic survey covered the area bounded by Wyong, Newcastle and Branxton, to assess probable traffic volumes on the planned National Highway route west of Lake Macquarie between Estelville and Branxton.

Another major investigation during the year concerned road haulage of coal in the Hunter Valley. The study was conducted on behalf of the State Government's Coal Resource Development Committee, having regard for the upsurge in mining activities to the north, west and south of Sydney.

Aerial photography continued to play an important role in gathering planning information and input for computer-

produced contour plans. Flights during the year covered 555 km of roadway. Photogrammetric plotting covered 6 496 hectares (2 866 hectares by the Department, the balance by contract). Following investigation, 27 proposals for new alignments were finalised.

In accordance with directives from the State Government, the Central Mapping Authority, Bathurst played an increasingly large role in carrying out aerial photography and photogrammetry (98% and 87% respectively, compared with 44% and 17% in 1981-82).

Motorway proclamations during the year achieved control of frontage access on seven sections of classified road, totalling 30 km. This measure is taken when the spread of urban-type development interrupts traffic flow along a road intended as a relief route.

## Environmental Studies

During the year the Department examined 55 reviews of environmental factors produced for main road proposals. These reviews are used to determine further action and to check whether full environmental impact statements are required.

Environmental impact statements for the Ninth Lane and Eastern Footway on Sydney Harbour Bridge proposal, and the F3 - Sydney-Newcastle Freeway: Wallarah Creek to Wallsend section, were placed on public exhibition. The previously published Statement for the F3 - Sydney-Newcastle Freeway: Wahroonga to Berowra section, continued to attract public interest and debate.

The Statement for the section of the Hume Highway from Aylmerton to Hoddles Cross Roads (including Berrima and Mittagong By-passes) is nearing completion. Views expressed by members of the public and various organisations through public consultation have been helpful.



Work continues on the Statement for the Federal Highway south of Lake George to the A.C.T. Boundary. Particular attention is being paid to landscape and other design criteria for the section adjoining Lake George.

Current environmental impact statements prepared by or for the Department are listed in Table 15.

As well as producing statements, the Department has examined 20 from other organisations, where these could affect road and other Departmental interests. It has also contributed comment on various aspects of local and regional planning and on National Conservation Strategy.

Noise studies continued and interim guidelines concerning traffic noise levels as they affect road proposals were prepared. There was also monitoring of air pollution levels (particularly carbon monoxide) in tunnels maintained by the Department,

with a view to obtaining safe but economical use of ventilation equipment.

An interim manual on the prevention of erosion and sedimentation in new roadworks is being prepared for publication early in 1983-84.

The Department is aware of the need for balance in the interactions of roadworks and the environment. It hopes to develop the concept of 'before and after' studies, to assess both the effectiveness of action taken and subsequent social and environmental effects.

## Landscape Design

The importance of landscape planning at an early stage of proposed road-building projects is now widely recognised. The Department involves itself in all aspects of landscape environmental matters. As well as the likely impact of a proposed new route, consideration is given to batter

treatment, revegetation of disturbed sites, planting designs and landscape conservation issues. Consultation is maintained with community groups, local Councils and other Government organisations.

During the year 37 landscape designs were prepared. Major projects included the F4 - Western Freeway, Concord to Mays Hill; the F6 - Southern Freeway at Wollongong; and the Warringah Freeway. All these designs are based on an 'urban forest' concept, involving extensive tree-planting and revegetation through native seeding. The plan is to create long-term low-maintenance forested corridors along freeway reserves. Future freeway environs should be beautiful as well as functional. (See also 'Landscape Planting', page 60.)

Meanwhile plans are in hand for additional planting and the promotion of native revegetation alongside existing freeways. Planned sites include the F3 - Sydney-Newcastle Freeway at

Wyong, the F4 - Western Freeway at Penrith and the F5 - South Western Freeway at Campbelltown. Various methods are being evaluated to establish the most cost-effective means. Appropriate native vegetation cover will significantly reduce the Department's maintenance costs for freeway reserves.

## Road Design

Designs were completed for the following 12.2 km of freeway during the year:

- F3 - Sydney-Newcastle Freeway - two lengths between Mooney Mooney Creek and Somersby.
- F4 - Western Freeway - between Duck River and James Ruse Drive.
- F5 - South Western Freeway - between Hume Highway, Casul and Moorebank Avenue, Moorebank.

In conjunction with the freeway works, auxiliary roadway totalling 6.9 km was designed, including approaches to the Edgeworth David Avenue bridge over the F3 - Sydney-Newcastle Freeway and associated work at Wahroonga.

Other freeway designs nearing completion or well in hand are:

- F3 - Sydney-Newcastle Freeway
  - Wahroonga to Berowra (part by Consultants)
  - Calga Interchange
  - Ourimbah Interchange
  - Dora Creek to Barnsley
- F4 - Western Freeway
  - James Ruse Drive to Church Street, Parramatta
- F5 - South Western Freeway
  - Berrima Bypass
  - Mittagong Bypass

Two new design projects are:

- F4 - Western Freeway - extension at eastern end to join Parramatta road, and concurrent deviation of Concord Road to

**Table 15. Major Environmental Impact Assessments**

Study	Date Begun	Date of Exhibition	Cost Estimate	Percentage of Estimated Construction Cost	Study Prepared by:
F3 — Sydney-Newcastle Freeway: Wahroonga to Berowra section (15 km)	Dec. 1979	June to July 1982	\$179,000	0.3	Consultant
F3 — Sydney-Newcastle Freeway: Wallarah Creek to Wallsend (46 km)	Jan. 1979	May to June 1983	\$108,000	0.2	Department
Sydney Harbour Bridge: Ninth Lane proposal	Jan. 1982	Nov. to Dec. 1982	\$ 76,000	0.5	Consultant
F5 — South Western Freeway: Aylmerton to Hoddles Cross Roads (38 km)	Jan. 1981	—	\$130,000	0.2	Department
Federal Highway: Collector to A.C.T. border					
(i) Brooks Creek to A.C.T. border (20 km)	June 1981	—	\$ 60,000	0.2	Department
(ii) South of Collector to Brooks Creek (29 km)	March 1983	—	\$ 76,000	0.2	Department



pass over the Freeway. This will improve conditions significantly for both Freeway and Concord Road traffic flows.

■ **F5 - South Western Freeway** - extension from Moorebank Avenue, Moorebank to King Georges Road, Beverly Hills. Initially this will be a two-lane road with at-grade intersections at the sites of ultimate interchanges.

Designs for works on State Highways, Trunk Roads and Ordinary Main Roads throughout the State are prepared in Divisional Offices or by Councils. Last year designs completed covered 166 km of roads under the care and control of the Department and 351 km of roads under the care and control of Councils.

## Bridge Design

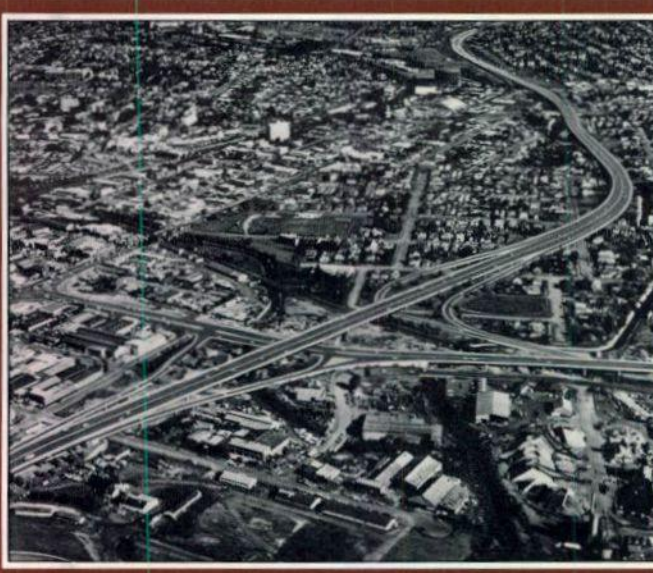
The Department is responsible for the preparation of drawings and tender documents for most new bridges, and for widening existing bridges, on all classified roads. It also designs new bridges where local roads are cut by new Departmental projects. When work loads are particularly high, design consultants may be engaged. A total of 64 designs prepared by the Department and consultants were approved in 1982-83.

The Department also examines designs for bridges on or over main roads, which have been prepared by Councils, by other Government authorities (such as the Water Resources Commission and the State Rail Authority) or by other organisations. The Department is also the approving authority or designs of bridges on unclassified (Council) roads which are eligible for a subsidy from the Commonwealth Government. Last year, 23 designs prepared by other authorities were examined and accepted by the Department, five of these being associated with the classified road system.



Major projects worked on during the year included designs for duplicating two existing major bridges, with a total estimated cost of \$17 million. These are the new steel box girder bridge to carry southbound traffic on the Princes Highway over the Georges River at Tom Uglys Point; and a prestressed concrete box girder bridge over the Hunter River at Hexham for northbound traffic on the Pacific Highway. (See artist's impressions on page 51.)

Last year a larger than usual number of routine bridge designs was commissioned from consultants. Currently about 35 designs are being undertaken by approximately 20 firms. Some commissions involve specialist functions such as mechanical or electrical services, or the investigation of load-carrying capacity of some of the Department's older bridges. The Department will continue to make balanced use of consultants to produce the designs required to implement its construction program.



*Above: Artist's impression of proposed extension of F4 — Western Freeway at Concord.*

*Centre: Construction of bridge over the Georges River on extension of F5 — South Western Freeway at Casula.*

*Below: Artist's impression of F4 — Western Freeway crossing Ruse Drive at Granville, looking west.*



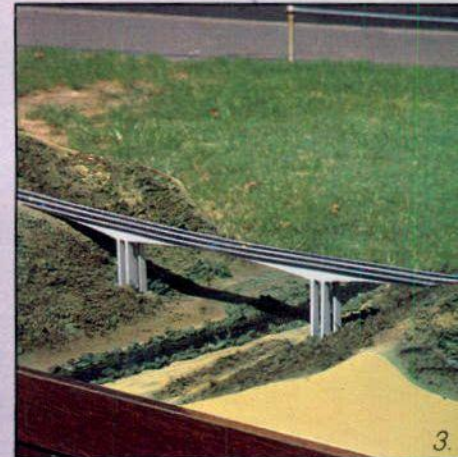
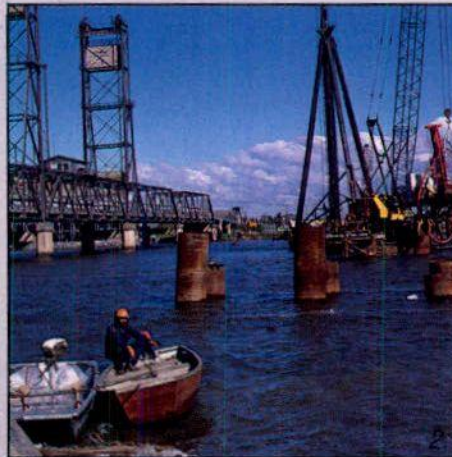
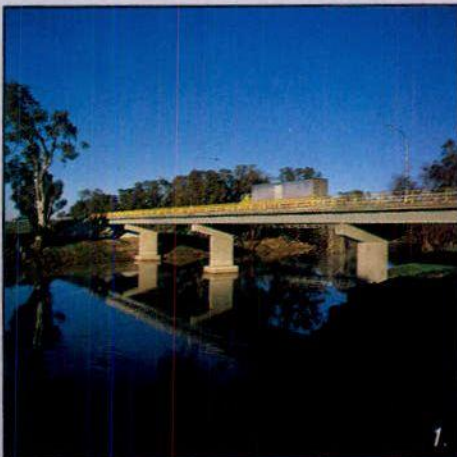
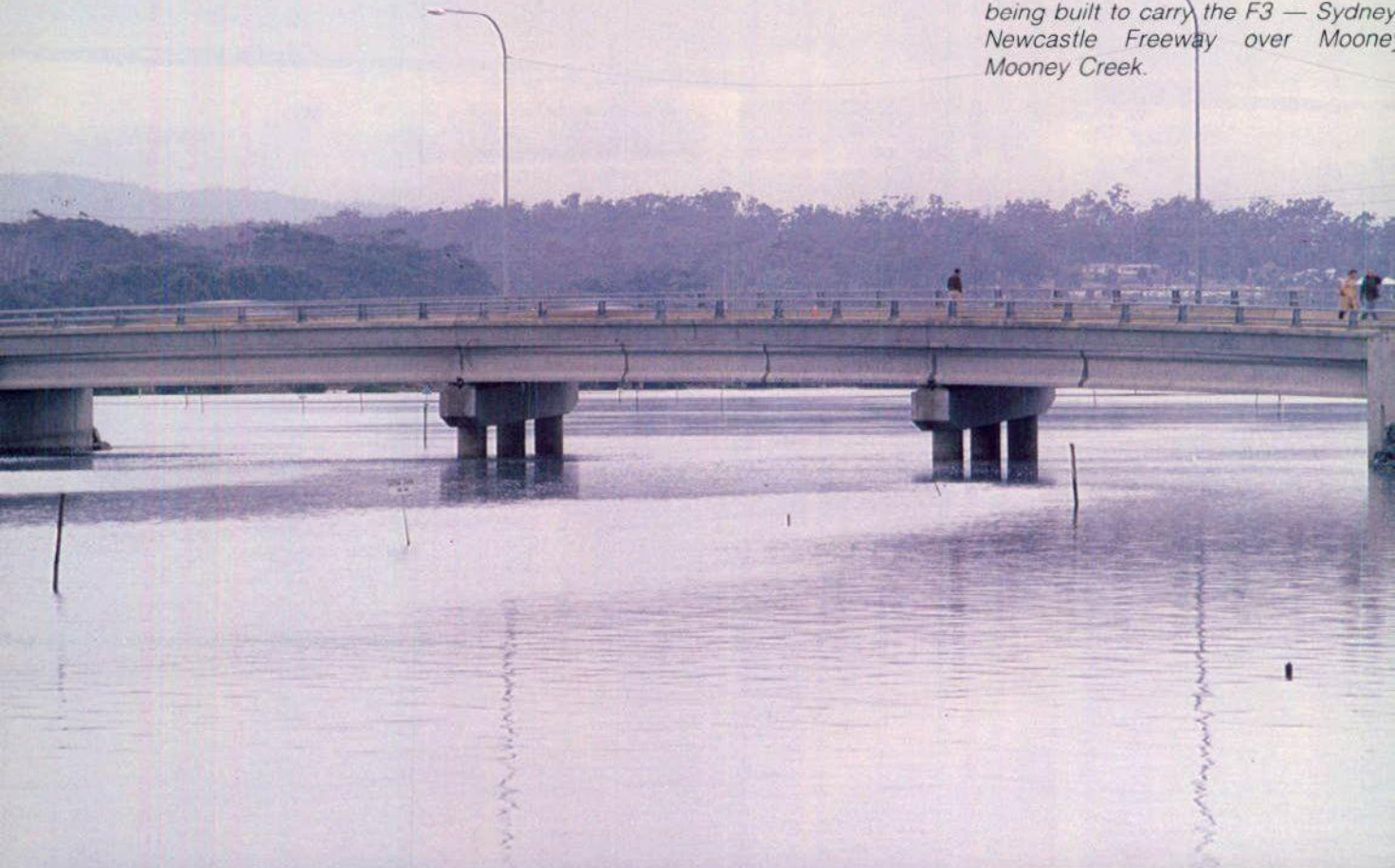
## Bridges, Present and Future

Background shows the new bridge over Merimbula Lake, replacing the last single-lane bridge on the Princes Highway in New South Wales. Inset are:

1. New bridge over the Murrumbidgee River on the Newell Highway at Narrandera.

2. Piling commenced for construction of new bridge over Hunter River at Hexham on the Pacific Highway.

3. Model of twin 485 m long bridges being built to carry the F3 — Sydney Newcastle Freeway over Mooney Mooney Creek.





# Traffic Control and Safety Measures

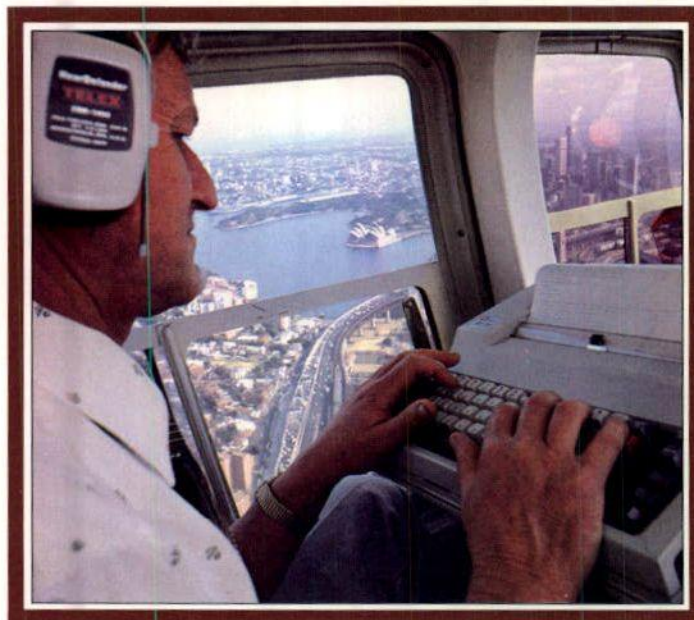
## Traffic Authority of New South Wales

Under the Traffic Authority Act, the Department is responsible for the implementation of a program of specific traffic works, financed from the Traffic Facilities Fund. The 1982-83 expenditure on traffic facilities such as intersection improvements, traffic signals, emergency services, driver aid schemes, signs and roadmarking was \$41.43 million.

As the operating arm of the Traffic Authority of New South Wales, the Department undertakes the installation of traffic control devices on main roads. Local Councils have a similar responsibility for local roads.

The Department liaises with Councils through their Traffic Committees. During 1982-83, these Committees were reorganised to achieve increased involvement by local Members of Parliament (or their representatives).

A further step in the decentralisation of development control was taken with the establishment of the Hunter Development Committee. This body considers both minor and major traffic-generating developments in its region. The Department is represented on the Committee, and also provides premises and secretarial support for its work.



*Traffic Systems Manager, Mr Arthur Sims, keys traffic information into the computer terminal on board the Department's helicopter. The terminal is linked to Sydney's Co-ordinated Adaptive Traffic System (SCATS). (Photograph by courtesy of Philips Industries Holdings Ltd.)*

## Routine Maintenance and Operations

The Department undertook all routine operation, maintenance and emergency repair work of traffic facilities, including traffic signals, in the Sydney, Wollongong and Newcastle areas. Elsewhere, signal maintenance was carried out by the local electricity supply authority for the Department, while other traffic facilities were maintained by the Department or by the local Council, as mutually convenient.

## Signs and Markings

Over 44,000 new facilities including marked pedestrian crossings, traffic domes,

regulatory, warning and guide signs, together with about 27,000 replacement signs, were provided during the year.

The Department re-marked approximately 67 000 km of longitudinal traffic lines on classified roads. Raised pavement markers continued to be used to augment painted lines and to simulate traffic lines on freeways. Approximately 175 000 square metres of transverse lines, zebra crossings and road symbols were marked or re-marked during the year. Paint continues to be used for the bulk of pavement marking.

However, hot-applied thermoplastic material is now commonly used for transverse markings on heavily trafficked

roads and self-adhesive marking tape is used for special applications.

## Intersection Control

The program of State-wide intersection control, involving the establishment of a road hierarchy in each Council area together with relevant sign-posting of all road junctions, is more than 90% complete. It is expected that by 31 December 1983 all but three of the State's 177 local government Council areas will have been appropriately sign-posted.

## Clearways

The selective extension of the peak hour clearway system in Sydney would improve the use of existing roadway capacity. However, clearways are often objected to by local business groups, and only five additional lengths were established during the year. These were:

- Georges River Road - Burwood Road to Greenhills Street, Croydon.
- Georges River Road - Milton Street to Greenhills Street, Croydon.
- Milton Street - Hume Highway to Georges River Road, Croydon.
- Coronation Parade/The Boulevard - Georges River Road to Morwick Street, Strathfield.
- Harris Street/Regent Street - Cleveland Street to Gipps Street, Pyrmont.

Table 16. Traffic Signals in Service, 1982 and 1983

Area	Vehicle Actuated		Pedestrian Actuated		Inner City		Totals	
	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83	At 30/6/82	At 30/6/83
Sydney	1 180	1 224	226	226	119	120	1 525	1 570
Newcastle	91	92	22	23	—	—	113	115
Wollongong	74	80	12	11	—	—	86	91
Country Centres	71	77	16	16	—	—	87	93
Totals	1 416	1 473	276	276	119	120	1 811	1 869



# Traffic Control and Safety Measures

## Transit Lanes

Arrangements were finalised for the adjustment of the following transit lanes, to take effect early in July 1983:

- Epping Road transit lane to be extended to Fraser Street, Lane Cove.
- Warringah Freeway and Spit Road transit lanes to be reduced in length during the evening peak period.

## Speed Zoning

During the year, authority for the determination of changes to speed zones was transferred from the Department's Head Office to Divisional Engineers.

Extensions to existing speed zones were made over 141.75 km of roadway.

## Construction

### Traffic Signals

Sixty-four new sets of traffic signals were brought into service during the year, bringing the total number in service at 30 June 1983 to 1,869, distributed as shown in Table 16. Forty sets of traffic signals were reconstructed because of changing traffic factors or road reconstruction, and six sets were removed from service. Temporary signals were installed at three locations to assist in controlling traffic movements at the site of roadworks.

## SCATS

The connection of signalised intersections to the Sydney Co-ordinated Adaptive Traffic System (SCATS) and to similar systems in the Wollongong and Newcastle urban areas continued during the year.

A total of 783 intersections are now connected to SCATS and a further 154 sites in the Sydney Central Business District are under computer control. The system includes a central

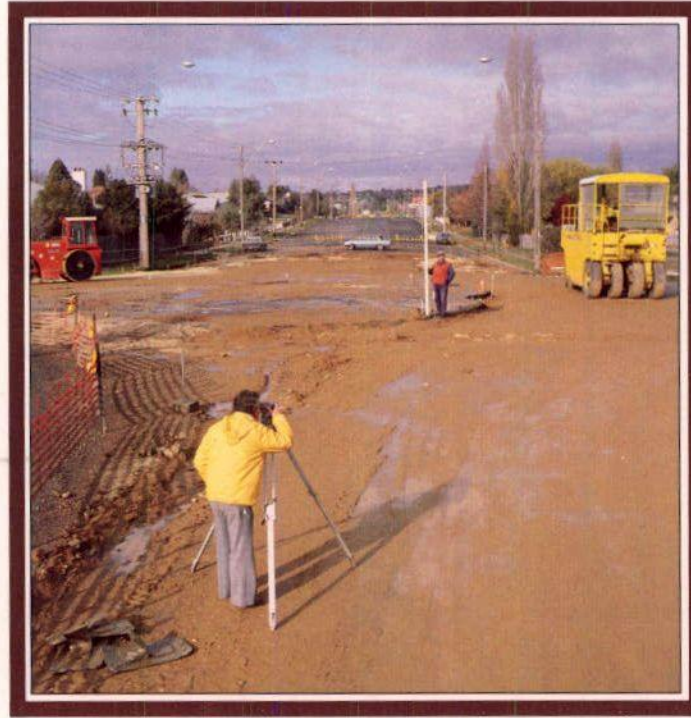
supervisory computer at the Department's Traffic and Emergency Centre, Oxford Street; 12 regional computers at key locations in the Metropolitan area; and over 1,000 micro-computers controlling the traffic signals at intersections.

Through this system, the operating cycles of connected traffic signals are controlled and co-ordinated in response to traffic flows and conditions. Travel time surveys (see page 55) indicate that SCATS is contributing significantly to keeping traffic flowing on urban arterial roads. As well as monitoring and adjusting to traffic flows, the microcomputers provide a direct means of checking signal equipment.

### Improvements for Pedestrians

Four mid-block traffic signals were installed specifically for pedestrian use, and pedestrian push-buttons were incorporated in the majority of new or reconstructed intersection traffic signals.

Audio-tactile push-button boxes were installed at 74 locations in Metropolitan and Country Centres after consultation with the Royal Blind Society of N.S.W.



*Early stages in the construction (by Orange City Council) of a roundabout on the Mitchell Highway at the intersection of Summer and Woodward Streets, Orange.*

The main impetus of this program is now complete, but audio-tactile boxes will continue to be installed as the need arises.

### Intersection Improvements

Reconstruction with channelisation was carried out at 37 intersections. Major sites completed included the following:

- Mate Street/Fallon Street, Albury.
- Pacific Highway/Goorama Avenue, Doyalson.
- Byron Street/Campbell Street, Inverell.
- White Street/Brae Street, Inverell.
- New England Highway/Parallel Street, Maitland.
- F4 - Western Freeway/Great Western Highway, Mays Hill.
- Princes Highway/Market Street, Merimbula.
- New England Highway/Sydney Street, Muswellbrook.
- Northern Suburbs Distributor/Princes Highway, North Wollongong.
- Princes Highway/Five Islands Road, Unanderra.

## Roundabouts

The installation of roundabouts is increasing. Roundabouts are an efficient, energy-saving means of traffic control. They are particularly suitable for use in country towns, where maintenance of traffic signals is both difficult and expensive. During the year, roundabouts were installed at 35 locations, including the following major sites:

- William Street/Oxide Street, Broken Hill.
- Orchard Road/Help Street, Chatswood.
- High Street/Gordon Street, Coffs Harbour.
- Bruxner Highway/Union Street/Elliott Road, Lismore.
- Port Hacking Road/The Boulevard/Kiora Road, Miranda (converted from traffic signals).
- Barrett Drive/Budgewoi Road Hargraves Road, Norahville.
- Best Road/George Street, Seven Hills.
- Best Street/Forsythe Street, Wagga Wagga.

So far, only preliminary studies of the cost-effectiveness of roundabouts have been made in New South Wales. However, early figures indicate a favourable trend towards fewer accidents involving personal injuries happening at roundabout intersections. (See Table 17.)

## Cycleways

The Department continued to administer grants to local Councils on behalf of the Minister for Transport for the construction of cycleways. The Government provides a 50% contribution to constructing Councils. During the year cycleways came into service in Armidale, Bowral, Broken Hill, Campbelltown, Canterbury, Killarney Vale, Moore Park, Mt. Druitt, Newcastle, Nowra, Port Stephens, Randwick, Shellharbour, and Tamworth.



Miscellaneous Projects

Twenty-nine other traffic management and safety projects were completed during the year, including guardrail installation, skid resistance improvements, intersection improvements, provision of additional lanes and bus bays, and median adjustments.

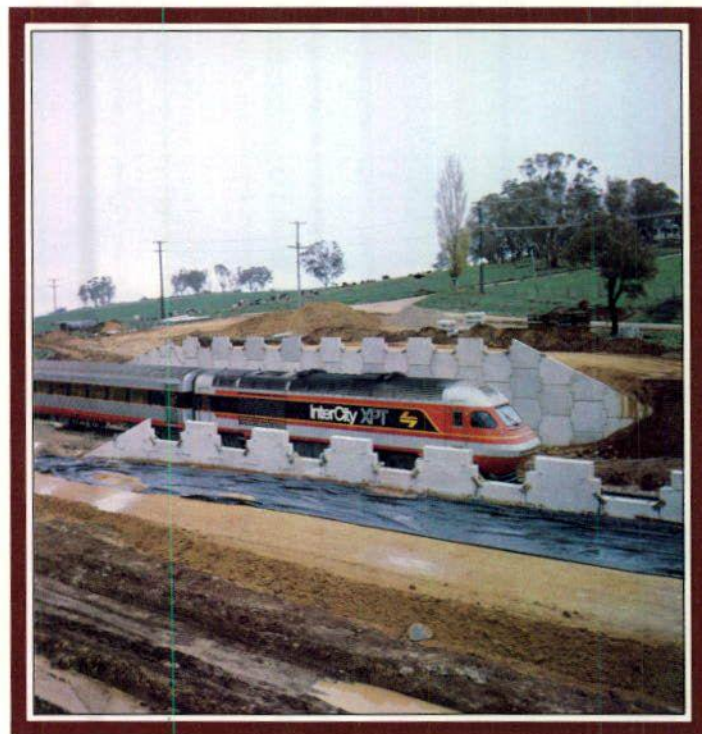
Traffic Surveys

Traffic Volumes

Traffic volume data come from counts taken at Departmental counting stations. At 30 June 1983 there were 163 permanent counting stations located throughout the State. There are also various monthly-count stations where the monthly variation of traffic volumes is determined by counting for one week in each month.

Traffic volumes are usually expressed as annual average daily traffic (AADT) volumes. An AADT volume represents the average number of vehicles passing a given point in both directions during a 24-hour period in a calendar year.

Traffic volume data are of prime importance to the Department's planners, and are also used by many external individuals and organisations operating in areas of planning, transport and business. The figures are published regularly on a provisional basis, and can be purchased from the



At Millthorpe, Blayney Shire Council has commenced construction of a bridge to eliminate the Nyes Gate railway level crossing (Main Road No. 245).

Department's Plan Room, telephone (02) 218 6824. In the last year results have been published for surveys in the Southern, Hunter Valley, North Western, Central Mountains (and Colo and Gosford), Upper Northern and Central Western Divisions and the County of Cumberland.

A performance indicator graph of recent over-all trends in traffic volumes can be found on page 8, titled 'Traffic Growth'. As might be expected, traffic counts generally continue to rise, with an average growth of between 3% and 4% per annum. The growth rate from 1981 to

1982 was 2.4% on rural roads and 2.1% on urban routes, giving an average growth of 2.2%. This lower-than-average growth rate can probably be attributed to the depressed economic climate of the last two years. (See page 39 under 'Finance' for a table showing the number of registered motor vehicles in N.S.W. over the last 14 years.)

Travel Times

Travel time measurement in the Sydney Metropolitan area involves surveying approximately 600 km of arterial roads in morning and afternoon peak traffic periods. Surveys are carried out three times a year (in March, July and November), amounting to nearly 1,000 individual surveys in a year.

Last year, the Department adopted a corporate objective of maintaining average traffic speeds of 40 km/h or above on its urban arterial road system. Table 18 shows the position for the calendar year 1982, for morning and evening peak period travel to and from Parramatta and the Sydney Central Business District (CBD). The distance surveyed refers to a combined total of various routes to and from Parramatta

and Sydney - 16 and 17 routes respectively - and is an attempt to give an overview of the current performance of the greater Sydney network. The table shows that more than half the arterial network already operates at above 40 km/h in peak periods.

Looking at the network performance in more detail, the accompanying bar charts show the proportion of traffic travelling above certain speeds on the seven main radial routes to the Sydney Central Business District. Examination of previous surveys indicates some improvement on most major routes, particularly bearing in mind that Sydney traffic volumes have been growing at a rate of between 3% and 4% per annum over the last two decades. This general improvement is illustrated in the performance indicator graph 'Sydney Travel Speeds' on page 8.

Continuous travel time monitoring has only recently been introduced in the expectation that the information obtained will provide a reliable measure of performance for the Sydney road system.

Railway Level Crossing Improvements

The elimination of railway level crossings is achieved by construction of overbridges, underpasses or major route deviations. These are high-cost projects and necessarily limited by availability of funds. The Department liaises with the State Rail Authority in the matter of roadworks required for the installation of flashing lights and warning bells (the responsibility of the rail authority). A senior engineering officer of the Department holds the position of Railways Liaison Officer to facilitate co-operation.

The number of railway level crossings on classified roads at 30 June 1983 was 336, the same as 12 months earlier. Although a

Table 17. Personal Injury Accidents per Year at Roundabout Intersections\*

	Before Installation	After Installation
Major roads — five locations on main and unclassified roads carrying significant volumes of traffic	19	3
Minor roads — seven locations on unclassified roads not carrying significant volumes of traffic	2	1
Total	21	4

\*Results are preliminary only and are unadjusted for sample error.

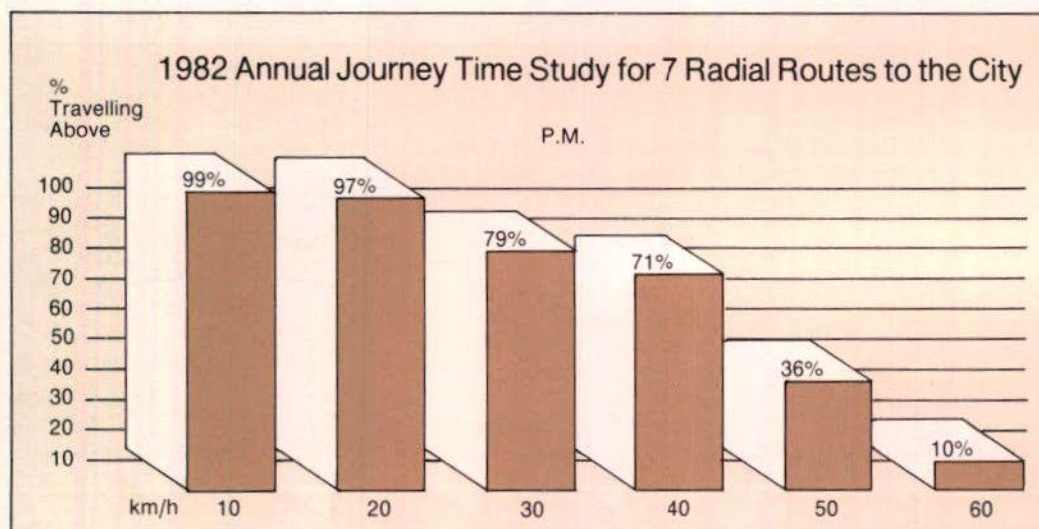
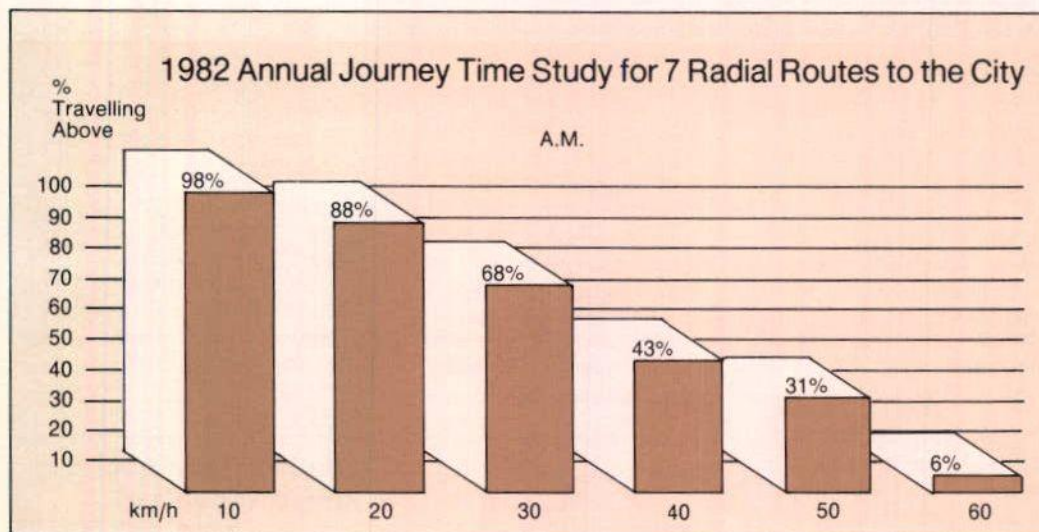


# Traffic Control and Safety Measures

**Table 18. Arterial Road Speeds in Sydney, 1982**

Peak Period	Route	Total Distance Surveyed*	Median Speed	Proportion of Route Travelled at 40 km/h or Above
		km	km/h	%
Morning	To Parramatta	289	39	52
	To Sydney CBD	312	33	62
	Average for both routes	(601) (total)	36	57
Evening	From Parramatta	291	41	58
	From Sydney CBD	314	39	47
	Average for both routes	(605) (total)	40	52

\* Aggregate of various routes.



crossing was eliminated at Tyagarah, a new crossing was established on the Mudgee to Muswellbrook road (Main Road No. 208) near Byalong. This was as a result of a new rail line built between Ulan and Sandy Hollow for coal haulage. Approach roads were adjusted and flashing lights and warning bells installed.

Works to eliminate or improve railway level crossings are summarised as follows:

- At Tyagarah on the Pacific Highway north of Ballina, a new railway overbridge was opened to traffic, allowing the permanent closure of a level crossing.
- At Rosehill, Sydney, work continued on the construction of a bridge to eliminate a level crossing on James Ruse Drive.
- At Singleton on the Putty Road, Singleton Shire Council continued construction of approaches to a new bridge over the Main Northern Railway Line. This will eliminate level crossing on John Street and Church Street.

Roadworks (by the Department or by Councils) leading to the installation of light and bell warning systems were completed at:

- Jeerabung (Trunk Road No. 6) and commenced at:
- Curlewis (Trunk Road No. 72)
- Uralla (Trunk Road No. 73)
- Shellharbour (Main Road No. 522)
- Harefield (Local Road)

At Mascot the Department completed widening of General Holmes Drive (Main Road No. 194) between Botany Road and Joyce Drive prior to installation of half boom barrier.

Other roadwork improvements to level crossings were carried out at:

- Stonehenge (New England Highway)
- Barraba (Trunk Road No. 63)
- Maimuru (Main Road No. 239)



Maintenance

The approximate area of steelwork repainted during the year was 24000 square metres, compared with 19000 square metres the previous year. The increase is largely due to improvements in access and equipment, and to an increase in the maintenance workforce. The workforce now stands at 70 (65 last year) and comprises 34 scrapers, 16 painters, 8 riggers, 2 boilermakers (including apprentice), 2 fitters, 2 carpenters, 2 plasterers, and 2 crane drivers. As well as routine maintenance of the Bridge, its approaches and all associated equipment, several projects to improve security, productivity and access were completed or begun. These projects included the renovation, extension and motorisation of centre and wing gantries at the South Pylon. Consultants were engaged to design a 35-metre gantry capable of access to all parts of the arch. This will replace the four arch cranes and will cost an estimated \$750,000.

Driver Aid Scheme

The Sydney Harbour Bridge Driver Aid Scheme is intended to achieve a comprehensive traffic control system involving movable medians, overhead lighting, variable message signposting, improved fixed destination signposting, and closed-circuit TV monitoring. When completed, all facilities will be controlled by a central computer under continuous planned surveillance. The automatic lane-changing system will result in increased line capacity on the Bridge and its approaches, while smoother merging of traffic will result from solid medians, improved lane



Painting the Harbour Bridge was accomplished in only a few days by this artist. A spectacular mural, of which this is a small section, has been painted on the Bridge's own southern approach walls at Cumberland Street.

delineation and fast, flexible signposting. During 1982-83, progress was made in the following areas:

- Overhead lane control devices - those tested were not visible enough and will be replaced by large signs of retro-reflective material.
- Design - detailed circuit plans have been completed for the control of medians and signs for the south-side plaza (Stage 1). Design for computer interfacing and interconnection is in hand. Manufacture of signs is proceeding, and various items of equipment have been delivered, including electric cables and a diesel generator.

Expenditure on the scheme during the year was approximately \$312,000, making the total expenditure to date \$3.04 million.

Emergency and Patrol Service

Motorists in difficulties on the Harbour Bridge and its approaches may be aided both by the emergency telephone system connected to the Toll Office and by the Department's Traffic Patrol Service. Improvements to the emergency telephone system are planned, in conjunction with installation of other Driver Aid facilities. Table 19 shows a comparison of numbers of vehicles assisted by the Traffic Patrol Service over the last four years, and the causes of breakdown. Unfortunately there has been a 29% increase in cars running out of fuel. The cost of providing the service in 1982-83 was approximately \$1.7 million. (For full financial information on the Harbour Bridge, see pages 44 and 45 under 'Finance'.)

Traffic Volumes

Table 20 shows traffic volumes on the Harbour Bridge at selected intervals over the last 10 years, together with the percentage increase/decrease between 1981 and 1982. It should be noted that these figures are for the calendar year indicated, and that the directional peak hour volumes were selected during the hour of the highest combined volume.

Table 19. Breakdowns on Sydney Harbour Bridge and Approaches, 1979-80 to 1982-83

Cause of Breakdown	Number of Breakdowns			
	1979-80	1980-81	1981-82	1982-83
Mechanical breakdown	1,585	2,167	1,905	1,814
Out of fuel	1,791	1,204	988	1,273
Flat tyre	467	351	338	322
Accident	391	404	294	178
Abandoned	17	158	113	72
Totals	4,251	4,284	3,638	3,659



# Sydney Harbour Bridge

**Table 20. Sydney Harbour Bridge Traffic Volumes, 1972-1982**

	1972	1976	1980	1981	1982	1981-82 Increase decrease %
<b>Annual Totals</b>						
Annual total northbound	25,750,750	27,375,000	29,736,550	31,028,650	31,338,900	+ 1.
Annual total southbound	23,962,250	25,929,600	28,243,700	29,718,300	30,054,100	+ 1.
Annual total road vehicle crossings	49,713,000	53,304,600	57,980,250	60,746,950	61,393,000	+ 1.
<b>Daily Traffic Volumes</b>						
Annual average northbound traffic	70,550	75,000	81,470	85,010	85,860	+ 1.
Annual average southbound traffic	65,650	71,040	77,380	81,420	82,340	+ 1.
Annual average daily traffic	136,200	146,040	158,850	166,430	168,200	+ 1.
Maximum daily traffic	167,970	179,070	200,500	206,400	208,710	+ 1.
<b>Average Peak Hour Volume</b>						
In direction of major flow						
Morning	10,050	9,850	10,050	9,890	10,320	+ 4.
Evening	9,420	9,160	9,300	8,990	9,380	+ 4.
In direction of minor flow						
Morning	3,230	3,410	3,730	3,770	3,790	+ 0.
Evening	3,290	3,880	4,000	4,540	4,620	+ 1.
<b>Maximum Hourly Volume</b>						
In direction of major flow						
Morning	10,800	10,920	10,850	10,820	11,140	+ 3.
Evening	10,400	10,350	10,740	10,680	10,720	+ 0.
In direction of minor flow						
Morning	3,550	3,740	4,340	4,610	4,610	0.
Evening	3,650	4,380	5,230	5,390	5,730	+ 6.



## Survey and Acquisition of Land and Property

### Surveys

Last year's surveys for the purpose of land acquisition totalled 131, and covered a distance of 206 km. This compared with the 1981-82 figures of 114 surveys covering 11 km.

Control surveys were carried out on 362 km of State Highways and Main Roads based on the State Geodetic Network, an increase of 201 km over the previous year's total. The surveys provide co-ordinated and heighted marks on the State's Integrated Survey Grid to establish an accurate basis for control of other surveys, land acquisition, road design and construction.

### Acquisition of Land and Property

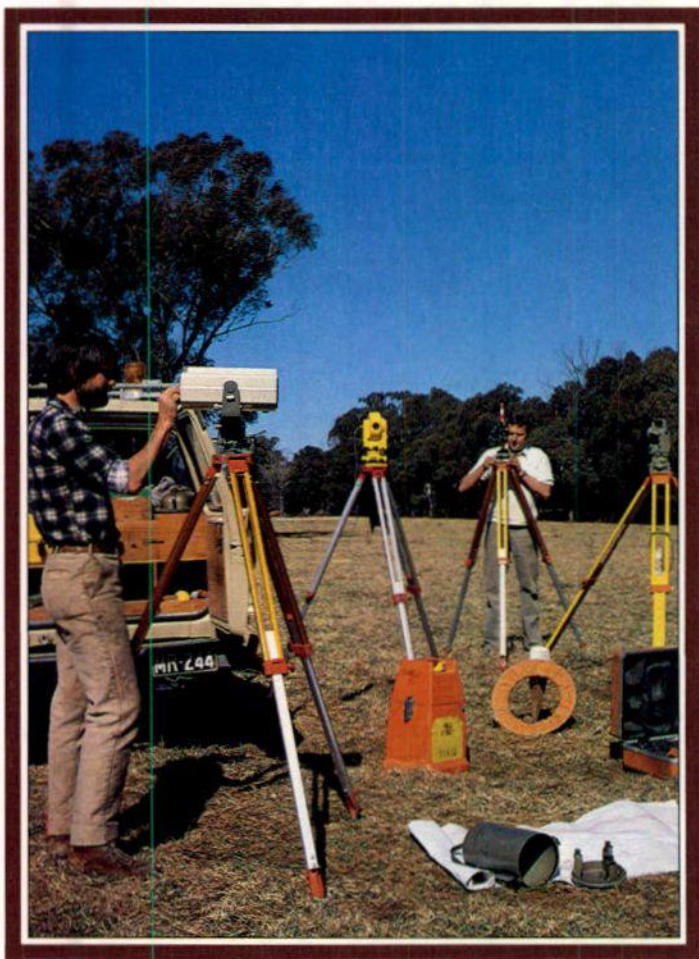
The purchase of real estate is often a necessary aspect of the Department's activities, whether rural or highly developed urban areas.

There are four methods of acquisition used by the Department:

**Negotiation** for purchase by private treaty is the preferred and most common method. Most negotiations reach agreement and are settled in the usual manner by contract and transfer.

**Resumption** is used only when negotiations for purchase have failed to reach agreement, or without the consent of the owner. Compensation is assessed by the Valuer-General (with the owner having rights of appeal).

**Realignment** is a means of reserving land adjoining a main road to allow for future widening of the road boundaries. Although the owner retains ownership of the land, realignment prevents any development of the land



Departmental surveyors involved in route investigations near Mittagong.

which would preclude its use for road purposes. At such time as the owner removes all improvements from the land, it automatically becomes vested in the Council for Public Road, and compensation (assessed by the Department) is payable.

- **Appropriation** is a statutory process used to acquire unalienated land vested in other

government departments and instrumentalities. Compensation is usually negotiated between the Department and the organisation concerned.

All compensation is assessed on the basis of current market values, plus reimbursement of necessary expenses. It is gratifying to note that the Real Estate Institute of Australia has

praised the Department for its realistic approach to compensation.

During 1982-83, the Department acquired 580 properties, mostly by negotiation. Forty acquisitions were initiated on the grounds of hardship. Forty resumptions were settled and 81 land parcels vested under the realignment provisions of the Main Roads Act. Total expenditure on these acquisitions was \$28.43 million, a reduction from the previous year's total of \$40 million for 754 properties.

### Sale of Properties

Surplus properties no longer required for roadworks were sold during the year to produce a return of \$5.15 million. Sales the previous year totalled \$3.02 million. This income is redirected to roadworks.

A number of these dwellings were purchased by the Housing Commission of N.S.W. for use in their emergency accommodation program. The Commission also bought some 70 properties in the Lyndhurst College Estate, Glebe, no longer required for freeway construction. It is understood that these will be restored to provide attractive and much-needed accommodation in the Glebe area.

Table 21. Income-producing Properties at 30 June 1983

	Sydney Metropolitan Area	Country Areas	Total
<b>Properties acquired for future roadworks</b>			
Residences	1,348	186	1,534
Commercial and industrial properties	186	—	186
Unimproved land	304	—	304
<b>Staff residences*</b>	—	256	256
<b>Totals</b>	<b>1,838</b>	<b>442</b>	<b>2,280</b>

\* Provided in country areas only, to house certain staff who are subject to frequent transfer.



**Table 22. Use of Emergency Services, 1982-83**

Reason for Call	F3 — Berowra-Calga Tollway		F6 — Waterfall-Bulli Pass Tollway		F5 — South Western Freeway	F4 — Western Freeway*	Totals
	Telephone	Patrol	Telephone	Patrol	Telephone	Telephone	
Mechanical Breakdown	2,434	3,340	985	2,338	3,953	291	13,341
Accident	81	155	10	46	46	8	346
Tyres	540	1,068	177	601	375	29	2,790
Overheating	743	1,410	243	993	966	22	4,377
Out of Fuel	520	937	172	374	530	74	2,607
Road Hazard	10	10	0	22	102	11	155
Miscellaneous	79	79	3	62	614	50	887
Sub-total	4,407	6,999	1,590	4,436	6,586	485	24,503
Totals	11,406		6,026		6,586	485	24,503

\* Concord to Auburn and Harris Park to Mays Hill sections only, operating since December 1982. Emergency telephones on other sections of the F4 are connected to Penrith Police Station.

## Tenanted Properties

At 30 June 1983, the Department owned 2,280 income-producing properties at various locations throughout the State. Details are shown in Table 21. Properties acquired for future roadworks are, if possible, tenanted in order to provide an interim income and an amenity to the local community.

The Department's net income from rents during 1982-83 was \$3.15 million. Rentals of properties acquired for future roadworks are set at current market rates. The previous practice of making annual adjustments based on Consumer Price Index variations has been discontinued. It is now proposed that reviews be carried out by Departmental valuers at intervals of no longer than two years.

Residential properties available for rental are usually offered to the Emergency Accommodation Unit of the Housing Commission of N.S.W. in the first instance. At present the Commission rents 223 of the Department's properties. If not required for emergency accommodation,

and if no suitable tenant can be located by the Department, dwellings are placed in the hands of local estate agents for them to arrange and maintain a tenancy.

Commercial and industrial properties which become available are offered initially to the newly-formed Property Management Unit attached to the Premier's Department. If not required by the Unit, such properties are normally leased by public tender.

## Property Inquiries

The Department last year dealt with 135,375 written inquiries about the effects of proposed roadworks on land and properties. This was a decrease of 12% from last year's figure of 153,777 written inquiries. Of the total, 73,978 inquiries concerned land and property within the County of Cumberland, and the remaining 61,397 referred to locations elsewhere in the State.

As from 1 October 1983 it will be necessary to attach a \$5 N.S.W. Duty Stamp to each Application for Property Information, to meet increasing costs of administration.

## Emergency Services

As well as operating an emergency and patrol service on the Sydney Harbour Bridge (see page 57), the Department provides assistance to motorists on the F3 - Berowra-Calga Tollway, the F4 - Western Freeway (Concord to Auburn and Harris Park to Mays Hill sections), the F5 - South Western Freeway, and the F6 - Waterfall-Bulli Pass Tollway.

Emergency telephones installed along each route allow drivers to request assistance, through either the Department's Traffic and Emergency Centre, Oxford Street (for the F4 and F5 Freeways) or the appropriate Tollway Office. Each Tollway also has a supplementary traffic patrol service of its own.

The provision of emergency services during 1982-83 cost \$542,400. The use of services is detailed in Table 22.

## Landscape Planting

The Department planted more than 15,000 trees and shrubs during the year, a 26% increase

on last year's plantings. More than 10,000 of these were alongside the recently constructed sections of the Western Freeway.

Other significant plantings were carried out beside the F3 - North Western Freeway at Darling Harbour (a continuation of last year's work); on the F5 - South Western Freeway; and on Alford's Point Road, Padstow.

There was an increase in the proportion of planting done by contract as compared with direct labour, and a change of emphasis from country to metropolitan locations.

Following the closure of the Department's Yennora Nursery at the end of October 1982, all planting stock has been purchased from external sources.

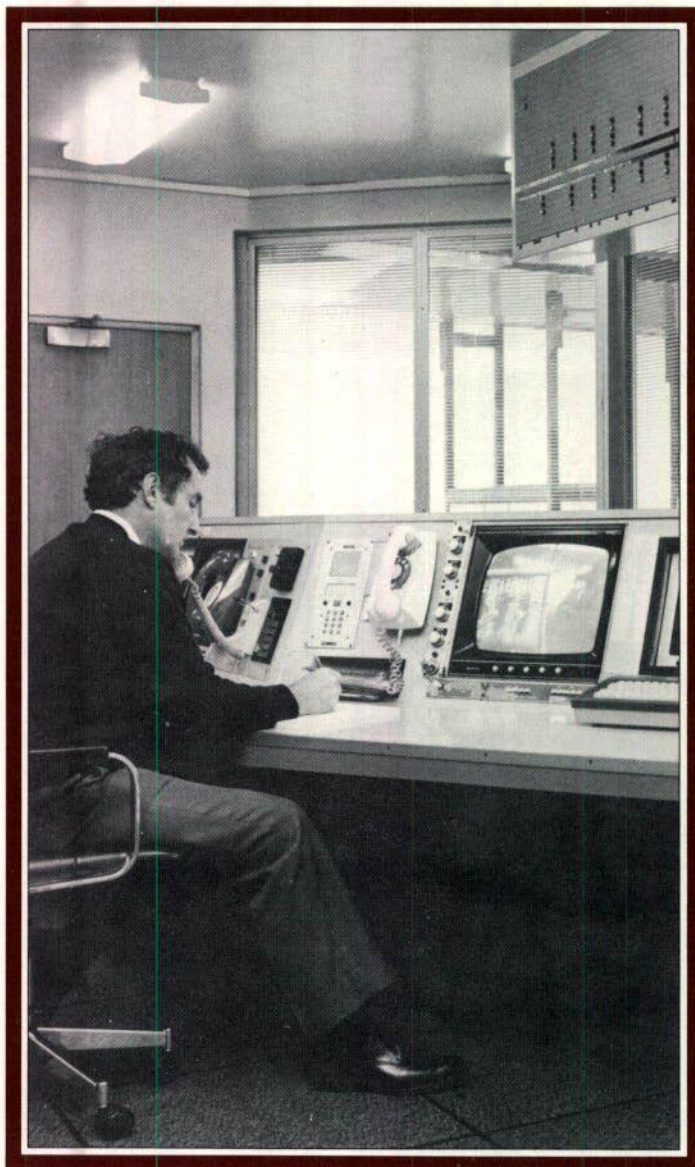
With the assistance of the Department of Agriculture, the Department has introduced formal training for Foremen, Gangers and Operators in the use of herbicides for weed control. This has increased general awareness of the need for the preservation of the environment and also of safety and health considerations.



## Control of Overloaded Vehicles

Load limits for heavy vehicles (that is, over 4 tonnes) are enforced by means of Ordinance 30C of the Local Government Act, 1919. (See 'Legislation', page 65, for amendments to Ordinance 30C.) Permits may be issued in some cases for indivisible heavy loads. The Department now employs 12 Weight of Loads Inspectors, operating at permanent weighing stations, weighbridges, or in mobile patrols equipped with portable weighing devices. On 1 December 1982, the Department assumed control of the 24-hour heavy vehicle checking stations at Berowra and Marulan. These were previously administered by the Department of Motor Transport. Checking operations and action taken over the last five years are summarised in Table 23.

Of the 9,561 vehicles reported overloaded, 44 were found to be grossly overloaded and were required to reduce their loads before proceeding. The highest weight encountered was 66 tonnes, 10% over the legal limit of 60 tonnes. This, however, represents an 800% increase in damaging power, being equivalent to 9 trucks with legal loads.



*Inside the Waterfall-Bulli Pass Tollway Office on the F6 — Southern Freeway.*

Last year an estimated \$24 million was spent on maintenance work as a direct

result of damage caused by overloaded vehicles. This money was thereby diverted from other

worthwhile road construction projects.

## Overloading and Safety

Not included in the above estimate is the hidden cost of road accidents, contributed to by overloading. Heavy vehicles carrying severe overloads run a significant risk of brake failure on steep descents, and other structural components may fail when subjected to undue stress. It is not only the driver who may suffer if such an accident occurs.

Another potential catastrophe is the collapse of an older type of bridge, never designed to bear weights of the magnitude imposed by some overloaded trucks.

## Fines

During the year the Department began to prosecute owners as well as drivers of overloaded vehicles. In some cases, maximum fines of \$1,000 for the first offence and \$2,000 for second and subsequent offences have been imposed on owners.

However, the total of fines collected approximates only about one-twelfth of the cost of road damages borne by the community because of overloading. It appears that, in general, fines are too low either to compensate for damage caused to roads or to have a real deterrent effect.

**Table 23. Control of Overloaded Vehicles, 1978-79 to 1982-83**

Weight Checks and Penalties	1978-79	1979-80	1980-81	1981-82	1982-83
Vehicles stopped and checked	52,312	66,329	71,546	75,760	638,527*
Vehicles reported overloaded	6,290	7,026	6,602	8,104	9,561
Drivers prosecuted for failing to obey a lawful direction	74	72	58	90	84
Prosecutions authorised	6,055	8,183	6,942	8,130	9,229
Number of convictions recorded	6,216	5,514	7,353	6,437	6,069
Total penalties imposed (including Court Costs)	\$1,794,489	\$1,398,997	\$2,153,144	\$1,840,992	\$1,972,023
Average penalty imposed (including Court Costs)	\$289	\$254	\$293	\$286	\$325
Number of maximum penalties imposed	11	1	3	2	5

\*Increase reflects takeover of Berowra and Marulan Heavy Vehicle Checking Stations from DMT.



## Research and Development

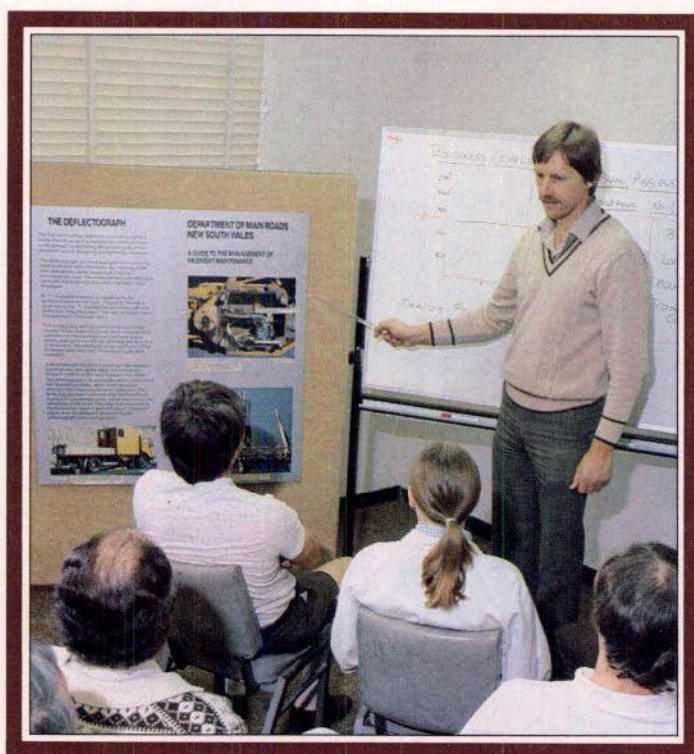
In early 1983 a Research and Development Section was formed to co-ordinate and implement these activities within the Department.

Research, however, has always been an integral part of many of the Department's operations, and there is an on-going planning and research program covering a wide range of activities. Included are the investigation and testing of new materials and new methods of road and bridge construction and maintenance, as well as the planning and associated data acquisition.

Other program activities involve laboratory studies, literature surveys, the manipulation of data and, in some cases, the engagement of specialist consultants. Last year the sum of \$5.34 million was spent on research.

A separate Research and Development Report is prepared annually to record progress under the following general categories:

- Soils and Flexible Pavements
- Stabilisation
- Compaction and Consolidation
- Surfacing Materials and Methods
- Bituminous Plant Mix Technology
- Portland Cement Concrete Pavements
- Portland Cement Concrete
- Paints, Coatings and Roadmarking Materials
- Test Equipment and Procedures
- Miscellaneous Materials and Investigations
- Bridges
- Survey and Design
- Traffic Planning and Control
- Environmental Matters.



*In-service training is an important activity at the Department's Materials and Research Laboratory.*

This report is intended principally for use within the Department, but a limited number of copies are distributed externally, to other State Road Authorities and to the libraries of selected academic institutions.

Projects of particular interest during the past year included the following:

- Design and construction of the full-scale pavement Accelerated Loading Facility developed for the National Association of Australian State Road Authorities (see page 63, under 'Central Workshop Services'). The unit will be used jointly by the Australian Road Research Board and the State Road Authorities throughout Australia.
- Development of rolled concrete as a non-erodable sub-base.
- Refinement and use of rubber bitumen in pavement seals and other applications.
- Re-cycling of reclaimed asphalt.
- Development of specifications for concrete paving, and standards for various bridge components.
- Preparation of guidelines for various technical procedures.

- Developments in survey and design, including infra-red and multi-band remote sensing of gravel deposits; investigation of road subsidence related to coal mining operations; and study of methods of measuring bridge deflections under dynamic loads.

- Improvements to the system of inductive loops for vehicle detection at traffic signal-controlled intersections.

## Materials Testing

There was a 10.5% increase in testing at the Materials and Research Laboratory last year, largely as a consequence of testing concrete samples from major concrete pavement projects in the metropolitan area.

Other materials tested included steel, bitumen, paint, aggregates and plastics. The regular incidence of samples failing to meet specifications demonstrates the need to maintain this form of quality control.

Pavement monitoring surveys were carried out throughout the State to measure skid resistance, pavement roughness and deflection under

loading, and the results were made available to Divisions. These data are intended to form the basis for a comprehensive pavement maintenance system.

Divisional and field testing generally decreased over the year by about 12%. In some areas, an emphasis on quality control for contract roadworks led to a reduced level of materials testing on works of lower priority. The Department is encouraging Councils to undertake their own testing wherever possible and provide training in Departmental testing procedures for Council officers.

The current emphasis on rehabilitation of existing pavements has resulted in more field investigations and pavement monitoring surveys. Testing of non-standard gravel stabilised materials and crushed rock is also on the increase, as sources of natural gravel continue to be depleted.

## Purchase of Goods and Materials

Last year the Department spent a total of \$48.66 million on the purchase of raw materials and manufactured goods. Of this, State Government contracts accounted for just over \$13 million with \$56,500 representing purchases from the Government Stores Department. Purchases (by invited quotations) from 'non-in-contract' suppliers had a total value of \$35.62 million.

Major items of expenditure are listed in Table 24, with approximate quantities and costs.

It is proposed to make greater use of computer control in the Supply Section's activities. This will be particularly useful in monitoring stock levels, and will generally increase efficiency and cut operation costs.

## Energy Management

The Department's energy management activities continued to achieve greater



efficiency in the use of energy. In 1982-83, the Department is complying with the policy initiatives of the State Government's Energy Management Program.

Continuing emphasis has been given to electricity conservation. Internal restrictions were applied to space heating, cooling and air-conditioning, as well as to interior and exterior lighting (where safety was not a factor). Consumption figures were monitored monthly to aid the Government's assessment of its short-term electricity conservation measures.

Reports from the Department's major power-using premises indicate that there has been an overall saving of 10% in electricity consumption during 1982-83 compared to the previous year.

The Department's Head Office complex last year accounted for 10 million kilowatt hours which was a reduction of 8.25% compared with the previous year's figure.

Consideration is being given to passive solar screening devices as part of a building energy management strategy.

The general decrease in consumption of liquid fuels continued. Contributing factors were a decrease in field activity involving Departmental plant; the shift to smaller capacity engine light vehicles; the continuing transition to diesel-engine heavy vehicles; and a heightened awareness of more energy-efficient driving techniques. It is expected that the increased emphasis on motor vehicle management will continue.

The Department continued to upgrade fuel storage and to establish strategic stockpiles of liquid fuels in line with the State Government's Energy Policy (1979). As a result, fuel supply disruptions during the year had little effect on the Department's operations.

Assistance was given to the Energy Authority of N.S.W. on

**Table 24. Major Items Purchased, 1982-83**

Item	Quantity	Cost
Crushed rock and sand	663 838 tonnes	\$8.93M
Aggregate	236 298 tonnes	\$6.60M
Concrete	6 198 tonnes	\$5.08M
Signs, guidance devices and pavement markers	1,058,943	\$2.82M
Linemarking paint	1 352 938 litres	\$2.74M
Spherical glass beads	597 600 kilograms	
Traffic facilities equipment		\$1.54M
Timber	6 661 metres	\$0.65M
Steel	619 tonnes	\$0.48M
Total		\$28.84M

various projects, including: dynamometer testing of diesel-powered light vehicles; operational trials of electrically powered vehicles; and comparative testing of commercially available forms of fluorescent lighting.

## Plant and Motor Vehicles

Purchase of large plant was again reduced, from an expenditure of \$11.8 million in 1981-82 to \$10.8 million last year. This was because of funding limits and fewer projects being constructed by the Department's own workforce.

The heavy plant fleet was therefore reduced by approximately 8% during the year, and its replacement value dropped accordingly from \$86 million to \$80 million.

Four auction sales, held to dispose of worn-out and surplus plant realised a total of approximately \$2.3 million.

Approximately \$1.9 million and \$1.1 million were spent on the purchase of trucks and light motor vehicles respectively. In all such purchases there was emphasis on selecting vehicles with greater energy conservation potential, and on supporting local industry.

## Central Workshop Services

Jobs completed by Central Workshop during the year totalled 11,263 with a value of approximately \$13.14 million.

The Workshop's activities were proportioned as follows:

Property repairs, furniture manufacture, general building and carpentry work	34%
Manufacture of signs, sign structures and other traffic facilities	15%
Manufacture and repair of plant and overhaul of ferries	16%
Plumbing and electrical services	3%

Structural steelwork and reinforcing steel for bridges	11%
Special projects and other miscellaneous work	15%
General transport services	6%

The year's activities included:

- The completion of renovation, extensions and upgrading of services to the Traffic Signals Workshops at Rhodes.
- The construction and erection of a new control cabin on Glebe Island Bridge. The original cabin, built in 1901, was destroyed by fire in 1982. The replacement was as faithful as possible to the original design.
- The manufacture of 22,767 direction, information and

warning type road signs and 33,127 parking signs.

- The fabrication of 281 tonnes of steel girders and handrails for use in bridge construction.
- The cutting and bending of 585 tonnes of steel reinforcement for concrete bridges and culverts.
- The full-scale pavement Accelerated Loading Facility, described in last year's report, went into manufacture at Central Workshop during 1982-83. Following the completion of detailed design plans, fabrication of the main frame and associated steelwork was commenced. (This unique machine was developed by the Department under the sponsorship of the National Association of Australian State Road Authorities. It will be able to determine the life of a test road pavement in only a few months, thereby allowing engineers to confirm or modify pavement design specifications. See article in *Main Roads*, June 1983, Vol. 48 No.2, pp. 46-47).

## Ancillary Services

The Department has an essential 'behind-the-scenes' workforce, engaged on routine maintenance and improvement of Departmental buildings and other installations. Projects of particular interest last year included the following.

### Mechanical

Modifications to Head Office air-conditioning plant and control systems continued, with the aim of providing a more effective and energy-efficient service. Contracts for the maintenance of the air-conditioning plant were cancelled and all preventive maintenance work is now done by Departmental staff, resulting in significant savings.

### Electrical

Street-lighting designs were completed for intersections and interchanges of the F3 - Sydney-Newcastle Freeway and the F4 - Western Freeway.



Assistance was given to the Road Construction Authority (formerly Country Roads Board) of Victoria. The Authority is installing a freeway emergency telephone system similar to that provided by the Department on sections of freeway in New South Wales.

### Communication

A new VHF base station was established at Ballina and investigations were undertaken for additional base station sites at Bomaderry and Narrandera.

### Electronics

Improvements to the data communications for the Sydney Harbour Bridge Toll System were commenced. At Waterfall, all automatic toll machines have been refurbished and old auto machines are being replaced.

A single board micro-computer has been developed for the Department's use and is being applied to linemarkers controls and data communications.

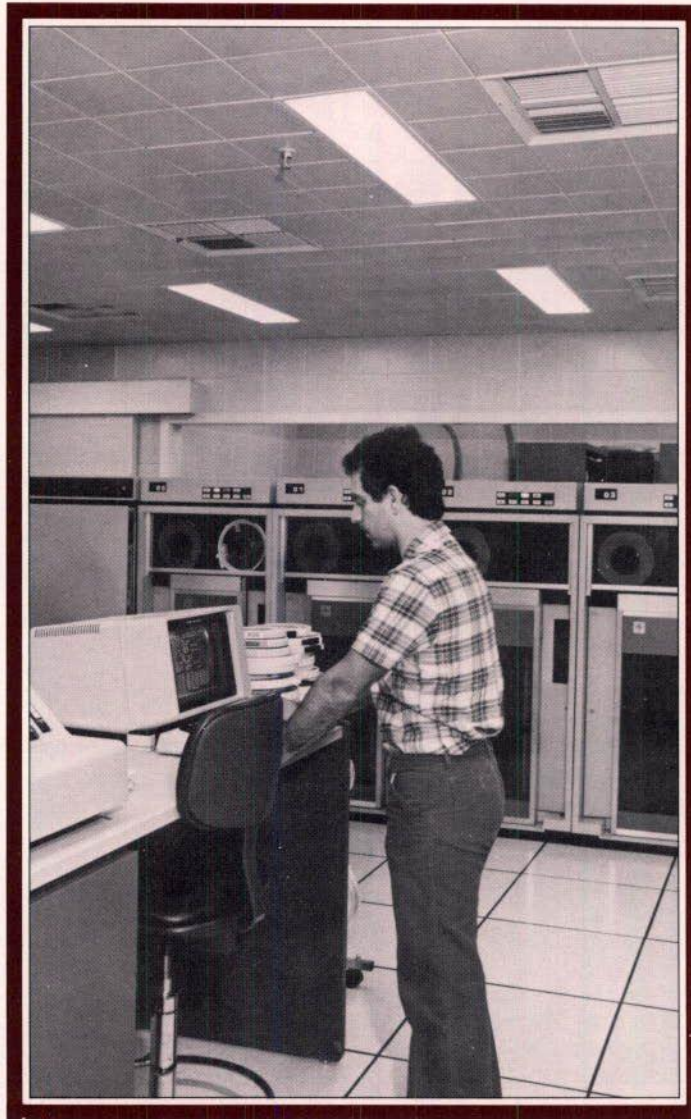
## Communication and Information Services

### Technical Computing

There is a continuous demand for the Technical Computing Section's computing, plotting and programming services, and consideration is being given to updating the technical Cyber computer.

Additional terminal equipment and desktop computers were acquired during the year. Terminals were installed or scheduled for installation for the first time in Divisional Offices at Blacktown, Port Macquarie and Wagga Wagga, and additional units were installed at Parramatta and Goulburn Divisional Offices and Day Street Office.

Sixty permanently connected terminals are now installed or scheduled for installation throughout Head Office and in ten of the Department's eighteen Divisional Offices.



*The Department's newly-installed Sperry Univac computer, now in operation.*

Portable terminals have also been temporarily assigned to Tamworth and Deniliquin Divisional Offices for which an additional dial-up toll-free line has been scheduled for installation to reduce communication costs.

The Department's training program for computer users and programmers continued throughout the year, using an extensive series of video-based training modules. There is still difficulty in recruiting programmers.

### Electronic Data Processing (EDP)

The EDP (Commercial) Section provides a range of data processing services to assist the

Department's accounting and administrative procedures. Major systems that are continuously maintained and processed on behalf of the user areas include Staff (Salaries, Superannuation and Leave), Wages, Weight of Loads, Stock, Departmental Plant, Haulage/Hired Plant, Accounting and Communications.

In January 1983, a Sperry 1100/61 Model H2 computer system was installed in Head Office to replace the twin Honeywell 2060A mainframe computers, and conversion of programs has been carried out by Sperry staff. All code has now been converted and all systems are going through acceptance testing and parallel running before going into full production

on the Sperry equipment. The main frame system supports terminals in Head Office Sections and an interface to the Telex Network permits access to all field offices for data transmission.

A Honeywell Level 6 Model 47 mini-computer provides word processing facilities to eleven Head Office sections and the NAASRA Secretariat. It also supports a cataloguing system for the Library and a registration system for political correspondence.

Data preparation facilities were again in demand. Peak loads were handled by sending work out to commercial bureaux, and additional data preparation staff were recruited during the year.

## Library Service

The Library Service comprises Head Office Library and 17 Divisional Office Branch Libraries. At 30 June 1983, total holdings stood at 81,109 publications.

During 1982-83 the Library acquired a new dial-up terminal so that access to the International Road Research Documentation (IRRD) database was re-established. Library staff also worked with Electronic Data Processing staff to develop a new on-line cataloguing system. As well as speeding up data entry, this should facilitate production of library bulletins and Divisional Office catalogues. The Technical Computing Section has also been developing a new on-line book loan system to streamline loan procedures.

The Library continued to provide a reference service to the public, mainly to engineering students from universities and colleges. It also played host to library students from Kuring-gai College of Advanced Education, University of New South Wales and Sydney Technical College who were interested in the workings of a government special library.



## Legislation

### Main Roads Act, 1924

Amendments to the Main Roads Act, 1924 were made by the Main Roads (Abandoned Vehicles) Amendment Act, 1982 which came into operation on 21 December 1983.

This action was part of a general legislative scheme which involved amending a number of Acts to confer powers on certain Government departments and Councils in respect of the disposal of abandoned vehicles.

New sections, 48D and 48E, were inserted into the Main Roads Act, empowering designated officers (appointed by the Commissioner) to dispose of vehicles abandoned on:

a road or land along or near the line of a road or proposed road.

any land vested in the Commissioner.

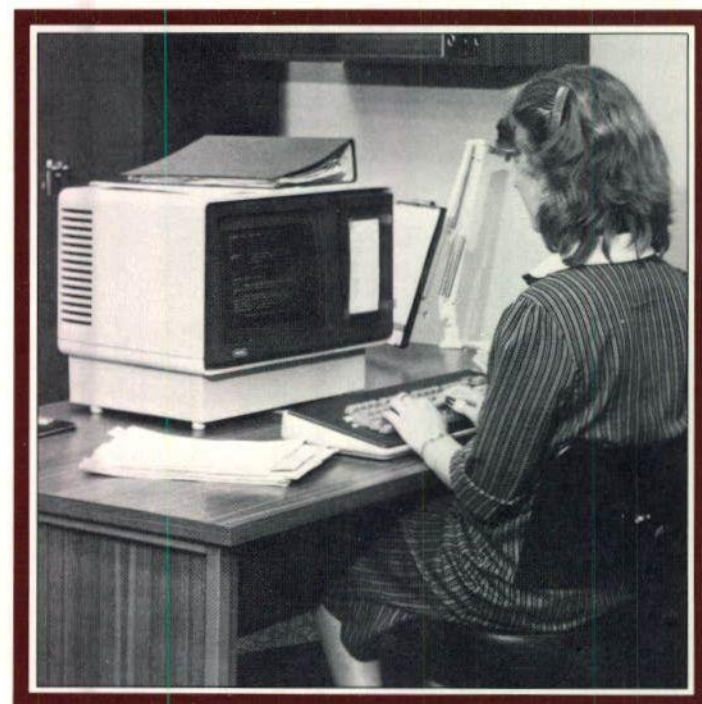
any bridge or ferry vested in or subject to the administration or control of the Commissioner.

A designated officer may seize and take custody of an abandoned vehicle; take it to an appropriate place; and, after notice to the police and (if its value exceeds \$250) in a local newspaper, destroy or otherwise dispose of it. However, if an applicant can prove ownership and pays certain expenses, the abandoned vehicle will be released from custody.

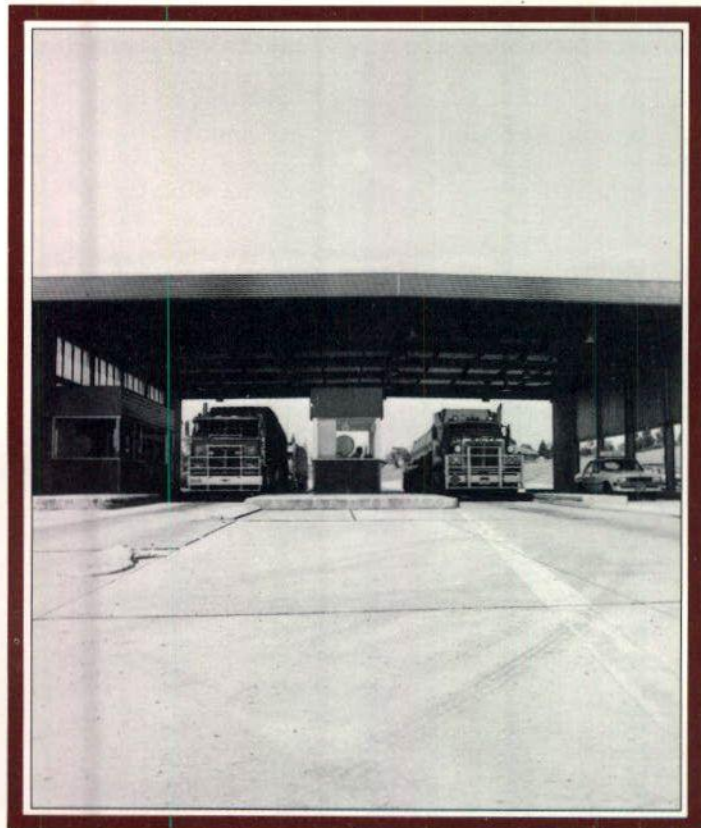
Section 48E provides for the disposition of money paid to the Commissioner in connection with the disposal of a vehicle. If money paid to the Commissioner has not been paid to the owner within 12 months, it is paid to the Treasurer.

### Motor Vehicles (Taxation) Act, 1980

The Motor Vehicles (Taxation) Act, 1980 provides for the annual automatic adjustment of the amounts of motor vehicles tax in accordance with a formula contained in a Schedule



Processing legal documents on the Legal Section's Wang computer system.



Loaded trucks being weighed at Marulan Heavy Vehicle Checking Station.

to the Act. The formula is based on indexes published by the Australian Statistician.

The Motor Vehicles (Taxation) Further Amendment Act, 1982,

which came into effect on 15 December 1982, amended the formula and the power of the Governor to make regulations.

To avoid the need for a new Act

to amend the formula each time the indexes are revised, the Governor is empowered to amend the formula by regulation. This is done by omitting reference to an index which is no longer published or has its basis adjusted or its nature altered, and substituting a new index similar in nature to the one so deleted, adjusted or altered.

### Ordinance No. 30C (Local Government Act, 1919)

Ordinance No. 30C, which prescribes the load limits of vehicles using main roads, was amended by proclamation in the Government Gazette dated 4 February 1983.

The amendment provides a mandatory requirement for a heavy vehicle (a vehicle with a tare weight in excess of four tonnes) to be driven into a heavy vehicle checking station and to remain there to permit it and any load on it to be inspected, measured or weighed.

## Legal Services

Until 1983, the Legal Branch was divided into four major sections, as follows:

- Conveyancing
- Common Law and Prosecutions
- Construction and Administration Contracts
- Resumption

However, in April 1983 a new section called Corporate Advice and Office Systems was established.

As well as assisting the Chief Legal Officer in the passage of legislation, the section is concerned with the review, development and introduction of office systems in the Legal Branch, particularly in the fields of communication, and information retrieval and handling.



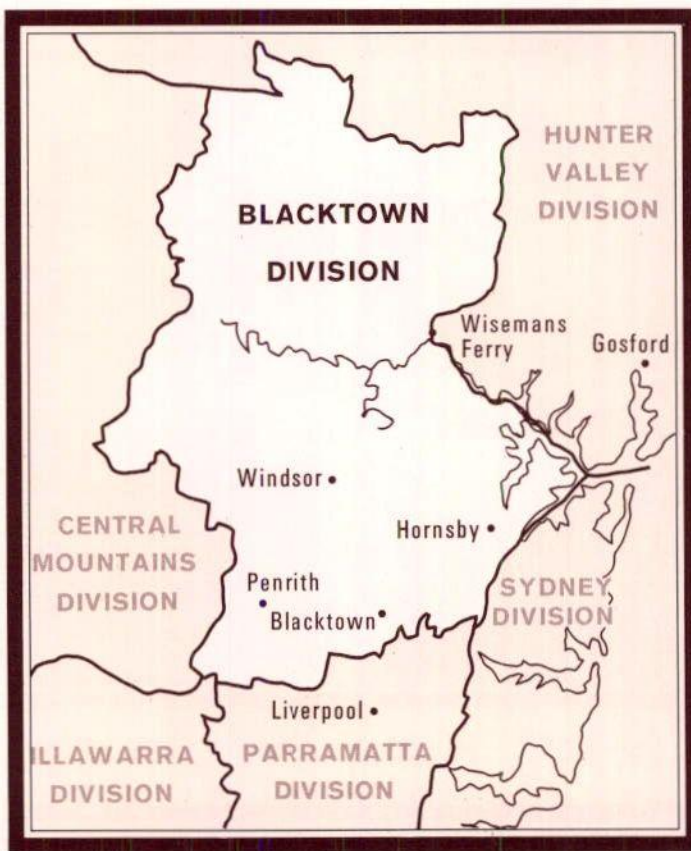
## Personnel Branch

A major re-organisation of the Department's administrative functions took place during the year, culminating in the establishment of a Personnel Branch in May 1983. The new Branch takes over responsibility for personnel, staff and industrial matters, previously handled by sections in both the Secretarial and Engineer-in-Chief's Branches. The decision to re-group these functions followed a period of investigation which included a study of personnel practices in other organisations, in both the public and private sectors.

The new Personnel Branch is expected to provide the following advantages:

- A new Branch Head (Chief, Personnel Branch) specifically responsible for developing personnel and industrial policies and guidelines, in consultation with other Branch Heads.
- Independent personnel and industrial services to implement those policies and guidelines.
- An impartial approach to the allocation of staff, particularly clerical staff, to Branches.
- Improved professional management practices flowing from better career opportunities for staff wishing to specialise in the areas of personnel management and industrial relations.
- Improved uniformity in employment conditions throughout the Department.
- A quicker and more positive industrial relations response to the needs of a changing work environment.

At the moment, the Branch's individual sections are located in different areas of the Head Office complex. However, action is in hand to relocate their offices to adjacent sites, allowing the setting-up of a common records system and other efficiency improvements.



## Blacktown Division

An 18th Departmental Division came into operation on 14 February 1983 with the opening of its Divisional Office at Blacktown. The new Blacktown Division incorporates several local government areas previously in the Parramatta Division. It is responsible for the cities of Blacktown and Penrith, and the shires of Baulkham Hills, Hawkesbury and Hornsby. Its area of administration is indicated in the accompanying map.

The establishment of the new division will facilitate closer liaison with Councils and more effective supervision of road and bridge projects in the area. It will also assist in the implementation of the State Government's western region road improvement program, announced in October 1982.

(Details of the program were published in the brochure *F4 - Western Freeway and Sydney's Western Region Road Program*, obtainable free of charge from the Department's Public Relations Section.)

## Employment Figures

The number of personnel directly employed by the Department at 30 June 1983 was 8,908, a decrease of 157 (or 1.73%) from the total at 30 June 1982. (This was a levelling off of the previous year's steep decrease of 12% in the numbers employed.)

This total comprised 3,786 salaried officers and 5,122 wages employees. In addition, 4,014 Council employees and 1,873 contractors' employees, including truck owner-drivers, were engaged on the construction and maintenance of the main road network. These figures are analysed in Table 25.

## Equal Employment Opportunity

Major achievements of the past year in the equal employment opportunity field can be described under the following four general headings.

### Communication

An Equal Employment Opportunity Liaison Officer was

appointed in December 1982. One of his initial objectives was to establish a Department-wide network of personnel to carry out equal employment related duties on a part-time basis. This network includes 40 contact persons and career counsellors who can inform staff on new initiatives, collect statistics, give career advice and assist in investigating grievances.

In its second year of operation the Equal Employment Opportunity Grievance Service attracted between 10 and 20 inquiries each week. Independent and confidential counselling is available from trained and experienced officers. The service provides a valuable support to personnel, and the data obtained is useful in pointing the way towards changes to policy in some areas.

The past twelve months were also the first full year of the Departmental Spokeswoman scheme. The Spokeswoman and her Deputy, now retitled Women's Information Officers, have assisted in promoting equal employment opportunity awareness in the workforce. Their activities have included circulation of newsletters and organisation of discussion groups, as well as attendance at seminars on occupational health and the establishment of child care centres.

Clerical work is proceeding towards establishing a central source of information on the equal employment opportunity area, and a fully unified personnel data base.

## Recruitment and Selection

External recruitment advertisements are now placed (where appropriate) in up to 2 ethnic newspapers. In addition, the 1983 advertising campaign for apprentices was designed to attract applications from minority groups. This is a long term policy to assist in changing community attitudes.

Guidelines based on those



# Administration and Personnel

## Table 25. The Department's Workforce, 1982 to 1983

	At 30 June 1982	At 30 June 1983	Increase/Decrease	
			Number	%
<b>Qualified Officers*</b>				
Professional	1,424	1,384	-40	-2.81
Technical	1,258	1,237	-21	-1.67
General	1,012	1,053	+41	+4.05
Technicians — Traffic Signals	107	112	+5	+4.67
Sub-total	3,801	3,786	-15	-0.39
<b>Unqualified Wages Employees*</b>				
Qualified Tradesmen	804	736	-68	-8.46
Apprentices	220	221	+1	+0.45
Labourers	2,039	2,163	+124	+6.08
Plant Operators	848	743	-105	-12.38
Engines	380	347	-33	-8.68
Heavy Field Hands	116	130	+14	+12.07
Truck Drivers	507	388	-119	-23.47
Others	103	85	-18	-17.48
Others	247	309	+62	+25.10
Sub-total	5,264	5,122	-142	-2.70
<b>Departmental Contracts</b>				
Contractors' Employees under direct supervision by Department	267	400	+133	+49.81
Truckage — Truck Owner Drivers	485	512	+27	+5.57
Truckage — Fleet Owners	68	92	+24	+35.29
<b>Other Contracts</b>				
Motor	89	208	+119	+133.71
Plant	552	661	+109	+19.75
Sub-total	1,461	1,873	+412	+28.20
<b>Councils</b>				
Employees on subsidised roadworks	3,233	3,104	-129	-3.99
Trucks	981	910	-71	-7.24
Sub-total	4,214	4,014	-200	-4.75
Totals	14,740	14,795	+55	+0.37

\*Including all part-time and casual staff.



# Administration and Personnel

drawn up by the New South Wales Public Service Board are now used by all Departmental selection committees.

## Promotion and Career Development

Less emphasis is now placed on seniority in promotions. At the same time, the movement towards internal advertising of all staff positions involving promotion continues.

## Training and Personnel Development

Segments related to Equal Employment Opportunity are now an integral part of the Department's Training and Development program. The topic was included in all non-technical courses, and special courses were designed to develop in supervisors an understanding of their responsibilities in this area (see Table 27).

**Table 26. Male/Female Distribution in Workforce, 1982 to 1983**

	At 30 June 1982		At 30 June 1983	
	Males	Females	Males	Females
<b>Full-time</b>				
Salaried Officers	3,086	695	3,073	691
Direct Wages Employees	5,162	25	5,025	21
<b>Part-time*</b>				
(20 hrs per week and over)	6	22	2	11
(Less than 20 hrs per week)	6	12	4	28
<b>Totals</b>	<b>8,260</b>	<b>754</b>	<b>8,104</b>	<b>751</b>

\* Numbers expressed as equivalent full-time.

A series of separate courses in Assertiveness and Career Development (in the category of Personal Skills) was well-attended. Courses were held for female participants only, for mixed groups (in an attempt to break down sex-role

stereotyping), and for mixed migrant groups.

Table 26 shows Male/Female distribution in the Department's workforce at 30 June 1983, compared with the previous year.

## Training

The training and development Departmental staff continued to grow and diversify in 1982-83, under the guidance of the Department's Steering Committee on Training.

The Committee comprises the four Deputy Heads of the Engineer-in-Chief's, Secretariat, Legal and Accounts Branches and the Principal Training Officer; the Deputy Engineer-in-Chief is Chairman.

During the year, 1,650 officers attended 112 formal training courses conducted on residential, full-time or part-time bases. Courses and attendance are summarised in Table 27.

Extensive use was also made of external educational and training organisations to supplement the internal Departmental training program. Seven officers attended courses conducted by the Australian Administrative

**Table 27. Training Courses and Attendance**

Category	Description	Number of Courses held		Personnel Attending					
		1981-82	1982-83	1981-82		Total	1982-83		Total
				Males	Females		Males	Females	
Induction	(for new staff)	3	1	18	14	32	2	6	8
Equal Employment Opportunity (EEO)	EEO related, e.g. EEO responsibilities for supervisors, regional seminars	—	23	—	—	—	196	146	342
Technical	Specialist, e.g. bridge construction, pavement design, computer usage	50	47	834	40	874	789	32	821
Administrative	Departmental administration and procedures	5	2	73	—	73	37	—	37
Personal Skills	e.g. correspondence preparation, dictation techniques, interviewing skills	22	26	171	20	191	226	35	261
Management	Supervisory and managerial skills	17	13	234	19	253	170	11	181
<b>Totals</b>		<b>97</b>	<b>112</b>	<b>1,330</b>	<b>93</b>	<b>1,423</b>	<b>1,420</b>	<b>230</b>	<b>1,650</b>



ff College and the Institute of  
ministration, University of  
w South Wales; 46 officers  
re sponsored to full-time  
gree courses in Civil,  
ctrical and Mechanical  
ineering, in Business Studies  
d in Commerce; three were  
nsored to full-time post-  
duate courses. The Legal  
ff Training Scheme involving  
ical officers in the Legal  
inch continued, with two  
ers attending six months'  
ctical training at the College  
Law.

assistance was also provided to  
officers undertaking part-  
e studies in 44 certificate,  
loma and degree courses.

partmental training courses  
ve again emphasised the  
ed for maximum use of  
ailable resources and  
stant development of greater  
iciency. There was also  
ticular concentration on  
ual employment opportunity  
(O) training requirements,  
d on the on-going  
velopment of managerial and  
ervisory skills.

## Apprentices

e Department indentured 47  
rentices (compared to 57  
t year) bringing the total  
mber employed in 16 different  
ft trades to 220.

partmental apprentices won a  
mber of awards during the  
ar. These included a Leading  
prentice in New South Wales  
ard in the craft of Plumbing,  
sfitting and Draining, and  
chnical College Awards in the  
fts of Plant Mechanics,  
rpentry and Joinery,  
etmetal Working, Plumbing,  
sfitting and Draining, and  
tomotive Electrical. Barry  
rgan, apprentice Plumber,  
sfitting and Drainer won the  
partment's Brian Sexton  
prentice of the Year Award.

## Industrial Relations

st members of the  
partment's workforce are  
vered by one or other of some



*Cindy Thiele, a participant in the State Youth Corps Scheme, was attached to a crew from the Department's Windsor Works Office.*

20 unions and staff associations. The majority of industrial disputes arising during the year were settled amicably, and others are still under negotiation.

Ten disputes resulted in work stoppages by 2,270 employees with a combined loss of 1,913 man-hours. These figures include 303 employees involved in minor stoppages totalling a loss of 385 man-hours. Causes of dispute included a wages claim, a demarcation issue, an objection to the introduction of fuel tax, and an objection to the method of contract haulage.

The principal cause of stoppages was the industry-wide 38 hour week campaign. This accounted for 1,528 of the total 1,913 man-hours lost and involved 1,967 personnel. By the end of 1982-83, a 38 hour week had been awarded to the majority of wages employees in the Department and is expected to extend to others soon, subject to ratification by the Industrial Commission of New South Wales. These awards were implemented as a result of cost offsets agreed between the State Government, the various Government authorities, the Public Service Board of N.S.W. and the unions concerned.

Most officers received a 4% salary increase operative from November 1982, awarded by the Industrial Commission. Excluded from receiving the 4% increase

were Professional Engineers who are covered by an award of the Australian Conciliation and Arbitration Commission. The Commission decided not to ratify an agreement for this group.

## Work Experience Programs

The Department continued to participate in work experience programs for secondary school students throughout the State.

Almost 200 students in country and city areas were attached to the Department for up to one week. This allowed them to become acquainted with the duties undertaken by engineers, surveyors, draftsmen, tracers, foremen, testing operators, plant operators, mechanics, clerks and typists.

The Department is pleased to assist young people in this way. First-hand experience of the working environment often helps them in their choice of a career.

## Job Creation Schemes

In addition to the normal work experience programs, the Department has participated in several special schemes aimed at creating jobs or providing work experience for the unemployed.

- The State Youth Corps Scheme was an initiative of the N.S.W. State Government and ran from January to May 1983. Over a 13-week period, 291 young women and men were employed for one day per week at various Works Offices throughout the metropolitan and country areas. Duties varied from clerical assistance to general labouring and survey field hand work. Although some young people dropped out, their positions were filled by others and in general the scheme was beneficial in providing them with a limited amount of work experience.

- The Wage Pause Program is being funded by the Commonwealth Government to provide work for the long term unemployed and other disadvantaged people. There is particular emphasis on projects that will make worthwhile and lasting contributions to the community.

Fifteen projects selected by the Department (four being Council works) were approved as suitable, and an amount of \$5.1 million was allocated. Employment commenced on 7 March 1983. At 30 June 1983, 67 people were in the Department's workforce under the program, which is expected to run for up to 12 months. Recruitment was carried out locally through the Commonwealth Employment Service.

- The State Government Youth Training Program provided 17 weeks of full-time work with the Department for eight people in country areas of the State. Duties were allocated in both clerical and field work. Another intake of six youths began work in May and are still employed.

- The National Employment Strategy for Aborigines is conducted in co-operation with the Department of Employment and Youth Affairs. Seven aboriginal trainees are presently employed on road construction and maintenance projects.



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## Health and Safety

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### Occupational Health Service

A total of 2,937 personnel attended or contacted the Occupational Health Centre in the Department's Head Office during the year for treatment of injury and illness, counselling and other occupational health matters. Ninety-seven were referred to either their own medical advisers or to established contacts for further advice and treatment.

The Occupational Health Service is concerned also to promote good physical and mental health among personnel through education and training programs. Last year approximately 360 people attended formal training sessions on occupational health. As a result, there was a marked increase in demand for advice and information from personnel attached to Divisional and Works Offices.

The health education program continued throughout the year with lectures being given at various field offices and in Head Office. Lunch-time films and discussion sessions, involving representatives from outside health organisations, were held in Head Office.

The Occupational Health Nurse, in co-operation with the Safety Officer, is involved in environmental hazard investigation and control. Arrangements have been made for regular monitoring of personnel who handle toxic chemicals, laser equipment and nuclear moisture density meters. Vision tests are carried out on the request of officers using visual display units.

### Safety and Accident Prevention

Accidents in the workplace caused a total of 1,060 lost-time injuries during 1981-82 (the last full year for which statistics are available). This represents a lost-

time frequency rate of 62 accidents per million man-hours worked. None of the accidents was fatal. The 1980-81 figures were 1,154 injuries representing 64.4 accidents per million man-hours worked.

The Safety Officer and two Safety Inspectors conducted 815 field inspections to check that the Department's working practices are safe and meeting statutory requirements. Nine serious worksite accidents were investigated and reports were submitted for discussion and action where necessary.

A hearing protection program involving 1,000 employees began in the latter half of 1982. The program comprised assessment of operator noise levels, and a series of films and lectures to raise employees' awareness of the dangers of noise and the need for preventive measures. (A specification limiting noise levels to a maximum of 90 decibels is now used by the Department in the purchase of earthmoving machinery.)

The importance of safety education is recognised, and lectures on office safety conducted in field offices were attended by about 250 people. Safety segments were also included in many in-service training courses.

The Department's Executive Safety Committee is at present examining the ramifications and effect on the Department's operations of the new Occupational Health and Safety Act recently passed by the New South Wales Government.

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### Suggestions Scheme

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The Department's Suggestions Scheme encourages officers and employees to put forward ideas which could improve any of the Department's technical or administrative processes.

The scheme is controlled by a Committee comprising the Deputy Engineer-in-Chief

(Chairman), the Assistant Chief (J) of Personnel Branch, the Group Accountant (L), and the Deputy Principal Mechanical Engineer. The Committee refers each suggestion to the Section(s) involved, for evaluation. Using the Section's report as a basis, the Committee then considers whether adoption of the suggestion will result in streamlining of operations or other benefits to the Department. A cash award may then be made to the author of the suggestion.

During 1982-83, 82 suggestions were received and 90 (including some carried over from the previous year) were finalised by the Committee. Forty-one awards ranging from \$20 to \$100 were made for ideas ranging from a proposal for more efficient 'file attached' tags, to a cost-saving method of recovering silver from photographic processes in the Print Room.

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## Management Reviews and Services

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### Staff Establishment Review Committee

An important review of staff needs in all areas of the Department's activities was initiated in the latter part of 1981, and continued until March 1983. This Staff Establishment Review was a response to the difficult financial situation then pertaining, and it sought to rationalise staff deployment to the Department's best advantage.

A Staff Establishment Review Committee was established, consisting of a Senior Engineer and an Administrative Officer. This Committee reported directly to a Steering Committee consisting of the Commissioner, Deputy Commissioner, Engineer-in-Chief, Secretary and a senior officer of the Public Service Board. The Committee visited a total of 50 Head Office Sections and 25 Divisional and other external offices to

determine essential staff numbers and categories.

With its review tasks accomplished, the Committee was disbanded in March 1983. Its reports will continue to be used for reference when additional staff are requested.

### Review Teams

The two Review Teams have continued to report on the Department's operations as required. A review of an area involves a study of its systems, methods, working relationships and organisational structures. The purpose is to improve operational effectiveness and efficiency and to promote organisational change in response to changing circumstances.

During 1982-83 the Teams reviewed the areas of:

- Records management.
- Voucher examining.
- Landscape operations.
- The operations of the Plan Room.

### Management Liaison

The Management Liaison Section is a small specialist group within the Secretarial Branch. Its role is to research and resolve administrative problems and act as a special aide to the Secretary.

Among a number of administrative areas examined during 1982-83 were the following:

- Organisation and operation of the Public Relations, Staff and Special Typing Sections.
- Clerical staffing levels in Field Offices.
- Insurance requirements.
- Occupational health and welfare needs within the Department (a continuing review).
- Telephone systems. The 25-year-old PABX system in Head Office was replaced in October 1982 with a Siemens EMS 12000 PABX.



## Public Relations

The Department aims to keep the community well informed about its policies and operations, and welcomes public interest. Officers of the Department make themselves available to speak to interested groups on request. Such talks are often illustrated with film or slide presentations.

Special public relations activities during the year included the presentation of 17 special displays featuring various projects of the Department's work. Principal among them was a stand at Sydney's 1983 Royal Easter Show, which had the theme 'Value for Money' and illustrated a wide range of projects. This display included a popular audio-visual show, *The Way Ahead*.

Another display was mounted at Afton to mark the 50th anniversary of the city's Lawrence River Bridge, and exhibits were included in shows at Broken Hill, Wollongong and Glen Innes. The Department also contributed displays as part of special State-wide events including Heritage Week and Camp Week.

There has been an increasing emphasis on the preparation of explanatory models and graphic presentations to accompany media conferences held by the Minister for Roads. Several such conferences took place during the year.

Noted under 'Improving the Road System', pages 16 to 29, special functions were held to mark the opening of five major projects, giving the Minister for Roads and the Commissioner an opportunity to communicate with some of the Department's consumers. These and other important projects of the Department are well-documented in the quarterly journal *Main Roads*, a subscription to which costs \$100 a year.

On behalf of the Minister, 63

media statements were released to the press and radio and television stations. The Department also provided information and articles for inclusion in various external publications.

Another important source of information about the Department is its general interest publications. New productions during 1982-83 included:

- *Main Road Maps of N.S.W.* - 1983 edition
- *Making the Grade* - Annual Report Summary for Staff
- *F4 - Western Freeway and Sydney's Western Region Road Program*
- Two information leaflets on weight of loads regulations, for owners and drivers.

... as well as four editions each of the quarterly journal *Main Roads* and the in-house newspaper *Side-Track*. Also published was the 1981-82 *Annual Report* which, for the third consecutive year, won a silver award from the Australian Institute of Management for 'distinguished achievement in annual reporting'.

All these publications, and others are available from the Department's Public Relations Section on the 3rd floor, Head Office, 309 Castlereagh Street, Sydney, telephone (02) 218 6896. Most are free of charge. The Section also carries general-interest NAASRA brochures. Technical publications are available from the Plan Room on the ground floor (telephone (02) 218 6824), at various prices.

The Department has an extensive library of photographs and copies of most are available for purchase by the public. Last year 274 films from the Department's 16 mm movie library were lent to interested groups.

Members of the public are welcome to call at, or telephone the Public Relations Section with their inquiries about Departmental projects or

requests for publications, photographs, films, or guest speakers.

The Department continues to open the South East Pylon of the Sydney Harbour Bridge to the public, on Saturdays, Sundays and Mondays, 9.30 a.m. to 5.00 p.m. Entry costs 50 cents, or 30 cents for pensioners and children, and access is from the eastern footway of the Bridge only.

## International Visits and Exchanges

During the year, two Departmental engineers returned from secondment to the Snowy Mountains Engineering Corporation (SMEC), having worked on road projects in Burma and Central Thailand. Another engineer was seconded to a firm of consulting engineers to work for 12 months in the Philippines. In each case, all costs were and are being met by the seconding organisations.

While on private overseas trips, two officers gained valuable knowledge from attending international symposiums, one on Concrete Roads (held in London in September 1982) and the other on Soil and Rock Investigations by In-Situ Testing (in Paris in May 1983).

In January 1983, the Department's Chief Engineer (Planning), Mr Vince O'Grady, attended a meeting in Brussels of the Permanent International Association of Road Congresses (PIARC) Technical Committee on Inter-Urban Roads. Mr O'Grady, who is the Australian representative on the Committee, then visited the PIARC headquarters in Paris. All costs were met by PIARC. The meeting was a lead-up to the XVII World Road Congress to be held in Sydney in October 1983 (see page 72).

In February 1983, the Commissioner for Main Roads (Mr Bruce Loder) accompanied the Minister for Roads, the Hon.

R.F. Jackson, M.P., to the 63rd Meeting of the Australian Transport Advisory Council (ATAC) in Wellington, New Zealand. Mr Loder acted as adviser to the Minister on road matters, and participated in a short tour of technical inspection, as the N.S.W. member of ATAC's Road Group.

In February/March 1983 the Department's Traffic Systems Manager (Mr Arthur Sims) visited Manukau City, New Zealand for two weeks at the invitation of the Manukau City Council and the New Zealand National Roads Board. Mr Sims supervised the commissioning of a co-ordinated adaptive traffic system similar to SCATS (see page 54), and conducted a training school on the subject.

Sixteen overseas guests visited the Department during the year, for periods ranging from one or two days to three months. The Department was pleased to exchange information with these visitors who came from Burma, Hong Kong, Japan, Korea, New Zealand, the Philippines and South Africa. Most were civil engineers in senior government posts. Others were trainees who gained work experience in materials testing.

## Local Co-ordinators

Six country Divisional Engineers served as Local Co-ordinators (State Administration) during 1982-83. In this capacity they co-ordinated complementary operations of the various Government departments and instrumentalities in their respective areas.

Activities organised by co-ordinators included the sharing of office facilities between Government Authorities; assistance to the State Government Youth Employment Training Program; staff accommodation; Public Service Board examinations; centralisation of Government services; and discussions on the Government Stores catalogue



microfiche facilities, energy management, mail services, driver training and road safety.

## National Association of Australian State Road Authorities

The National Association of Australian State Road Authorities (NAASRA) comprises the authorities responsible for roads in the six States, the Northern Territory and the A.C.T.

The Association serves as a centre for pooling technical and administrative experience and is thus able to co-ordinate and rationalise design standards, construction and maintenance practices and research projects. It also gathers and publishes the facts about Australia's principal roads and their financing.

NAASRA's annual meeting for 1982-83, attended by the heads of the member authorities, was hosted by this Department at Port Macquarie. Another major meeting took place in Melbourne hosted by the Road Construction Authority, Victoria. There were also meetings of the various technical committees. Subjects dealt with included bridge engineering, computers, construction and maintenance practice, materials engineering, planning, plant and equipment, road design and traffic engineering.

Publications issued during the year included:

- *Statutory Limits on Road Vehicles - 1982*
- *Guide to Traffic Engineering Practice*
- *Australian Roads - 1981*
- *Duties and Responsibilities of Superintending Officers - Volume II - Contract Bridgeworks*
- *Guide to Traffic Counting in SRAs*
- *Control of Moisture in Roads*

A full list of NAASRA publications and the publications themselves are

available from the Department's Head Office at 309 Castlereagh Street, Sydney.

The NAASRA Roads Study (embracing all classes of roads in Australia) is progressing and should be completed in early 1984. The study team uses the computerised NAASRA Data Bank System (DBS) and the NAASRA Improved Model for Project Assessment and Costing (NIMPAC) where appropriate.

## Australian Road Research Board

The Australian Road Research Board (ARRB) is the national centre for co-ordination of road research in Australia. It also publishes information on the design, maintenance and construction of roads.

The headquarters of the Board are in Vermont, Victoria. Policy is guided and reviewed by a Board of Directors made up of the executive heads of the eight sponsoring road authorities. Mr Bruce Loder, Commissioner for Main Roads N.S.W., is therefore a member of the Board. This Department is also represented on the Board's Steering Committee, of which Mr John Crowe, Deputy Commissioner for Main Roads N.S.W., is Deputy Chairman. Other Departmental officers contribute to committee work and study area meetings.

The major ARRB event of the year was the 11th ARRB Conference, held at Melbourne University in August 1982. Papers were presented and workshops conducted on topics such as compaction, accident evaluation and road studies. Other important meetings included the 20th Regional Symposium, jointly sponsored by ARRB and the South Australian Institute of Technology in Adelaide during May 1983; and a workshop on Rural Traffic Simulation held at Vermont in June 1983.

The staff and facilities of ARRB assist with projects in

developing countries, including, last year, Gabon and Indonesia. The Board continued to produce the *Australian Road Index* which lists collected data on all Australian published material on road-related matters; and *Australian Road Research in Progress* which is a companion publication.

## Army Supplementary Reserve Unit

The Department continued to sponsor 21 Construction Regiment RAE (SR), in conjunction with several other Government departments and authorities. Over 200 Departmental personnel are associated with the Regiment, in particular with 101 Construction Squadron and 108 Plant Squadron.

The 1983 annual camp was held at Holsworthy in March. Both squadrons undertook training in military engineering, particularly in equipment bridging, demolitions, mine warfare and nuclear, biological and chemical warfare.

Ninety-seven new recruits joined the Regiment during the year, including 29 from the Department, two of whom were women. Out of a total effective Regimental strength of 661, approximately 30 are women.

## Permanent International Association of Road Congresses

The Department, along with the Commonwealth Department of Transport, Department of Housing and Construction and the other State Road Authorities, has continued its significant role in preparing for the XVII World Road Congress of the Permanent International Association of Road Congresses (PIARC). The Congress is to be held at the Sydney Opera House 8-15 October 1983.

The Commissioner for Main Roads, Mr Bruce Loder, is the Deputy Secretary-General of the Australian Organising Committee, and six of the nine Working Committees are chaired by officers of the Department. The operations of the Working Committees have included regular meetings with Mr N. A. Waslin, First Assistant Secretary, Roads Division, Commonwealth Department of Transport, who is the Executive Committee Director of the Australian Organising Committee.

Over 56 countries will be represented at the Congress and the interest generated among overseas Governments has led to at least 17 of their Ministers indicating their intention to attend.

The costs of the Congress are the responsibility of the Commonwealth, State and Northern Territory Governments. The Commonwealth and State Governments are apportioning the net costs as follows:

Commonwealth	50
New South Wales	
(Host State)	20
Victoria, Queensland,	
South Australia, Western	
Australia and Tasmania	6

The Northern Territory Government is making a contribution of \$20,000.

The subjects to be discussed at the Congress will include the planning, design, construction maintenance and operation of roads. Two special topics to be discussed are (i) energy saving in roads and road transport; and (ii) the impact of road networks on economic and social life in industrialised countries and in developing countries. Both topics have significance to those concerned with the international issues of energy policies and investment.



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**Financial Appendices to the  
Commissioner for Main Roads 1982-83 Annual Report**

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**Department of Main Roads New South Wales**

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DEPARTMENT OF MAIN ROADS, NEW SOUTH WALES

FINANCIAL APPENDICES TO THE FIFTY-EIGHTH ANNUAL REPORT  
OF THE COMMISSIONER FOR MAIN ROADS  
FOR THE YEAR ENDED 30th JUNE 1983

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8.3.0001	Maintenance and Operation — Work by Department
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8.5.0001	Summary of Expenditure — Traffic Signals and Other Facilities
9.00	Distances of Freeways, State Highways, Trunk Roads, Ordinary Main Roads, Secondary Roads, Tourist Roads and Developmental Roads in New South Wales for the Five Years ended 30th June 1983.
10.00	Distribution between the Department and Councils of Responsibility for Care and Control of Roads at 30th June 1983 in accordance with the Provisions of the Main Roads Act, 1924.



COUNTY OF CUMBERLAND MAIN ROADS FUND  
STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

APPENDIX 1.01

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor vehicle registration weight tax and tax levy	35,422,659	38,283,291	47,205,405	58,760,558	66,135,549
Charges for Heavy Commercial Vehicles for Maintenance of Roads	3,915,605	244,577	4,691	-	-
Diesel fuel levy	-	-	-	-	20,208,565
Loans - from State General Loan Account	10,400,000	24,000,000	10,000,000	4,000,000	-
- raised by the Commissioner under Semi-Government Loan Allocation	10,000,000	15,000,000	25,300,000	26,900,000	24,800,000
- from Department's Reserve for Loan Repayments	-	-	5,500,000	5,000,000	-
Grant for relief of unemployment	122,217Dr.	-	-	-	-
Road Tolls (less Collection Costs)	5,628,333	5,870,383	6,559,467	7,173,214	6,102,727
Interest - On Sinking Fund Investments	1,504,854	1,851,588	2,511,926	3,950,282	5,045,369
- On Treasury Fund Balances	406,932	333,443	608,466	335,247	338,112
Contributions for Specific Works					
- from Other Departments	3,003,114	1,473,228	492,935	92,633Dr.	76,024
- from Other Sources	320,458	779,554	248,078	1,524,047	324,281
Rents from Properties Acquired for Works (Less Collection and Maintenance Costs)	2,011,449	1,807,369	2,116,352	2,109,198	2,940,676
Miscellaneous	324,395	348,949	726,765	675,973	749,993
Total State Sources	72,815,582	89,992,382	101,274,085	110,335,886	126,721,296
<u>Commonwealth Grants</u>					
Road Grants Act 1981					
- Arterial Roads	30,694,000	32,990,000	36,138,000	53,000,000	33,455,832
Aust. Bicentennial Road Development Trust Fund Act 1982					
- Arterial Roads - Urban	-	-	-	-	3,700,000
Total Commonwealth Grants	30,694,000	32,990,000	36,138,000	53,000,000	37,155,832
Total Receipts	103,509,582	122,982,382	137,412,085	163,335,886	163,877,128
Cash at Treasury as at 1st July	10,776,083	6,170,714	6,855,413	3,730,320	5,003,388
Total Funds Available	114,285,665	129,153,096	144,267,498	167,066,206	168,880,516



COUNTY OF CUMBERLAND MAIN ROADS FUND

APPENDIX 1.02

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

PAYMENTS	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	55,760,836	59,150,479	69,818,460	67,508,904	70,488,953
- Construction under ABRD Program	-	-	-	-	2,906,021
- Property Acquisitions (Less Proceeds of Sales)	12,847,588	13,836,930	16,775,296	26,753,704	13,739,159
- Maintenance and Minor Improvements	19,145,259	20,678,832	21,520,229	23,322,463	26,570,922
- Natural Disasters - Restoration Works	172,114	9,326	9,265	-	-
Local Roads					
- Construction and Maintenance	394,693	-	5,307	-	-
Land and Buildings					
- For Works Operations	1,053,214	1,219,316	1,200,066	1,056,774	1,352,062
- For Administration	7,291Cr.	13,736	17,064	12,882	60,316
Net Transactions of Operating and Suspense Accounts	617,246Cr.	2,701,642	3,010,718	1,941,376	480,458Cr.
General Administration	4,100,593	4,626,491	5,523,585	6,969,666	7,200,547
Research	1,073,454	1,231,291	1,797,579	2,150,661	2,135,086
Loan Charges					
- Repayable Treasury Advances - Interest	494,013	649,293	627,479	603,579	577,392
- General Loan Account - Interest and Management Expenses	3,674,900	5,000,400	6,733,200	7,332,200	9,468,110
- Loans raised by the Commissioner - Interest and Management Expenses	4,758,373	6,578,510	8,495,373	13,564,148	17,834,739
Sub-Total	102,850,500	115,696,246	135,533,621	151,216,357	151,852,849
Loan Repayments					
- Repayable Treasury Advances - Principal	-	227,968	249,782	273,682	299,870
- General Loan Account - Sinking Fund	552,800	521,800	873,300	982,000	1,017,800
- Loans raised by the Commissioner - Principal	1,117,153	1,881,502	2,290,405	2,394,893	2,451,704
Investments for Loan Repayments for Loans raised by the Commissioner	3,590,800	3,714,700	5,164,300	7,329,160	7,247,580
Total Payments	108,111,253	122,042,216	144,111,408	162,196,092	162,869,803
Net Transactions of Trust Accounts	3,698	255,466	3,574,230Cr.	133,274Cr.	125,461Cr.
Cash at Treasury as at 30th June					
- for General Purposes	5,946,157	6,886,323	187,000	1,326,793	2,334,119
- for Trust Accounts	224,557	30,909Cr.	3,543,320	3,676,595	3,802,055
	114,285,665	129,153,096	144,267,498	167,066,206	168,880,516



## COUNTRY MAIN ROADS FUND

APPENDIX 1.03

## STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor vehicle registration weight tax and tax levy	88,273,097	98,343,029	123,444,281	153,860,435	172,525,150
Charges for Heavy Commercial Vehicles for Maintenance of Roads	15,662,414	978,308	18,763	-	-
Diesel Fuel Levy	-	-	-	-	9,904,283
Loans - from State General Loan Account	3,000,000	12,850,000	-	-	-
- raised by the Commissioner under Semi-Government Loan Allocation	28,000,000	55,174,960	59,825,040	56,000,000	33,000,000
- from Department's Reserve for Loan Repayments	-	-	9,500,000	4,000,000	2,600,000
Leveraged Lease Finance	-	-	-	7,800,000	-
Grant for Relief of Unemployment	122,217	-	-	-	-
Road Tolls (less Collection Costs)	-	-	5,500	501,867Dr.	-
Interest - On Sinking Fund Investments	473,178	611,173	836,613	559,126	1,420,949
- On Treasury Fund Balances	1,067,375	1,126,414	971,037	767,269	565,345
Contributions for Specified Works					
- from Other Departments	1,256,578	1,719,610	1,009,819	1,908,136	2,385,942
- from Other Sources	365,168	592,221	779,781	326,796	806,327
Rents from Properties Acquired for Works (Less Collection and Maintenance Costs)	430,848	166,815	190,824	203,647	331,364
Natural Disasters - State/Commonwealth Grant for Restoration Works	5,438,293	1,499,214	569,188	-	-
Miscellaneous	1,193,151	1,059,150	1,556,653	1,656,760	2,243,986
Total State Sources	145,282,319	174,120,894	198,707,499	226,580,302	225,783,346
<u>Commonwealth Grants</u>					
Road Grants Act, 1981					
- Arterial Roads	19,251,000	20,691,000	22,998,000	11,503,000	35,654,168
Aust. Bicentennial Road Development Trust Fund Act 1982					
- Arterial Roads - Urban	-	-	-	-	2,000,000
- Rural	-	-	-	-	4,000,000
Wage Pause Employment Programme	-	-	-	-	842,625
Total Commonwealth Grants	19,251,000	20,691,000	22,998,000	11,503,000	42,496,793
Total Receipts	164,533,319	194,811,894	221,705,499	238,083,302	268,280,139
Cash at Treasury as at 1st July	18,114,279	20,050,447	12,585,332	1,953,875	4,308,425
Total Funds Available	182,647,598	214,862,341	234,290,831	240,037,177	272,588,564



## COUNTRY MAIN ROADS FUND

APPENDIX 1.04

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

PAYMENTS	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	71,751,456	98,431,975	109,857,826	100,166,375	113,800,403
- Construction under ABRD Programme	-	-	-	-	4,630,815
- Property Acquisitions (Less Proceeds of Sales)	3,097,975	3,730,244	3,419,085	4,178,144	3,507,441
- Maintenance and Minor Improvements	59,238,466	67,151,697	75,980,896	80,478,593	91,903,073
- Natural Disasters - Restoration Works	2,464,857	209,051	74,197	-	-
Local Roads					
- Construction and Maintenance	1,015,341	615,281	804,211	824,723	645,569
- Natural Disasters - Restoration Works	3,167,555	738,446	1,070,228	80,954	-
Land and Buildings					
- For Works Operations	584,875	719,418	1,245,463	1,132,546	708,447
- For Administration	38,996	256,970	88,090	267,380	208,564
Net Transactions of Operating and Suspense Accounts	4,166,583	5,121,010	4,062,075	1,162,036	7,445,450Cr.
General Administration	6,105,139	7,796,959	9,340,103	10,871,617	12,687,260
Research	1,562,809	1,845,458	2,697,483	3,225,992	3,202,628
Loan Charges					
- Repayable Treasury Advances - Interest	567,686	556,537	537,840	517,354	494,907
- General Loan Account - Interest and Management Expenses	2,473,117	3,062,600	3,706,800	4,020,350	4,386,870
- Loans raised by the Commissioner - Interest and Management Expenses	3,638,481	8,430,941	16,311,769	25,350,718	33,621,259
Sub-Total	159,873,336	198,666,587	229,196,066	232,276,782	262,351,786
Loan Repayments					
- Repayable Treasury Advances - Principal	-	195,402	214,098	234,585	257,031
- General Loan Account - Sinking Fund	354,183	467,200	615,700	614,700	608,310
- Loans raised by the Commissioner - Principal	768,039	728,308	895,743	976,539	1,060,497
Investments for Loan Repayments for Loans raised by the Commissioner	1,256,500	1,672,800	1,632,400	1,184,000	2,675,389
Total Payments	162,252,058	201,730,297	232,554,007	235,286,606	266,953,013
Net Transactions of Trust Accounts	345,093	546,712	217,051Cr.	442,147	293,961
Cash at Treasury as at 30th June					
- for General Purposes	19,340,370	11,328,543	339,937Cr.	2,456,759	3,783,885
- for Trust Accounts	710,077	1,256,789	2,293,812	1,851,665	1,557,705
	182,647,598	214,862,341	234,290,831	240,037,177	272,588,564



## COMMONWEALTH FUND

APPENDIX 1.05

## STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>Commonwealth Grants</u>					
Roads Grants Act, 1981					
- National Roads	74,185,000(a)	79,435,124(a)	92,509,303(a)	101,616,862(a)	108,841,119
- Arterial Roads	(b)	(b)	(b)	(b)	-
- Local Roads	35,506,000	38,162,000	42,417,000	46,267,000	49,576,000
- Minor Traffic Engineering and Road Safety Improvements	(c)	(c)	-	-	-
Aust. Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	-	24,000,000
Planning and Research	1,200,741	1,229,986	801,601	-	-
Total Receipts	110,891,741	118,827,110	135,727,904	147,883,862	182,417,119
Cash at Treasury as at 1st July	1,468,196	946,242	1,357,593	1,788,275	3,259,844
Total Funds Available	112,359,937	119,773,352	137,085,497	149,672,137	185,676,963
(a) Grant for National Roads included in Appendix 1.06	1,320,000	1,717,876	2,438,697	1,949,138	2,147,881
(b) Grant for Arterial Roads included in Appendices 1.01 & 1.03	49,945,000	53,681,000	59,136,000	64,503,000	69,110,000
(c) Grant for M.I.T.E.R.S. included in Appendix 1.06	3,529,000	3,793,000	-	-	-
P A Y M E N T S					
State Road System					
- Construction and Reconstruction	60,895,358	66,352,578	73,602,252	76,951,246	74,921,080
- Construction under ABRD Programme	-	-	-	-	20,744,716
- Property Acquisitions	1,792,158	1,555,547	4,943,129	6,941,081	6,030,321
- Maintenance and Minor Improvements	8,644,215	8,471,801	10,405,872	12,552,728	12,952,052
Local Roads					
- Construction and Maintenance	35,788,973	37,361,214	41,529,652	46,109,435	49,669,373
Land and Buildings					
- For Works Operations	-	-	-	-	-
Net Transactions of Operating and Suspense Accounts	-	-	-	-	-
General Administrative Expenses	3,224,469	3,460,044	4,019,308	3,857,802	3,756,490
Planning and Research	1,068,522	1,214,575	797,009	-	-
Total Payments	111,413,695	118,415,759	135,297,222	146,412,292	168,074,032
Cash at Treasury as at 30th June					
- for General Purposes	946,242	1,357,593	1,788,275	3,259,845	17,602,931
	112,359,937	119,773,352	137,085,497	149,672,137	185,676,963



TRAFFIC FACILITIES FUND

APPENDIX 1.06

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor Vehicle Registration Weight Tax and Tax Levy	6,500,000	6,852,000	11,755,135	13,825,000	27,100,000
Motor Vehicle Registration fee - allocation from the Road Transport and Traffic Fund	14,544,595	19,127,717	18,503,622	18,374,425	8,401,620
Loans - Raised by the Traffic Authority under Semi-Government Loan Allocation	-	-	-	1,200,000	-
Ministry of Transport Vote	2,500,000	-	-	-	-
Road Tolls (Less Collection Costs)	1,632,102	1,971,193	2,737,967	2,667,891	2,761,534
Contributions for Specified Works					
- from Other Departments	-	350,000	1,188,157	460,019	386,852
- from Other Sources	279,017	344,230	453,706	653,261	635,535
<u>Commonwealth Grants</u>					
- National Roads	1,320,000	1,717,876	2,438,697	1,949,138	2,147,881
- Minor Traffic Engineering and Road Safety Improvements	3,529,000	3,793,000	-	-	-
- Planning and Research	-	-	-	-	-
Total Receipts	30,304,714	34,156,016	37,077,284	39,129,734	41,433,422
Cash at Treasury as at 1st July					
Total Funds Available	30,304,714	34,156,016	37,077,284	39,129,734	41,433,422
<u>P A Y M E N T S</u>					
Intersection Improvements, Traffic Signals, Signs & Road Marking					
- Construction and Reconstruction	8,043,827	9,779,070	8,517,540	8,588,889	8,566,390
- Maintenance and Operations	19,500,467	21,345,662	25,027,492	27,225,559	30,979,632
Land and Buildings					
- for Works Operations	493,856	851,762	337,759	-	-
Net Transactions of Operating and Suspense Accounts	636,302	743,616	1,495,211	1,224,993	457,329Cr.
General Administrative Expenses	1,630,262	1,435,906	1,699,282	2,090,293	2,344,729
Total Payments	30,304,714	34,156,016	37,077,284	39,129,734	41,433,422
Cash at Treasury as at 30th June					
- for General Purposes					
	30,304,714	34,156,016	37,077,284	39,129,734	41,433,422



SYDNEY HARBOUR BRIDGE ACCOUNT

APPENDIX 1.07

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>State</u>					
Gross Tolls	4,133,204	3,842,409	3,320,031	3,535,958	3,812,796
Less Collection Costs	1,352,218	1,477,184	1,706,075	1,911,847	2,179,297
Road Tolls (Net) (a)	2,780,986	2,365,225	1,613,956	1,624,111	1,633,499
Interest - On Sinking Fund Investments	409,018	480,281	595,247	727,424	845,513
- On Treasury Fund Balances	285,000	277,500	279,000	290,078	327,116
Contributions - From Other Departments	294,000	549,521	263,732	637,735	522,951
Rents from Properties Acquired for Works	274,756	271,786	268,433	330,898	683,984
Miscellaneous	-	-	-	-	-
Total Receipts	4,043,760	3,944,313	3,020,368	3,610,246	4,013,063
Cash at Treasury as at 1st July	4,368,288	4,545,307	4,361,210	3,070,260	1,940,226
Total Funds Available	8,412,048	8,489,620	7,381,578	6,680,506	5,953,289
P A Y M E N T S					
State Road System					
- Maintenance and Minor Improvements	1,637,533	1,742,901	2,044,097	2,118,769	2,183,693
General Administrative Expenses	175,464	190,000	160,000	170,000	200,000
Loan Charges					
- General Loan Account - Interest and Management Expenses	775,000	788,500	820,000	883,000	966,000
- Loans raised by the Commissioner - Interest and Management Expenses	519,950	514,683	524,578	587,986	722,999
Sub-Total	3,107,947	3,236,084	3,548,675	3,759,755	4,072,692
Loan Repayments					
- General Loan Account - Sinking Fund	-	52,500	112,000	109,000	108,000
- Loans raised by the Commissioner - Principal	108,294	113,826	105,643	29,826	31,603
Investments for Loan Repayments for Loans raised by the Commissioner	650,500	726,000	545,000	841,700	842,873
Total Payments	3,866,741	4,128,410	4,311,318	4,740,281	5,055,168
Cash at Treasury as at 30th June					
- for General Purposes	4,545,307	4,361,210	3,070,260	1,940,225	898,121
	8,412,048	8,489,620	7,381,578	6,680,506	5,953,289
(a) Excludes tolls transferred to Traffic Facilities Fund	1,326,310	1,647,805	2,367,967	2,227,182	2,105,003



ALL FUNDS AND ACCOUNTS  
STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

APPENDIX 1.08

R E C E I P T S	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor vehicle registration weight tax and tax levy	130,195,756	143,478,320	182,404,821	226,445,993	265,760,699
Charges for Heavy Commercial Vehicles for Maintenance of Roads	19,578,019	1,222,885	23,454	-	-
Motor vehicle registration fee - allocation from the Road Transport and Traffic Fund	14,544,595	19,127,717	18,503,622	18,374,425	8,401,620
Diesel fuel levy	-	-	-	-	30,112,848
Loans - from State General Loan Account	13,400,000	36,850,000	10,000,000	4,000,000	-
- raised by the Commissioner under Semi-Government Loan Allocation	38,000,000	70,174,960	85,125,040	82,900,000	57,800,000
- raised by the Traffic Authority under Semi-Government Loan Allocation	-	-	-	1,200,000	-
- from Department's Reserve for Loan Repayments	-	-	15,000,000	9,000,000	2,600,000
Leveraged Lease Finance	-	-	-	7,800,000	-
Road Tolls (less Collection Costs)	10,041,421	10,206,801	10,916,890	10,963,349	10,497,760
Interest - On Sinking Fund Investments	2,387,050	2,943,042	3,943,786	5,236,832	7,311,831
- On Treasury Fund Balances	1,759,307	1,737,357	1,858,503	1,392,594	1,230,573
Contributions for Specified Works					
- from Other Departments	7,053,692	4,092,359	2,954,643	2,913,257	3,371,769
- from Other Sources	964,643	1,716,005	1,481,565	2,504,104	1,766,143
Rents from Properties Acquired for Works (Less Collection and Maintenance Costs)	2,717,053	2,245,970	2,575,609	2,643,743	3,956,024
Natural Disasters - State/Commonwealth Grant for Restoration Works	5,438,293	1,499,214	569,188	-	-
Miscellaneous	1,517,546	1,408,099	2,283,418	2,332,733	2,993,979
<b>Total State Sources</b>	<b>247,597,375</b>	<b>296,702,729</b>	<b>337,640,539</b>	<b>377,707,030</b>	<b>395,803,246</b>
<u>Commonwealth Grants</u>					
Roads Grants Act, 1981					
- National Roads	5,505,000	81,153,000	94,948,000	103,566,000	110,989,000
- Arterial Roads	49,945,000	53,681,000	59,136,000	64,503,000	69,110,000
- Local Roads	35,506,000	38,162,000	42,417,000	46,267,000	49,576,000
- Minor Traffic Engineering and Road Safety Improvements	3,529,000	3,793,000	-	-	-
Aust. Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	-	24,000,000
- Arterial Roads - Urban	-	-	-	-	5,700,000
- Rural	-	-	-	-	4,000,000
Wage Pause Employment Programme	-	-	-	-	842,625
Planning and Research	1,200,741	1,229,986	801,601	-	-
<b>Total Commonwealth Grants</b>	<b>165,685,741</b>	<b>178,018,986</b>	<b>197,302,601</b>	<b>214,336,000</b>	<b>264,217,625</b>
<b>Total Receipts</b>	<b>413,283,116</b>	<b>474,721,715</b>	<b>534,943,140</b>	<b>592,043,030</b>	<b>660,020,871</b>
Cash at Treasury as at 1st July	34,726,846	31,712,710	25,159,548	10,542,730	14,511,883
<b>Total Funds Available</b>	<b>448,009,962</b>	<b>506,434,425</b>	<b>560,102,688</b>	<b>602,585,760</b>	<b>674,532,754</b>



## ALL FUNDS AND ACCOUNTS

APPENDIX 1.09

## STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

PAYMENTS	1978/79	1979/80	1980/81	1981/82	1982/83
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	188,407,650	223,935,032	253,278,538	244,626,525	259,210,436
- Construction under ABRD Programme	-	-	-	-	28,281,552
- Property Acquisitions (Less Proceeds of Sales)	17,737,721	19,122,721	25,137,510	37,872,929	23,276,921
- Maintenance and Minor Improvements	88,665,473	98,045,231	109,951,094	118,472,553	133,609,740
- Natural Disasters - Restoration Works	2,636,971	218,377	83,462	-	-
Local Roads					
- Construction and Maintenance	37,199,007	37,976,495	42,339,170	46,934,158	50,314,942
- Natural Disasters - Restoration Works	3,167,555	738,446	1,070,228	80,954	-
Intersection Improvements, Traffic Signals, Signs and Road Marking					
- Construction and Reconstruction	8,043,827	9,779,070	8,517,540	8,588,889	8,566,390
- Maintenance and Operations	19,500,467	21,345,662	25,027,492	27,225,559	30,979,632
Land and Buildings					
- For Works Operations	2,131,945	2,790,496	2,783,288	2,189,320	2,060,509
- For Administration	31,705	270,706	105,154	280,262	268,880
Net Transactions of Operating and Suspense Accounts	4,185,639	8,566,268	8,568,004	4,328,405	8,383,237Cr.
General Administration	15,235,927	17,509,400	20,742,278	23,959,378	26,189,026
Research	3,704,785	4,291,324	5,292,071	5,376,653	5,337,714
Loan Charges					
- Repayable Treasury Advances - Interest	1,061,699	1,205,830	1,165,319	1,120,933	1,072,299
- General Loan Account - Interest and Management Expenses	6,923,017	8,851,500	11,260,000	12,235,550	14,820,980
- Loans raised by the Commissioner - Interest and Management Expenses	8,916,804	15,524,134	25,331,720	39,502,852	52,178,997
Sub-Total	407,550,192	470,170,692	540,652,868	572,794,920	627,784,781
Loan Repayments					
- Repayable Treasury Advances - Principal	-	423,370	463,880	508,267	556,901
- General Loan Account - Sinking Fund	906,983	1,041,500	1,601,000	1,705,700	1,734,110
- Loans raised by the Commissioner - Principal	1,993,486	2,723,636	3,291,791	3,401,258	3,543,804
Investments for Loan Repayments for Loans raised by the Commissioner	5,497,800	6,113,500	7,341,700	9,354,860	10,765,842
Total Payments	415,948,461	480,472,698	553,351,239	587,765,005	644,385,438
Net Transactions of Trust Accounts	348,791	802,178	3,791,281Cr.	308,873	168,500
Cash at Treasury as at 30th June					
- for General Purposes	30,778,076	23,933,669	4,705,598	8,983,622	24,619,056
- for Trust Accounts	934,634	1,225,880	5,837,132	5,528,260	5,359,760
	448,009,962	506,434,425	560,102,688	602,585,760	674,532,754



## TOLLWORKS

APPENDIX 2

## STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1983

(NOTE: THESE AMOUNTS ARE INCLUDED IN THOSE SHOWN IN APPENDIX NO. 1 - COUNTY OF CUMBERLAND FUND AND TRAFFIC FACILITIES FUND)

<u>Berowra to Calga Tollwork</u>		<u>1978/79</u>	<u>1979/80</u>	<u>1980/81</u>	<u>1981/82</u>	<u>1982/83</u>
		\$	\$	\$	\$	\$
<u>Receipts</u>						
Gross Tolls		5,716,805	6,050,048	6,764,395	7,027,397	6,960,571
Less Collection Costs		735,658	802,323	808,275	980,358	1,162,403
Net Tolls		4,981,147	5,247,725	5,956,120	6,047,039	5,798,168
Interest on Sinking Fund Investments		626,651	853,262	1,195,758	1,381,809	1,903,294
Total Receipts		5,607,798	6,100,987	7,151,878	7,428,848	7,701,462
<u>Payments</u>						
Tollway Lighting		43,191	35,279	54,411	75,150	90,813
Traffic Facilities		145,461	148,388	170,000	240,709	443,815
General Administration		64,022	69,000	75,000	80,000	90,000
Debt Charges:- General Loan Account - Interest and Management Expenses		2,132,900	2,100,900	2,190,100	2,369,000	2,596,060
- Sinking Fund		345,500	275,300	303,100	298,900	295,000
Loans raised by the Commissioner - Interest		373,914	390,811	373,415	395,557	448,289
- Investments for loan repayments		866,502	1,093,113	1,223,008	1,384,309	1,903,294
- Repayment of Principal		122,016	186,459	251,017	253,498	204,429
Interest on Advance received from County of Cumberland Fund		65,054	76,584	-	-	-
Repayment of Advance received from County of Cumberland Fund		-	680,925	-	-	-
Repayment of Advance received from State Treasury - Principal		-	-	-	-	-
- Interest		-	-	-	-	-
Long Term Investments for Loan Repayments - Surplus Tolls		-	-	-	1,400,000Cr.	-
Total Payments		4,158,560	5,056,759	4,640,051	3,697,123	6,071,700
Excess of Receipts over Payments		1,449,238	1,044,228	2,511,827	3,731,725	1,629,762
<u>Note: Surplus tolls for repayment of loans have been invested as follows -</u>		1,200,000	1,050,000	2,350,000	1,815,033Cr.	4,178,876
Investment in Internal Loan					5,600,000	2,600,000
Maintenance of Tollwork funded by Commonwealth Grants (National Highway)		631,009	748,183	796,951	770,046	776,197
<u>Waterfall to Bulli Pass Tollwork</u>						
<u>Receipts</u>						
Gross Tolls		1,530,065	1,514,904	1,642,177	1,812,126	1,842,451
Less Collection Costs		577,086	568,859	663,331	747,109	881,361
Net Tolls		952,979	946,045	978,846	1,065,017	961,090
Interest on Sinking Fund Investments		527,922	588,905	764,478	1,113,569	1,302,388
Total Receipts		1,480,901	1,534,950	1,743,324	2,178,586	2,263,478
<u>Payments</u>						
Tollway Lighting		52,600	52,641	49,305	65,037	96,951
Traffic Facilities		160,332	175,000	200,000	200,000	212,715
Maintenance		278,397	410,844	264,509	550,422	400,636
General Administration		40,074	39,000	40,000	50,000	55,000
Debt Charges:- General Loan Account - Interest and Management Expenses		265,500	256,800	268,100	290,300	318,730
- Sinking Fund		51,100	28,500	37,000	36,600	36,100
Loans raised by the Commissioner - Interest		1,970,384	2,224,613	1,963,180	1,895,486	1,810,972
- Investment for loan repayments		791,007	851,990	851,797	1,186,887	1,375,706
- Repayment of Principal		505,708	828,308	960,455	980,564	1,000,274
Total Payments		4,115,102	4,867,696	4,634,346	5,255,296	5,307,084
Excess of Payments over Receipts		2,634,201	3,332,746	2,891,022	3,076,710	3,043,606
<u>Note: Transfer of motor vehicle taxation to finance deficits have been made as follows -</u>		2,669,867	3,332,746	2,891,022	3,076,710	3,043,606



## SUMMARY OF LOAN AND LEVERAGED LEASE LIABILITIES AS AT 30TH JUNE, 1983

APPENDIX 3

	County of Cumberland Fund	Country Fund	Developmental Roads	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
<u>"A" GENERAL LOAN ACCOUNT (STATE LOANS)</u>	\$	\$	\$	\$	\$	\$	\$
<u>GROSS LIABILITY</u>							
Loans prior to 1st July, 1982	59,250,000.00	48,535,304.52	3,449,038.99	3,400,000.00	28,950,000.00	20,521,502.49	164,105,846.00
Loans 1982/83	-	-	-	-	-	-	-
Total to 30th June, 1983	59,250,000.00	48,535,304.52	3,449,038.99	3,400,000.00	28,950,000.00	20,521,502.49	164,105,846.00
<u>REPAYMENTS OF PRINCIPAL AND SINKING FUND CONTRIBUTION</u>							
<u>PRIOR TO 1ST JULY, 1982</u>							
By Department	1,847,680.00	7,277,324.53	546,236.76	284,330.00	2,914,020.00	9,680,345.09	22,549,936.38
By Commonwealth	497,164.68	2,033,466.37	447,492.20	78,269.50	1,027,625.26	1,801,501.93	5,885,519.94
Total to 1st July, 1982	2,344,844.68	9,310,790.90	993,728.96	362,599.50	3,941,645.26	11,481,847.02	28,435,456.32
<u>DURING 1982/83</u>							
By Department	686,700.00	479,095.68	129,214.32	36,100.00	295,000.00	108,000.00	1,734,110.00
By Commonwealth	160,453.30	110,741.37	7,017.39	8,628.39	70,527.97	49,435.44	406,803.86
Total during 1982/83	847,153.30	589,837.05	136,231.71	44,728.39	365,527.97	157,435.44	2,140,913.86
<u>TOTAL REPAYMENT OF PRINCIPAL AND SINKING FUND TO 30TH JUNE, 1983</u>							
By Department	2,534,380.00	7,756,420.21	675,451.08	320,430.00	3,209,020.00	9,788,345.09	24,284,046.38
By Commonwealth	657,617.98	2,144,207.74	454,509.59	86,897.89	1,098,153.23	1,850,937.37	6,292,323.80
Total to 30th June, 1983	3,191,997.98	9,900,627.95	1,129,960.67	407,327.89	4,307,173.23	11,639,282.46	30,576,370.18
<u>NET LIABILITY AT 30TH JUNE, 1983 - GENERAL LOAN ACCOUNT</u>	56,058,002.02	38,634,676.57	2,319,078.32	2,992,672.11	24,642,826.77	8,882,220.03	133,529,475.82
<u>"B" LOANS FROM STATE TREASURY</u>							
<u>GROSS LIABILITY</u>							
Loans prior to 1st July, 1982	7,000,000.00	6,000,000.00	-	-	800,000.00	-	13,800,000.00
Loans 1982/83	-	-	-	-	-	-	-
Total to 30th June, 1983	7,000,000.00	6,000,000.00	-	-	800,000.00	-	13,800,000.00
<u>REPAYMENTS OF PRINCIPAL</u>							
Prior to 1st July, 1982	751,432.42	644,084.92	-	-	800,000.00	-	2,195,517.34
During 1982/83	299,869.69	257,031.15	-	-	-	-	556,900.84
Total to 30th June, 1983	1,051,302.11	901,116.07	-	-	800,000.00	-	2,752,418.18
<u>NET LIABILITY AT 30TH JUNE, 1983 STATE TREASURY LOANS</u>	5,948,697.89	5,098,883.93	-	-	NIL	-	11,047,581.82



## SUMMARY OF LOAN AND LEVERAGED LEASE LIABILITIES AS AT 30TH JUNE, 1983 (Continued)

APPENDIX 3

	County of Cumberland Fund	Country Fund	Developmental Roads	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$	\$
<u>"C" LOANS RAISED BY COMMISSIONER UNDER SEMI-GOVERNMENT LOAN PROGRAMME</u>							
<u>GROSS LIABILITY</u>							
Loans prior to 1st July, 1982	105,255,000.00	233,100,000.00		27,600,000.00	6,000,000.00	9,320,000.00	381,275,000.00
Loans 1982/83	24,800,000.00	33,000,000.00		-	-	-	57,800,000.00
Total to 30th June, 1983	130,055,000.00	266,100,000.00		27,600,000.00	6,000,000.00	9,320,000.00	439,075,000.00
<u>PAYMENT OF PRINCIPAL AND SINKING FUND CONTRIBUTION</u>							
<u>PRIOR TO 1ST JULY, 1982</u>							
Principal	6,028,930.57	5,901,605.60	-	5,596,878.33	1,214,228.61	2,131,684.22	20,873,327.33
Sinking Fund	7,919,618.02	9,978,795.26	-	8,678,858.16	4,339,700.00	6,989,500.00	37,906,471.44
Total to 1st July, 1983	13,948,548.59	15,880,400.86	-	14,275,736.49	5,553,928.61	9,121,184.22	58,779,798.77
<u>DURING 1982/83</u>							
Principal	1,247,001.16	1,060,497.20	-	1,000,274.61	204,428.58	31,603.40	3,543,804.95
Sinking Fund	491,545.00	1,259,029.00	-	73,318.00	-	-	1,823,892.00
Net Interest on Investment	1,839,687.04	1,420,949.14	-	1,302,387.53	-	-	4,563,023.71
Total during 1982/83	3,578,233.20	3,740,475.34	-	2,375,980.14	204,428.58	31,603.40	9,930,720.66
Total to 30th June, 1983	17,526,781.79	19,620,876.20	-	16,651,716.63	5,758,357.19	9,152,787.62	68,710,519.43
<u>NET LIABILITY AT 30TH JUNE, 1983 - LOANS RAISED UNDER SEMI-GOVERNMENT LOAN PROGRAMME</u>							
	112,528,218.21	246,479,123.80	-	10,948,283.37	241,642.81	167,212.38	370,364,480.57
<u>"D" INTERNAL LOANS FROM LOAN RESERVES</u>							
<u>GROSS LIABILITY</u>							
Loans prior to 1st July, 1982	10,500,000.00	13,500,000.00					24,000,000.00
Loans 1982/83		2,600,000.00					2,600,000.00
Total to 30th June, 1983	10,500,000.00	16,100,000.00					26,600,000.00
<u>REPAYMENTS OF PRINCIPAL</u>							
Prior to 1st July, 1982	-	-					-
During 1982/83	-	-					-
Total to 30th June, 1983	-	-					-
<u>NET LIABILITY AT 30TH JUNE, 1983 - INTERNAL LOANS</u>							
	10,500,000.00	16,100,000.00					26,600,000.00



## SUMMARY OF LOAN AND LEVERAGED LEASE LIABILITIES AS AT 30TH JUNE, 1983 (Continued)

APPENDIX 3

	County of Cumberland Fund	Country Fund	Developmental Roads	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$	\$
<u>"E" TOLL FUNDS SET ASIDE FOR REPAYMENT OF LOANS</u>							
Prior to 1st July, 1982					13,326,916.59	26,850.31	13,353,766.90
During 1982/83							
Funds set aside					1,633,632.36	-	1,633,632.36
Interest on Investment					1,903,294.51	845,512.78	2,748,807.29
Total during 1982/83					3,536,926.87	845,512.78	4,382,439.65
<u>TOTAL TOLL FUNDS SET ASIDE TO 30TH JUNE, 1983</u>					16,863,843.46	872,363.09	17,736,206.55
* NET LOAN LIABILITY ON BORROWINGS FROM GENERAL LOAN ACCOUNT, LOANS RAISED UNDER SEMI-GOVERNMENT LOAN PROGRAMME AND INTERNAL LOANS RAISED FROM LOAN RESERVES	185,034,918.12	306,312,684.30	2,319,078.32	13,940,955.48	8,020,626.12	8,177,069.32	523,805,331.66
<u>"F" FINANCE FROM LEVERAGED LEASE OF DEPARTMENT'S PLANT AND TRUCKS</u>							
<u>GROSS LIABILITY</u>							
Finance Prior to 1st July, 1982		7,800,000.00					7,800,000.00
Finance 1982/83		-					-
Total to 30th June, 1983		7,800,000.00					7,800,000.00
<u>REPAYMENTS OF PRINCIPAL</u>							
Prior to 1st July, 1982		-					-
During 1982/83		-					-
Total to 30th June, 1983		-					-
<u>NET LIABILITY AT 30TH JUNE, 1983 - LEVERAGED LEASE FINANCE</u>		7,800,000.00					7,800,000.00
<u>NET LIABILITY ON LOANS AND FINANCE FROM LEVERAGED LEASES AS AT 30TH JUNE, 1983</u>	185,034,918.12	314,112,684.30	2,319,078.32	13,940,955.48	8,020,626.12	8,177,069.32	531,605,331.66



## SEMI-GOVERNMENT LOANS - SCHEDULE OF MATURITIES

APPENDIX 4

AS AT 30TH JUNE, 1983

Year	County of Cumberland Fund	Country Fund	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$
1983-84	2,010,000	44,797,900	561,100	400,000	510,000	48,279,000
1984-85	1,745,000	20,768,700	506,000	180,000	100,000	23,299,700
1985-86	19,834,021	70,003,685	1,005,000	-	110,000	90,952,706
1986-87	2,881,863	14,906,637	1,655,000	706,100	1,813,000	21,962,600
1987-88	150,000	2,685,100	1,000,000	-	100,000	3,935,100
1988-89	2,856,422	3,009,778	2,344,000	202,200	700,000	9,112,400
1989-90	50,000	5,331,300	200,000	-	20,000	5,601,300
1990-91	14,452,000	12,748,700	-	-	352,000	27,552,700
1991-92	2,669,751	14,804,449	125,000	450,000	50,000	18,099,200
1992-93	22,036,000	11,444,500	2,975,000	570,400	1,172,500	38,198,400
1993-94	4,130,000	1,328,400	1,600,000	-	-	7,058,400
1994-95	974,000	622,800	300,000	-	-	1,896,800
1995-96	2,200,000	3,100,000	-	-	-	5,300,000
1996-97	1,077,943	880,057	-	-	-	1,958,000
1997-98	2,015,000	21,113,700	27,000	881,000	127,000	24,163,700
1998-99	10,300,000	10,000,000	115,000	200,000	635,000	21,250,000
1999-2000	-	200,000	-	-	-	200,000
Subsequent to 30th June, 2000	10,652,000	14,060,000	2,250,000	750,000	1,300,000	29,012,000
SUB-TOTALS	100,034,000	251,805,706	14,663,100	4,339,700	6,989,500	377,832,006
Amortisation, Loans	22,745,068	7,332,191	6,339,747	241,643	167,213	36,825,862
TOTALS	122,779,068	259,137,897	21,002,847	4,581,343	7,156,713	414,657,868



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM- WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	FREEWAYS							
F3	GOSFORD	DEVIATION OF HIGHWAY AT KARIONG PAVEMENT & FINISHING WORKS	DEPT	1	1,521,907			1,521,907
F3	GOSFORD	CALGA TO MOONEY MOONEY CREEK EARTHWORKS & FINISHING WORKS	DEPT	1	2,427,321			2,427,321
F3	GOSFORD	KARIONG TO SOMERSBY 72.0 KM TO 78.0 KM NORTH OF PUBLIC UTILITY ADJUSTMENT	SYDNEY DEPT	1	172,800			172,800
F3	GOSFORD	MOONEY MOONEY CREEK TO KARIONG PUBLIC UTILITIES ADJUSTMENTS	DEPT	1	443,469			443,469
F3	GOSFORD	KARIONG TO SOMERSBY 72.0 KM TO 78.0 KM NORTH OF DIVIDED CARRIAGEWAYS - PRELIMINARY WORKS	SYDNEY DEPT	1	115			115
F3	GOSFORD	SOMERSBY TO OURIMBAH 75.3 KM TO 82.6 KM NORTH OF DIVIDED CARRIAGEWAYS	SYDNEY DEPT	1	8,392,676			8,392,676
F3	GOSFORD	MOONEY MOONEY CREEK 66.9 KM NORTH OF SYDNEY THREE SPAN BOX GIRDER BRIDGE	DEPT	1	3,848,003			3,848,003
F3	GOSFORD	37.94 KM TO 55.4 KM NORTH OF SYDNEY BITUMINOUS SURFACING	DEPT	6	982,854			982,854
F3	GOSFORD	DUG TRAP RD SOUTH 73.2 KM NORTH OF SYDNEY OVERBRIDGE	DEPT	1	336,576			336,576
F3	GOSFORD	SH10 67.95 KM NORTH OF SYDNEY OVERBRIDGE	DEPT	1	515,552			515,552
F3	HORNSBY	HORNSBY WORKS OFFICE PRELIMINARY WORKS	DEPT	6	15,058			15,058
F3	LAKE MACQUARIE	104.2 KM TO 109.1 KM NORTH OF SYDNEY EARTHWORKS, DRAINAGE & PROVISION OF BOUNDARY FENCE	DEPT	1	1,904,765			1,904,765
F3	LAKE MACQUARIE	104.2 KM TO 109.1 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	1	42,012			42,012
F3	SYDNEY	NORTH WESTERN FREEWAY AT KING ST, SYDNEY FOUNDATIONS, SUBSTRUCTURES, VIADUCTS & ASSOCIATED WORKS	DEPT	6	52,971	19,609	39,266	111,846
F3	SYDNEY	NORTH WESTERN FREEWAY AT PYRMONT ST, SYDNEY FOUNDATIONS, SUBSTRUCTURES, VIADUCTS & ASSOCIATED WORKS	DEPT	6	27,726	10,264	20,552	58,542
F3	SYDNEY	NORTH WESTERN FREEWAY AT BATHURST ST, SYDNEY FOUNDATIONS, SUBSTRUCTURES, VIADUCTS & ASSOCIATED WORKS	DEPT	6	270,985	100,278	200,801	571,964



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0002

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F3	SYDNEY	DRUITT ST, CITY TO BRIDGE RD, GLEBE PUBLIC UTILITIES ADJUSTMENTS - M.W.S.& D.B.	DEPT	6	15,047	5,570	11,154	31,771
F3	SYDNEY	DRUITT ST, CITY TO BRIDGE RD, GLEBE PUBLIC UTILITIES ADJUSTMENTS - PUBLIC TRANSPORT COMMISSION	DEPT	6	14,977	5,544	11,102	31,623
F3	SYDNEY	EASTERN TERMINAL OF NORTH WESTERN FREEWAY AT DARLING HARBOUR PEDESTRIAN RAMPS & FOOTBRIDGE	DEPT	6	59,012	21,845	43,744	124,601
F3	SYDNEY	UNION ST TO PYRMONT ST, PYRMONT LANDSCAPING	COUNCIL	6	18,645	6,902	13,821	39,368
F3	WYONG	90.3 KM TO 98.2 KM NORTH OF SYDNEY DIVIDED CONCRETE PAVEMENT	DEPT	1	5,208,063			5,208,063
F3	WYONG	98.0 KM TO 106.4 KM NORTH OF SYDNEY MOTORWAY CONNECTION	DEPT	1	1,506,369			1,506,369
F3	WYONG	OURIMBAH CREEK RD 82.3 KM NORTH OF SYDNEY SINGLE SPAN FREEWAY BRIDGE	DEPT	1	310,187			310,187
F3	WYONG	OURIMBAH CREEK TO WYONG RIVER 84.0 KM TO 90.2 KM NTH OF SYDNEY DIVIDED FOUR LANE CARRIAGEWAYS	DEPT	1	4,962,376			4,962,376
F3	WYONG	WYEE BIFURCATION TO DOYALSON 98.0 KM TO 106.4 KM NTH OF SYDNEY MOTORWAY CONNECTION	DEPT	1	4,292,083			4,292,083
F3	WYONG	90.3 KM TO 99.0 KM NORTH OF SYDNEY DIVIDED FOUR LANE CARRIAGEWAYS	DEPT	1	3,857,648			3,857,648
F3	WYONG	WYEE TO MORISSET 99.0 KM TO 103.6 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	6	236,246			236,246
F3	WYONG	BRIDGE OVER WYONG RIVER 90.3 KM NORTH OF SYDNEY MANUFACTURE & DELIVERY OF GIRDERS	DEPT	1	1,406			1,406
F3	WYONG	COBB RD 87.3 KM NORTH OF SYDNEY SINGLE OVERPASS BRIDGE	DEPT	1	3,245			3,245
F3	WYONG	BRIDGE OVER WYONG RIVER 90.3 KM NORTH OF SYDNEY SUBSTRUCTURE & PILES	DEPT	1	12,440			12,440
F3	WYONG	GREAT NORTHERN RAILWAY LINE 100.9 KM NORTH OF SYDNEY MOTORWAY BRIDGE	DEPT	1	138,500			138,500
F3	WYONG	SPRING CREEK 103.2 KM NORTH OF SYDNEY MOTORWAY BRIDGES	DEPT	1	7,258			7,258



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0003

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	FREeways (CONT'D)							
F3	WYONG	93.5 KM NORTH OF SYDNEY AT ST JOHNS RD TWIN FREEWAY BRIDGES	DEPT	1	1,029			1,029
F3	WYONG	TOOHEYS RD 100.55 KM NORTH OF SYDNEY UNDERPASS	DEPT	1	57,906			57,906
F3	WYONG	MANNERING CREEK 103.2 KM NORTH OF SYDNEY REINFORCED CONCRETE BOX CULVERT	DEPT	1	1,548			1,548
F3	WYONG	SPARKS RD, WYONG OVERPASS	DEPT	1	756,227			756,227
F3	WYONG	ALISON RD, WYONG OVERPASS	DEPT	1	257,048			257,048
F3	WYONG	DEEP CREEK NO 2 AT 89.4 KM NORTH OF SYDNEY TWIN BRIDGES - SUPERSTRUCTURE	DEPT	1	660,606			660,606
F3	WYONG	DEEP CREEK NO 3 AT 89.5 KM NORTH OF SYDNEY TWIN BRIDGES - SUPERSTRUCTURE	DEPT	1	478,512			478,512
F3	WYONG	DEEP CREEK NO 2 AT 89.35 KM NORTH OF SYDNEY TWIN BRIDGES - SUBSTRUCTURE	DEPT	1	19,673			19,673
F3	WYONG	DEEP CREEK NO 3 AT 89.5 KM NORTH OF SYDNEY TWIN BRIDGES - SUBSTRUCTURE	DEPT	1	34,245			34,245
F3	WYONG	DEEP CREEK NO 1 AT 89.0 KM NORTH OF SYDNEY FREEWAY BRIDGE - SUPERSTRUCTURE	DEPT	1	100,814			100,814
F3	WYONG	WYONG RIVER 90.3 KM NORTH OF SYDNEY TWIN BRIDGES - SUPERSTRUCTURE	DEPT	1	660,579			660,579
F3	WYONG	MCPHERSON'S RD 88.8 KM NORTH OF SYDNEY TWIN UNDERPASS BRIDGES	DEPT	1	161,749			161,749
F3	WYONG	DOG TRAP RD NORTH 79.2 KM NORTH OF SYDNEY OVERBRIDGE	DEPT	1	449,933			449,933
F3	WYONG	MCPHERSON'S RD, WYONG TWIN UNDERPASS BRIDGES	DEPT	1	-1,483			-1,483
	TOTAL	F3						45,747,030
F4	CONCORD	YOUNG ST TO SALEYARDS CREEK 13.6 KM TO 15.2 KM WEST OF SYDNEY DIVIDED TWO LANE CARRIAGEWAYS - FIRST STAGE	DEPT	6	1,598,040	591,571	1,184,588	3,374,199



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0004

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	FREEWAYS (CONT'D)							
F4	CONCORD OVERBRIDGE	NORTHERN RAILWAY LINE AT STRATHFIELD	DEPT	6	303,806	112,465	225,204	641,475
F4	HOLROYD PEDESTRIAN OVERBRIDGE	FRANKLIN ST 24.2 KM WEST OF SYDNEY	DEPT	6	91	34	67	192
F4	HOLROYD DIVIDED TWO LANE CARRIAGEWAYS - STAGE ONE	CHURCH ST TO MAY'S HILL 22.9 KM TO 25.9 KM WEST OF SYDNEY	DEPT	6	3,615,470	1,338,394	2,680,061	7,633,925
F4	HOLROYD OVERBRIDGE	BURNETT ST, MAY'S HILL 24.7 KM WEST OF SYDNEY	DEPT	6	-342	-127	-254	-723
F4	PARRAMATTA VIADUCT	WENTWORTH ST, CLYDE TO CHURCH ST, PARRAMATTA	DEPT	6	47,116	17,442	34,926	99,484
F4	PARRAMATTA ONLOADING RAMP	BRIDGE OVER DUCK RIVER & WENTWORTH ST, CLYDE	DEPT	6	63,650	23,562	47,182	134,394
F4	PARRAMATTA OFFLOADING RAMP	BRIDGE OVER WENTWORTH ST, CLYDE 21.1 KM WEST OF SYDNEY	DEPT	6	76,506	28,321	56,712	161,539
F4	PARRAMATTA NINE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DUCK RIVER 20.43 KM WEST OF SYDNEY	DEPT	6	394	146	292	832
F4	PENRITH STRENGTHENING OF SELECTED LENGTHS OF PAVEMENT - STAGE TWO	BRINGELLY RD, REGENTVILLE TO RUSSELL ST, EMU PLAINS	DEPT	6	403	149	298	850
F4	PENRITH WESTERN INTERCHANGE	MAMRE RD 45.5 KM WEST OF PENRITH	DEPT	6	152,573	56,480	113,098	322,151
F4	STRATHFIELD DIVIDED TWO LANE CARRIAGEWAYS	SALEYARDS CREEK TO BERRY ST, CLYDE	DEPT	6	1,940,294	718,268	1,438,293	4,096,855
F4	STRATHFIELD PEDESTRIAN OVERBRIDGE	WENTWORTH RD, HOMEBUSH	DEPT	6	73,014	27,029	54,123	154,166
	TOTAL F4							16,619,339
F5	CAMPBELLTOWN INTERCHANGE	53.45 KM TO 55.04 KM SOUTH OF SYDNEY	DEPT	6	123,625			123,625
F5	CAMPBELLTOWN PRESTRESSED CONCRETE BRIDGE	MAIN SOUTHERN RAILWAY LINE, GLENLEE	DEPT	6	74	27	55	156
F5	LIVERPOOL SEVEN SPAN REINFORCED CONCRETE BRIDGE	GEORGES RIVER, CASULA	DEPT	6	573,347	212,245	425,008	1,210,600



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0005

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
FREEWAYS (CONT'D)								
F5	LIVERPOOL	GEORGES RIVER BRIDGE FROM MODREBANK AVE TO SH2, LIVERPOOL	DEPT	6	13,052	4,832	9,675	27,559
	APPROACHES							
F5	WOLLONDILLY	NEPEAN RIVER 70.4 KM SOUTH OF SYDNEY AT DOUGLAS PARK	DEPT	1	40,883			40,883
	TWIN REINFORCED CONCRETE BRIDGES							
F5	WOLLONDILLY	MCOLGUN CREEK 73.7 KM SOUTH OF SYDNEY	DEPT	1	2,060	1,200	2,009	5,269
	TWIN FREEWAY BRIDGES							
F5	WOLLONDILLY	PHEASANTS NEST TO YANDERRA 77.3 KM TO 102.7 KM SOUTH OF SYDNEY	DEPT	1	6,396	3,726	6,238	16,360
	DIVIDED FOUR LANE CARRIAGEWAYS							
TOTAL F5								1,424,452
F6	WOLLONGONG	MT BROWN TO YALLAH 14.2 KM TO 17.5 KM SOUTH OF WOLLONGONG	DEPT	6		2,360,532		2,360,532
	SINGLE CARRIAGEWAY							
F6	WOLLONGONG	DUCK CREEK 2.0 KM SOUTH OF DAPTO	DEPT	6		76,829		76,829
	THREE SPAN PRESTRESSED CONCRETE PLANK BRIDGE							
F6	WOLLONGONG	KANAHOOKA RD TO EMERSON RD, DAPTO	DEPT	6		627,594		627,594
	DIVIDED CARRIAGEWAYS							
F6	WOLLONGONG	NORTHCLIFFE DR TO KANAHOOKA RD, KEMBLA GRANGE	DEPT	6		185,911		185,911
	DIVIDED CARRIAGEWAYS							
F6	WOLLONGONG	EMERSON RD TO YALLAH 14.2 KM TO 17.5 KM SOUTH OF WOLLONGONG	DEPT	6		544,020		544,020
	SINGLE CARRIAGEWAY							
TOTAL F6								3,794,886
F8	WOLLONGONG	GRADE SEPARATION BRIDGE OVER FREEWAY AT NORTH WOLLONGONG	DEPT	6	294,673			294,673
	PRELIMINARY WORKS							
F8	WOLLONGONG	CABBAGE TREE CREEK, NORTH WOLLONGONG	DEPT	6		9,115		9,115
	THREE SPAN PRESTRESSED CONCRETE BRIDGE - PILE DRIVING TESTS							
F8	WOLLONGONG	DISCONNECTION OF WATER & SEWERAGE BY M.W.S.D.B	COUNCIL	6		102		102
	PUBLIC UTILITY ADJUSTMENT							
F8	WOLLONGONG	INTERCHANGE BETWEEN FB & SH1 AT NORTH WOLLONGONG	DEPT	6		1,476,625		1,476,625
	APPROACHES TO NEW RAIL OVERBRIDGE & BRIDGE OVER FREEWAY							
F8	WOLLONGONG	2.0 KM NORTH OF WOLLONGONG	DEPT	6		16,653		16,653
	PUBLIC UTILITY ADJUSTMENTS							



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0006

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COMMONWLT H	SOURCE OF STATE	FUNDS LOANS	TOTAL
	FREEWAYS (CONT'D)					\$	\$	\$
F8	WOLLONGONG	SOUDAN ST, FAIRY MEADOW TO TOWRADGI RD, TOWRADGI	DEPT	6		246,486		246,486
		PRELIMINARY FILLING						
TOTAL	F8							2,043,654
TOTAL		FREEWAYS			54,161,703	8,849,643	6,618,015	69,629,361



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0007

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS							
1	BEGA VALLEY WIDENING	BRIDGE OVER WONBOYN RIVER 27.3 KM SOUTH OF EDEN	DEPT	2	70,289	40,953	68,562	179,804
1	BEGA VALLEY APPROACHES	BRIDGE OVER MERIMBULA LAKE 34.8 KM SOUTH OF BEGA	DEPT	2	272,838	158,968	266,134	697,940
1	BEGA VALLEY APPROACHES	BRIDGE OVER WONBOYN RIVER 26.4 KM TO 27.8 KM SOUTH OF EDEN	DEPT	2	25,795	15,029	25,161	65,985
1	BEGA VALLEY IMPROVEMENT OF	PRINCES HIGHWAY & MARKET ST, MERIMBULA INTERSECTION	DEPT	2	63,914	37,239	62,344	163,497
1	BEGA VALLEY THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	MERIMBULA LAKE, MERIMBULA	DEPT	2	105,213	61,302	102,627	269,142
1	EUROBODALLA	59.7 KM TO 64.5 KM SOUTH OF BATEMANS BAY PAVEMENT WIDENING & PROVISION OF OVERTAKING LANES	DEPT	2	30,452	17,743	29,704	77,899
1	EUROBODALLA DEVIATION	VESPER ST 0 KM TO 2.1 KM SOUTH OF BATEMANS BAY	DEPT	2	22,397	13,049	21,847	57,293
1	EUROBODALLA	71.7 KM TO 77.8 KM SOUTH OF BATEMANS BAY WIDENING OF PAVEMENT & SHOULDER SEALING	DEPT	2	55,021	32,058	53,669	140,748
1	EUROBODALLA	42.0 KM TO 45.0 KM SOUTH OF BATEMANS BAY WIDENING OF SHOULDERS	DEPT	2	121,178	70,604	118,200	309,982
1	EUROBODALLA	111.7 KM TO 118.9 KM SOUTH OF NOWRA RECONSTRUCTION OF PAVEMENT & SEALING OF SHOULDERS	DEPT	2	375,891	219,011	366,654	961,556
1	EUROBODALLA TRAFFIC SAFETY IMPROVEMENTS	VARIOUS LOCATIONS	DEPT	2	67,599	39,386	65,938	172,923
1	KIAMA CLIMBING LANE	117.5 KM TO 119.1 KM SOUTH OF SYDNEY AT HARTS HILL, KIAMA	DEPT	6		147,698		147,698
1	KIAMA RECONSTRUCTION	46.3 KM TO 47.3 KM SOUTH OF WOLLONGONG	DEPT	6		1,097,959		1,097,959
1	KIAMA IMPROVEMENT OF ALIGNMENT	42.3 KM TO 46.3 KM SOUTH OF WOLLONGONG	DEPT	6		649,566		649,566
1	KOGARAH PUBLIC UTILITIES ADJUSTMENTS	DUPLICATION OF BRIDGE OVER GEORGES RIVER AT TOM UGLY'S POINT	DEPT	6	1,206,470			1,206,470
1	KOGARAH PUBLIC UTILITY ADJUSTMENT	BRIDGE OVER GEORGES RIVER AT TOM UGLY'S POINT	COUNCIL	6	306,658	113,520	227,318	647,496



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0008

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
1	ROCKDALE	FOREST RD & WICKHAM ST, ARNCLIFFE CHANNELISATION OF INTERSECTION	DEPT	6	472,433	174,898	350,203	997,524
1	SHELLHARBOUR	23.2 KM SOUTH OF WOLLONGONG RELOCATION OF QUARRY ACCESS	DEPT	6		35,939		35,939
1	SHOALHAVEN	LUNCHEON CREEK 42.96 KM SOUTH OF NOWRA REINFORCED CONCRETE BOX CULVERT	DEPT	2	18,565	10,817	18,109	47,491
1	SHOALHAVEN	BRIDGE OVER SHOALHAVEN RIVER, NOWRA SOUTHBOUND CYCLEWAY	DEPT	2	5,171	3,013	5,044	13,228
1	SHOALHAVEN	BRIDGE OVER TOMERONG CREEK 22.0 KM TO 22.9 KM SOUTH OF NOWRA WIDENING OF APPROACHES	DEPT	2	295,421	172,125	288,162	755,708
1	SHOALHAVEN	TWIN BRIDGES OVER SHOALHAVEN RIVER, NOWRA NORTHERN APPROACHES	DEPT	2	27,605	16,084	26,927	70,616
1	SHOALHAVEN	MIDDLE CREEK, NOWRA 262.1 KM SOUTH OF SYDNEY WIDENING OF APPROACHES	DEPT	2	5,786	3,371	5,644	14,801
1	SHOALHAVEN	BACKHOUSE CREEK, NOWRA 263.0 KM SOUTH OF SYDNEY WIDENING OF APPROACHES	DEPT	2	30,448	17,740	29,700	77,888
1	SHOALHAVEN	EAST ST, NOWRA FROM SHOALHAVEN RIVER TO BROWNS CREEK DIVIDED TWO LANE CARRIAGEWAYS	DEPT	2	428,404	249,608	417,877	1,095,889
1	SHOALHAVEN	78.1 KM TO 78.5 KM SOUTH OF WOLLONGONG CHANNELISATION OF INTERSECTION	DEPT	2	57,614	33,568	56,198	147,380
1	SHOALHAVEN	13.0 KM TO 16.0 KM SOUTH OF NOWRA HEAVY PATCHING	DEPT	2	102,834	59,916	100,307	263,057
1	SUTHERLAND	FOREST RD, KIRRAWEE PEDESTRIAN OVERBRIDGE	DEPT	6	127,370	47,151	94,417	268,938
1	SUTHERLAND	SH1 & HEATHCOTE RD, HEATHCOTE TWIN RIGHT TURN LANES	DEPT	6	6,733	2,493	4,991	14,217
1	SUTHERLAND	SH1 & THE BOULEVARDE, KIRRAWEE RECONSTRUCTION OF INTERSECTION	DEPT	6	5,043	1,857	3,738	10,648
1	SUTHERLAND	PORT HACKING RD TO BATES DR, SYLVANIA TURN RIGHT BAYS	DEPT	6	49,003	18,140	36,325	103,468
1	WOLLONGONG	44.9 KM TO 70.8 KM SOUTH OF SYDNEY HEAVY PATCHING OF PAVEMENT	DEPT	6	90,224	33,400	66,881	190,505



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0009

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
1	WOLLONGONG	46.6 KM TO 47.4 KM SOUTH OF SYDNEY PROVISION OF PASSING LANES	DEPT	6	42,433	15,708	31,455	89,596
1	WOLLONGONG	67.2 KM TO 69.6 KM SOUTH OF SYDNEY SUBSOIL, DRAINAGE & RESTORATION OF FORMATION WIDTH	DEPT	6	95,305	35,281	70,647	201,233
1	WOLLONGONG	4.5 KM TO 9.1 KM SOUTH OF WOLLONGONG REHABILITATION OF PAVEMENT	DEPT	6		650,259		650,259
1	WOLLONGONG	HOBART ST TO STURDEE AVE, BULLI KERBSIDE LANES	COUNCIL	6		6,429		6,429
1	WOLLONGONG	GIBSONS RD TO FIVE ISLANDS RD, FIGTREE RECONSTRUCTION INCLUDING SIDE STRIPS	COUNCIL	6		11,797		11,797
1	WOLLONGONG	88.40 KM TO 89.04 KM SOUTH OF SYDNEY AT DEVIATION OF MR295 IMPROVEMENT OF INTERSECTION	COUNCIL	6		425,241		425,241
1	WOLLONGONG	13.6 KM TO 14.9 KM SOUTH OF WOLLONGONG AT DAPTO DIVIDED CARRIAGEWAYS	COUNCIL	6		100,104		100,104
1	WOLLONGONG	GLADSTONE AVE TO GIBSONS RD, FIGTREE FOUR LANE CARRIAGEWAY	COUNCIL	6		188,748		188,748
1	WOLLONGONG	SOUTH COAST RAILWAY LINE, NORTH WOLLONGONG THREE SPAN REINFORCED CONCRETE BRIDGE	DEPT	6		632,065		632,065
1	WOLLONGONG	SOUTH COAST RAILWAY LINE, YALLAH SINGLE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	6		326,059		326,059
	TOTAL	1						13,584,786
2	ALBURY	82.6 KM TO 102.7 KM SOUTH OF GUNDAGAI REHABILITATION OF FLAKING SECTIONS OF PAVEMENT	DEPT	1	881,774			881,774
2	ALBURY	153.0 KM TO 160.9 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	279,522			279,522
2	ALBURY	177.4 KM TO 177.7 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	9,024			9,024
2	ALBURY	171.8 KM TO 172.3 KM SOUTH OF GUNDAGAI IMPROVEMENT OF INTERSECTION	DEPT	1	68,020	39,631	66,349	174,000
2	ALBURY	80.75 KM TO 82.60 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS	DEPT	1	363,137			363,137



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0010

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
2	BANKSTOWN	ROBERT RD & PEMBERTON ST, CHULLORA RECONSTRUCTION OF INTERSECTION	DEPT	6	3,307	1,224	2,451	6,982
2	GOULBURN	1.12 KM TO 3.20 KM SOUTH OF GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	35,613			35,613
2	GOULBURN	MUNDY ST TO MARY ST, GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	4,441			4,441
2	GOULBURN	UNION ST TO BRADLEY ST, GOULBURN DIVIDED THREE LANE CARRIAGEWAYS	COUNCIL	1	450,674			450,674
2	GUNDAGAI	ADELONG CREEK 13.65 KM SOUTH OF GUNDAGAI FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	1	9,407	5,481	9,176	24,064
2	GUNDAGAI	13.5 KM TO 22.3 KM SOUTH OF GUNDAGAI EARTHWORKS & DRAINAGE	DEPT	1	225,043			225,043
2	GUNDAGAI	11.3 KM TO 13.5 KM SOUTH OF GUNDAGAI - SECTION 1A DIVIDED TWO LANE CARRIAGEWAYS	DEPT	1	44,440			44,440
2	GUNDAGAI	22.3 KM TO 28.6 KM SOUTH OF GUNDAGAI - SECTION 2 DIVIDED TWO LANE CARRIAGEWAYS	DEPT	1	363,211			363,211
2	GUNDAGAI	13.5 KM TO 22.3 KM SOUTH OF GUNDAGAI - SECTION 1 PROVISION OF CONCRETE PAVEMENT	DEPT	1	5,107,994			5,107,994
2	GUNDAGAI	22.3 KM TO 28.6 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS	DEPT	1	1,892,123			1,892,123
2	GUNDAGAI	22.3 KM TO 28.6 KM SOUTH OF GUNDAGAI - SECTION 2 DIVIDED TWO LANE CARRIAGEWAYS	DEPT	1	15,682			15,682
2	GUNDAGAI	28.0 KM TO 37.0 KM SOUTH OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	127,195			127,195
2	GUNDAGAI	18.0 KM TO 21.0 KM SOUTH OF GUNDAGAI STRENGTHENING OF PAVEMENT	DEPT	1	37,278			37,278
2	GUNDAGAI	76.0 KM TO 77.5 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	31,033			31,033
2	GUNDAGAI	11.3 KM TO 13.5 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS ON DEVIATION - SECTION 1A	DEPT	1	80,749	47,048	78,765	206,562
2	GUNDAGAI	BIGBEN CREEK 3.2 KM TO 12.8 KM SOUTH OF GUNDAGAI FOUR LANE CARRIAGEWAY	DEPT	1	493			493



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0011

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH 1	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
2	GUNDAGAI	22.3 KM TO 28.6 KM SOUTH OF GUNDAGAI ACCOMMODATION WORKS & TEMPORARY ACCESS	DEPT	1	181,046			181,046
2	GUNDAGAI	89.9 KM TO 94.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	5,169			5,169
2	GUNDAGAI	13.6 KM TO 22.2 KM SOUTH OF GUNDAGAI STRENGTHENING OF PAVEMENT	DEPT	1	-58,777			-58,777
2	GUNDAGAI	JUGIONG TO TARCUTTA RANGE 47.9 KM TO 138.9 KM SOUTH OF YASS RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	140,622			140,622
2	GUNDAGAI	HILLAS CREEK 26.0 KM SOUTH OF GUNDAGAI TWIN BRIDGES	DEPT	1	705,532	24,451	40,934	770,917
2	GUNDAGAI	ADELONG CREEK 13.65 KM SOUTH OF GUNDAGAI FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	1	709,805			709,805
2	GUNDAGAI	99.9 KM SOUTH OF YASS HEAVY PATCHING	DEPT	1	8,331			8,331
2	GUNDAGAI	BIGBEN CREEK TO TUMBLONG 3.2 KM TO 12.8 KM SOUTH OF GUNDAGAI TWO LANE CARRIAGEWAY	DEPT	1	511,023			511,023
2	GUNDAGAI	65.8 KM TO 78.1 KM SOUTH OF YASS DIVIDED CARRIAGEWAYS	DEPT	1	916,575			916,575
2	GUNDAGAI	7.84 KM TO 9.56 KM SOUTH OF GUNDAGAI REMOVAL OF TOPSOIL & REPLACEMENT OF STORMWATER DRAINAGE	DEPT	1	365,077			365,077
2	GUNDAGAI	11.3 KM TO 13.5 KM SOUTH OF GUNDAGAI - SECTION 1A DIVIDED CARRIAGEWAYS ON DEVIATION - DEPARTMENT BID	DEPT	1	2,696,644			2,696,644
2	GUNDAGAI	SH2 & SH4 27.7 KM TO 28.3 KM SOUTH OF GUNDAGAI IMPROVEMENT OF INTERSECTION	DEPT	1	3,279			3,279
2	GUNDAGAI	102.5 KM SOUTH OF YASS ALTERATION TO SOUTH POUND LOADING RAMP	DEPT	1	669			669
2	GUNNING	24.4 KM TO 30.1 KM SOUTH OF OF GOULBURN WIDENING OF FORMATION & SEALING OF SHOULDERS	DEPT	1	168,790			168,790
2	GUNNING	50.58 KM TO 56.90 KM SOUTH OF GOULBURN WIDENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	112			112
2	GUNNING	BRIDGE OVER MUTMUTBILLY CREEK 30.4 KM SOUTH OF GOULBURN WIDENING	DEPT	1	603			603



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0012

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
2	GUNNING WIDENING	SULLIVAN'S BRIDGE 34.8 KM SOUTH OF GOULBURN	DEPT	1	332			332
2	GUNNING APPROACHES	SULLIVAN'S BRIDGE 34.8 KM SOUTH OF GOULBURN	DEPT	1	-113			-113
2	GUNNING CLIMBING LANE & WIDENING OF APPROACHES	BRIDGE OVER MUTHUTGILLY CREEK 30.1 KM SOUTH OF GOULBURN	DEPT	1	16,304			16,304
2	GUNNING WIDENING & SEALING OF SHOULDERS	50.5 KM TO 52.2 KM & 54.2 KM TO 56.1 KM SOUTH OF GOULBURN	DEPT	1	200,422			200,422
2	HARDEN THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	COONEY'S CREEK 66.4 KM SOUTH OF YASS	DEPT	1	600,050			600,050
2	HARDEN STRENGTHENING OF PAVEMENT	62.5 KM TO 66.2 KM SOUTH OF YASS	DEPT	1	27,269			27,269
2	HARDEN CLIMBING LANE	42.75 KM TO 43.50 KM SOUTH OF YASS	DEPT	1	76,707			76,707
2	HARDEN HEAVY PATCHING	49.30 KM TO 49.75 KM SOUTH OF YASS	DEPT	1	1,681			1,681
2	HOLBROOK PROVISION OF TURNING LANES	HUME HIGHWAY & WAGGA RD, HOLBROOK	DEPT	1	92,775			92,775
2	HOLBROOK PROVISION OF TURNING LANES	HUME HIGHWAY & BARDWELL ST, HOLBROOK	DEPT	1	91,877			91,877
2	HOLBROOK WIDENING OF PAVEMENT & SEALING OF SHOULDERS	7.7 KM TO 12.5 KM NORTH OF HOLBROOK	DEPT	1	221,834			221,834
2	HOLBROOK IMPROVEMENT OF DRAINAGE & STRENGTHENING OF PAVEMENT	136.6 KM TO 138.2 KM SOUTH OF SUNDAGAI	DEPT	1	4,340			4,340
2	HUME STRENGTHENING OF PAVEMENT & BITUMINOUS SURFACING	169.0 KM TO 184.0 KM SOUTH OF SUNDAGAI AT ALBURY	DEPT	1	997,162			997,162
2	HUME STRENGTHENING OF PAVEMENT	160.9 KM TO 163.7 KM SOUTH OF SUNDAGAI	DEPT	1	174			174
2	LIVERPOOL PUBLIC UTILITY ADJUSTMENT	CROSS ROADS, LIVERPOOL TO BRIDGE OVER F5	COUNCIL	6	11,866	4,393	8,796	25,055
2	MULWAREE STRENGTHENING OF PAVEMENT	3.0 KM TO 13.3 KM SOUTH OF GOULBURN	DEPT	1	899,268			899,268



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0013

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
2	MULWAREE	SH3 TO BREADALBANE HILL 13.3 KM TO 20.5 KM SOUTH OF GOULBURN	DEPT	1	162,975			162,975
	DIVIDED CARRIAGEWAYS							
2	MULWAREE	13.3 KM TO 20.5 KM SOUTH OF GOULBURN	DEPT	1	205,922			205,922
	DIVIDED CARRIAGEWAYS							
2	MULWAREE	GOVERNORS HILL 79.5 KM SOUTH OF MITTAGONG	DEPT	1	54,619			54,619
	IMPROVEMENT & STRENGTHENING OF REST AREA CURVE							
2	MULWAREE	BOXERS CREEK 9.0 KM NORTH OF GOULBURN	DEPT	1	31,906			31,906
	RECONSTRUCTION OF FAILED PAVEMENT							
2	MULWAREE	30.0 KM TO 32.0 KM NORTH OF GOULBURN	DEPT	1	107,469			107,469
	STRENGTHENING OF CLIMBING LANE PAVEMENT							
2	MULWAREE	14.7 KM TO 19.0 KM SOUTH OF GOULBURN	DEPT	1	557,603			557,603
	RECONSTRUCTION & OVERLAY OF EXISTING PAVEMENT TO 13.4M WIDTH							
2	MULWAREE	49.0 KM TO 72.0 KM SOUTH OF GOULBURN	DEPT	1	54,701			54,701
	PATCHING OF PAVEMENT							
2	MULWAREE	61.8 KM TO 65.6 KM NORTH OF GOULBURN	DEPT	1	3,170			3,170
	OVERLAY OF PAVEMENT - STAGE 2							
2	MULWAREE	CARRICK HILL 12.0 KM NORTH OF GOULBURN	DEPT	1	7,688			7,688
	RECONSTRUCTION OF PAVEMENT							
2	MULWAREE	MARULAN TO GOULBURN 165.7 KM TO 194.3 KM SOUTH OF SYDNEY	DEPT	1	-2,449			-2,449
	RECONSTRUCTION OF PAVEMENT & IMPROVEMENT OF DRAINAGE							
2	MULWAREE	159.1 KM TO 210.4 KM SOUTH OF SYDNEY	DEPT	1	8,020			8,020
	MOTORWAY TYPE FENCING ADJACENT TO FIRST CARRIAGEWAY							
2	WAGGA WAGGA	36.27 KM TO 49.83 KM SOUTH OF SUNDAGAI	DEPT	1	410,909			410,909
	UPGRADING OF EXISTING ALIGNMENT							
2	WAGGA WAGGA	3.6 KM TO 7.7 KM SOUTH OF TARCUTTA	DEPT	1	61,476			61,476
	TWO LANE CARRIAGEWAY							
2	WAGGA WAGGA	55.6 KM TO 63.9 KM SOUTH OF SUNDAGAI	DEPT	1	98,739			98,739
	NORTHBOUND TWO LANE CARRIAGEWAY - STAGE 1							
2	WAGGA WAGGA	16.0 KM TO 20.2 KM SOUTH OF TARCUTTA	DEPT	1	94,276			94,276
	DIVIDED FOUR LANE CARRIAGEWAYS - STAGE 1							
2	WAGGA WAGGA	KYEAMBA RANGE 78.34 KM TO 85.34 KM SOUTH OF SUNDAGAI	DEPT	1	365,470			365,470
	DIVIDED CARRIAGEWAYS							



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0014

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
2	WAGGA WAGGA	53.4 KM TO 54.7 KM SOUTH OF GUNDAGAI NORTHBOUND TWO LANE CARRIAGEWAY - STAGE 1	DEPT	1	12,294			12,294
2	WAGGA WAGGA	47.7 KM TO 49.8 KM SOUTH OF GUNDAGAI WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	293,767			293,767
2	WINGECARRIBEE	154.3 KM TO 164.8 KM SOUTH OF SYDNEY DIVIDED FOUR LANE CARRIAGEWAYS	DEPT	1	51,862			51,862
2	WINGECARRIBEE	152.8 KM TO 154.3 KM SOUTH OF SYDNEY DIVIDED CARRIAGEWAYS ON IMPROVED ALIGNMENT	DEPT	1	1,352,937			1,352,937
2	WINGECARRIBEE	148.0 KM TO 151.6 KM SOUTH OF SYDNEY TWO LANE CARRIAGEWAY - BID	DEPT	1	1,500,221			1,500,221
2	WINGECARRIBEE	BLACK BOBS CREEK 26.97 KM SOUTH OF MITTAGONG FOUR SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	283,185			283,185
2	WINGECARRIBEE	SELECTED LENGTHS 81.6 KM TO 162.4 KM SOUTH OF SYDNEY HEAVY PATCHING	DEPT	1	462,024			462,024
2	WINGECARRIBEE	AYLMERTON TO MITTAGONG 116.0 KM TO 122.0 KM SOUTH OF SYDNEY DIVIDED FOUR LANE CARRIAGEWAYS	DEPT	1	691,874	403,117	674,874	1,769,865
2	WINGECARRIBEE	BLACK BOBS CREEK TO CHERRY TREE HILL FENCING & PRELIMINARY WORK	DEPT	1	80,918	47,088	78,832	206,738
2	WINGECARRIBEE	148.0 KM TO 151.6 KM SOUTH OF SYDNEY TWO LANE CARRIAGEWAY	DEPT	1	-45,018	-26,229	-43,912	-115,159
2	YASS	2.2 KM TO 47.9 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	-90,882			-90,882
2	YASS	BOOKHAM CREEK & CONNORS CREEK 33.0 KM TO 35.8 KM WEST OF YASS INTERIM WORK TO IMPROVE ALIGNMENT & GRADING	DEPT	1	1,245,130			1,245,130
2	YASS	16.1 KM TO 19.8 KM SOUTH OF YASS NORTHBOUND CARRIAGEWAY	DEPT	1	-54,888			-54,888
2	YASS	25.6 KM TO 26.1 KM SOUTH OF YASS RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	196,499			196,499
2	YASS	28.0 KM TO 28.6 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	129,062			129,062
2	YASS	24.4 KM TO 24.7 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	78,206			78,206



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0015

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
2	YASS	23.3 KM TO 23.9 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	74,916			74,916
2	YASS	16.1 KM TO 19.8 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & WIDENING OF CULVERT	DEPT	1	101,275			101,275
2	YASS	23.2 KM TO 23.6 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	58,168			58,168
2	YASS	8.0 KM TO 8.33 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	60,182			60,182
2	YASS	81.23 KM TO 81.50 KM SOUTH OF GOULBURN STRENGTHENING OF PAVEMENT	DEPT	1	779			779
2	YASS	5.0 KM TO 5.8 KM SOUTH OF YASS HEAVY PATCHING & IMPROVEMENT OF DRAINAGE	DEPT	1	290,284			290,284
2	YASS	12.0 KM TO 15.4 KM SOUTH OF YASS BITUMINOUS SURFACING OF DIVIDED CARRIAGEWAYS	DEPT	1	37,431			37,431
2	YASS	16.1 KM TO 19.8 KM SOUTH OF YASS EARTHWORKS, DRAINAGE & RECONSTRUCTION OF PAVEMENT	DEPT	1	63,123			63,123
2	YASS	16.1 KM TO 19.8 KM SOUTH OF YASS EARTHWORKS & DRAINAGE	DEPT	1	9,157			9,157
	TOTAL	2						30,193,977
3	GUNNING	37.7 KM TO 40.3 KM SOUTH OF SOULBURN WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	60,814			60,814
3	GUNNING	42.34 KM TO 49.20 KM SOUTH OF SOULBURN WIDENING OF FORMATION & SEALING OF SHOULDERS	DEPT	1	267,851			267,851
3	GUNNING	55.9 KM TO 57.7 KM SOUTH OF GOULBURN GRANULAR OVERLAY & BITUMINOUS SURFACING	DEPT	1	156,534			156,534
3	GUNNING	GEARY'S GAP 57.0 KM TO 57.75 KM SOUTH OF GOULBURN SOUTHBOUND CLIMBING LANE - STAGE 1	DEPT	1	6,298	3,670	6,143	16,111
3	GUNNING	BROOKS CREEK 59.0 KM TO 59.85 KM SOUTH OF GOULBURN NORTHBOUND CLIMBING LANE - STAGE 1	DEPT	1	870	507	848	2,225
3	MULWAREE	49.2 KM TO 53.7 KM SOUTH OF SOULBURN PATCHING & STRENGTHENING OF PAVEMENT - DEPARTMENT BID	DEPT	1	143,506			143,506



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0016

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
3	MULWAREE	49.2 KM TO 53.7 KM SOUTH OF GOULBURN HEAVY PATCHING & STRENGTHENING OF PAVEMENT	DEPT	1	96,329	56,126	93,962	246,417
3	MULWAREE	22.2 KM TO 28.0 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS	DEPT	1	48,275			48,275
3	MULWAREE	19.0 KM TO 26.5 KM SOUTH OF GOULBURN GRANULAR OVERLAY & BITUMINOUS SURFACING	DEPT	1	364,117			364,117
3	MULWAREE	COLLECTOR BY-PASS 29.55 KM TO 37.0 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS	DEPT	1	1,008,194			1,008,194
3	MULWAREE	WILLOW TREE CREEK 29.1 KM SOUTH OF GOULBURN THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	42,246	24,614	41,203	108,068
3	MULWAREE	19.0 KM TO 29.55 KM SOUTH OF GOULBURN HEAVY PATCHING & STRENGTHENING OF PAVEMENT	DEPT	1	226,563			226,563
3	MULWAREE	27.7 KM TO 29.2 KM SOUTH OF GOULBURN TOWARDS CANBERRA DIVIDED CARRIAGEWAYS	DEPT	1	551,626			551,626
3	MULWAREE	WILLOW TREE CREEK 29.1 KM SOUTH OF GOULBURN PRESTRESSED CONCRETE BRIDGE - DEPARTMENT BID	DEPT	1	26,021			26,021
	TOTAL	3						3,226,322
4	BEGA VALLEY	BRIDGE OVER NUNNOCK RIVER 41.7 KM NORTH WEST OF BEGA APPROACHES	DEPT	2	29,330	17,089	28,610	75,029
4	BEGA VALLEY	BRIDGE OVER NUNNOCK RIVER 42.5 KM WEST OF BEGA DEMOLITION	DEPT	2	6,476	3,773	6,316	16,565
4	COOMA-MONARO	VARIOUS LOCATIONS TRAFFIC SAFETY IMPROVEMENTS	DEPT	2	48,608	28,321	47,414	124,343
4	TUMUT	173.3 KM TO 181.3 KM WEST OF COOMA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	100,122	58,335	97,661	256,118
4	TUMUT	27.8 KM TO 46.3 KM WEST OF TUMUT WIDENING & STRENGTHENING OF PAVEMENT & DRAINAGE WORKS	DEPT	2	136,618	79,600	133,261	349,479
4	TUMUT	14.1 KM TO 15.0 KM EAST OF TUMUT WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	67,906	39,565	66,238	173,709
	TOTAL	4						995,243



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0017

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
5	ASHFIELD	HUME HIGHWAY & PARRAMATTA RD, ASHFIELD CHANNELISATION OF INTERSECTION	DEPT	6	801,726	296,787	594,300	1,692,813
5	BATHURST	STEWART ST & DURHAM ST 0.2 KM TO 2.5 KM WEST OF WIDENING & CHANNELISATION OF INTERSECTION	BATHURST COUNCIL	1	6,879	4,008	6,710	17,597
5	BATHURST	STEWART ST FROM DURHAM ST TO HOWICK ST, BATHURST RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	167,560	97,628	163,443	428,631
5	BLACKTOWN	CHURCH LANE TO OLD WESTERN RD, BLACKTOWN ACCESS RAMPS & ASSOCIATED WORKS	DEPT	6	-354	-131	-263	-748
5	BLUE MOUNTAINS	59.4 KM TO 110.5 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	-1,357,694	-502,598	-1,006,426	-2,866,718
5	BLUE MOUNTAINS	WOODFORD AVE 62.0 KM TO 63.8 KM WEST OF PARRAMATTA AT WOODFORD OVERTAKING LANES	DEPT	6	9,089	3,365	6,737	19,191
5	BLUE MOUNTAINS	63.5 KM TO 66.4 KM WEST OF SYDNEY EXTENSION OF CLIMBING LANE & IMPROVEMENT OF THREE INTERSECTIONS	DEPT	6	458,634	159,780	339,974	968,388
5	BLUE MOUNTAINS	59.12 KM TO 120.59 KM WEST OF SYDNEY HEAVY PATCHING	DEPT	6	214,447	79,385	158,964	452,796
5	BLUE MOUNTAINS	BLAXLAND TO WARRIMOO 65.4 KM TO 68.4 KM WEST OF SYDNEY RECONSTRUCTION & IMPROVEMENT OF INTERSECTION	DEPT	6	878,360	325,156	651,107	1,854,623
5	BLUE MOUNTAINS	80.9 KM TO 83.7 KM WEST OF SYDNEY STRENGTHENING, RESHAPING & BITUMINOUS SURFACING OF PAVEMENT	DEPT	6	226,405	83,812	167,829	478,046
5	BLUE MOUNTAINS	49.0 KM TO 51.8 KM WEST OF PARRAMATTA RECONSTRUCTION & STRENGTHENING OF DEFORMED PAVEMENT SECTIONS	DEPT	6	63,741	23,596	47,249	134,586
5	BLUE MOUNTAINS	RAILWAY STATION, FAULCONBRIDGE WIDENING & IMPROVEMENT OF CREST	DEPT	6	744	275	551	1,570
5	BLUE MOUNTAINS	RAILWAY OVERPASS AT MEDLOW BATH IMPROVEMENT OF ALIGNMENT OF WESTERN APPROACH	DEPT	6	4,344	1,793	3,591	10,228
5	BLUE MOUNTAINS	35.22 KM TO 96.69 KM WEST OF PARRAMATTA ADJUSTMENT OF PUBLIC UTILITIES	DEPT	6	15,956	5,907	11,828	33,691
5	BLUE MOUNTAINS	101.5 KM TO 121.7 KM WEST OF SYDNEY MINOR REALIGNMENT & WIDENING OF FORMATION	DEPT	6	32,728	12,116	24,261	69,105
5	BLUE MOUNTAINS	67.0 KM TO 69.5 KM WEST OF SYDNEY AT WARRIMOO WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	390,715	144,637	289,628	824,980



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0018

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
5	BLUE MOUNTAINS	74.0 KM TO 77.8 KM WEST OF SYDNEY AT FAULCONBRIDGE WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	418,853	155,053	310,485	884,392
5	BLUE MOUNTAINS	88.3 KM TO 92.4 KM WEST SYDNEY AT LAWSON WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	555,233	205,539	411,581	1,172,353
5	BLUE MOUNTAINS	92.7 KM TO 94.7 KM WEST OF SYDNEY AT BODDINGTON HILL WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	300,395	111,202	222,675	634,272
5	BLUE MOUNTAINS	103.4 KM TO 104.3 KM WEST OF SYDNEY AT KATOOMBA STRENGTHENING OF EXISTING PAVEMENT	DEPT	6	205,336	76,012	152,211	433,559
5	BLUE MOUNTAINS	FLETCHER ST, GLENBROOK 64.25 KM WEST OF SYDNEY OVERBRIDGE	COUNCIL	6	2,666	987	1,976	5,629
5	DRUMMOYNE	BRIDGE OVER IRON COVE, DRUMMOYNE WIDENING	DEPT	6	1,361	504	1,009	2,874
5	DRUMMOYNE	PARRAMATTA RD & GREAT NORTH RD, FIVE DOCK CHANNELISATION OF INTERSECTION	DEPT	6	258,899	95,841	191,915	546,656
5	GREATER LITHGOW	FARMERS CREEK 1.2 KM WEST OF LITHGOW TWIN BRIDGES	DEPT	1	37,655	21,939	36,729	96,323
5	GREATER LITHGOW	MAIN WESTERN RAILWAY LINE 1.95 KM WEST OF LITHGOW TWIN THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGES	DEPT	1	197,716	115,198	192,858	505,772
5	GREATER LITHGOW	MEADOW FLAT 28.5 KM TO 32.2 KM WEST OF LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	25,740	14,997	25,108	65,845
5	GREATER LITHGOW	0.4 KM TO 2.3 KM WEST OF LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	430,540	250,852	419,960	1,101,352
5	GREATER LITHGOW	MR516 37.6 KM TO 39.7 KM WEST OF KATOOMBA DIVIDED CARRIAGEWAYS & CHANNELISATION OF INTERSECTION	DEPT	1	282,034	164,325	275,103	721,463
5	GREATER LITHGOW	36.61 KM TO 37.74 KM WEST OF KATOOMBA AT GOOD LUCK HOLLOW RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	32,238	18,783	31,445	82,467
5	HOLROYD	BERITH RD TO BERESFORD RD, GREYSTANES RECONSTRUCTION OF DAMAGED PAVEMENT WITH BITUMINOUS SURFACING	DEPT	6	14,140	5,234	10,482	29,856
5	HOLROYD	SH5 AT FRANCIS RD, MAY'S HILL JUNCTION	DEPT	6	220,580	81,655	163,511	465,746
5	PARRAMATTA	SH5 & MR309, CLYDE IMPROVEMENT OF INTERSECTION INCLUDING DOUBLE RIGHT TURN LANES	DEPT	6	542,964	200,997	402,486	1,146,447



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0019

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTN S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
5	PENRITH	ST MARYS TO KINGSWOOD 45.0 KM TO 51.0 KM WEST OF SYDNEY WIDENING TO FOUR LANES	DEPT	6	902,582	334,123	669,063	1,905,768
5	PENRITH	GREAT WESTERN HIGHWAY & PARKER ST, KINGSWOOD IMPROVEMENT OF INTERSECTION	DEPT	6	-4,543	-1,682	-3,368	-9,593
5	PENRITH	45.8 KM TO 47.1 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	148,734	55,059	110,253	314,046
5	PENRITH	47.10 KM TO 48.41 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	29,138	10,786	21,599	61,523
5	PENRITH	BRIDGE OVER SOUTH CREEK, ST MARYS FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	6	125,565	68,693	137,555	391,813
5	PENRITH	PEACH TREE CREEK TO VICTORIA BRIDGE, PENRITH KERB & GUTTERING	COUNCIL	6	-1,102	-408	-817	-2,327
	TOTAL	5						14,675,015
6	BLAND	8.5 KM TO 31.5 KM NORTH OF WEST WYALONG STRENGTHENING & WIDENING OF PAVEMENT - SELECTED LENGTHS	DEPT	1	-7,061	-4,114	-6,888	-12,063
6	BLAYNEY	63.3 KM TO 70.4 KM WEST OF BATHURST WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	214,747	125,121	209,470	549,338
6	COWRA	LACHLAN RIVER, COWRA RELOCATION OF COUNCIL WATERMAIN	COUNCIL	2	1,375	801	1,342	3,518
6	COWRA	102.1 KM TO 103.18 KM WEST OF BATHURST STRENGTHENING & WIDENING	COUNCIL	2	1,858	1,082	1,812	4,752
6	COWRA	99.99 KM TO 101.57 KM WEST OF BATHURST STRENGTHENING OF PAVEMENT & WIDENING OF FORMATION	COUNCIL	2	47,649	27,762	46,478	121,889
6	HAY	0 KM TO 3.9 KM EAST OF SH21, HAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	35,633	20,762	34,758	91,153
6	HAY	251.5 KM TO 254.4 KM WEST OF WEST WYALONG RECONSTRUCTION & WIDENING ON IMPROVED ALIGNMENT	DEPT	2	6,180	3,601	6,028	15,809
6	WEDDIN	57.78 KM TO 58.9 KM WEST OF GRENFELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	13,251	7,721	12,925	33,897
	TOTAL	6						802,293



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0020

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
7	BODURKE	179.6 KM TO 182.8 KM NORTH OF MYHGAN RECONSTRUCTION & WIDENING	DEPT	1	-2,763	-1,610	-2,695	-7,068
7	CABONNE	ADELAIDE ST, BLAYNEY 36.6 KM WEST OF BATHURST RECONSTRUCTION OF SINGLE CARRIAGEWAY (STAGE 1)	DEPT	1	582,421	339,345	568,110	1,489,876
7	CABONNE	36.3 KM TO 39.3 KM WEST OF ORANGE WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	7,920	4,615	7,725	20,260
7	DUBBO	15.2E KM TO 17.5 KM WEST OF DUBBO STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	165,307	96,607	161,733	424,147
7	EVANS	15.4 KM TO 19.0 KM WEST OF BATHURST PROVISION OF CLIMBING LANE & WIDENING OF PAVEMENT	DEPT	1	7,850	4,580	7,667	20,107
7	EVANS	BRIDGE OVER ROCKS CREEK NO.2 10.8 KM WEST OF BATHURST WIDENING	DEPT	1	62,309	36,304	60,778	159,391
7	EVANS	ROCKS CREEK NO 2 12.7 KM TO 14.7 KM WEST OF BATHURST IMPROVEMENT OF CURVES & APPROACHES	DEPT	1	4,200	2,447	4,097	10,744
7	EVANS	BRIDGE OVER ROCKS CREEK NO.1 12.2 KM WEST OF BATHURST APPROACHES	DEPT	1	40,806	23,776	39,804	104,386
7	EVANS	BRIDGE OVER ROCKS CREEK NO 1 10.0 KM WEST OF BATHURST WIDENING	DEPT	1	51,486	29,998	50,221	131,705
7	ORANGE	2.46 KM TO 3.5 KM NORTH WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	17,137	9,985	16,716	43,838
7	ORANGE	SUMMER ST TO MARCH ST, ORANGE RECONSTRUCTION INCL INTERSECTION OF MR237 & MR526	COUNCIL	1	104,725	61,018	102,152	267,895
7	WEDDIN	58.9 KM TO 60.9 KM WEST OF GRENFELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	1	70,635	41,155	68,900	180,690
7	WELLINGTON	TWO MILE CREEK 67.3 KM TO 73.3 KM NORTH OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	341,582	199,021	333,188	873,791
	TOTAL	7						3,719,762
8	BROKEN HILL	0.0 KM TO 0.4 KM EAST OF BROKEN HILL RESTORATION OF RIDING QUALITIES	COUNCIL	1	-2,626	-1,531	-2,563	-6,722
8	CENTRAL DARLING	BRIDGES OVER TALLYAWALKA CREEK 248.0 KM WEST OF COBAR APPROACHES	DEPT	1	503,569	293,402	491,195	1,288,166



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0021

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
8	CENTRAL DARLING	TALYAWALKA FLOOD PLAIN 13.4 KM EAST OF WILCANNIA PRESTRESSED CONCRETE BRIDGE	DEPT	1	76	44	74	194
8	CENTRAL DARLING	TALYAWALKA FLOOD PLAIN 12.82 KM EAST OF WILCANNIA PRESTRESSED CONCRETE BRIDGE	DEPT	1	28	16	27	71
8	CENTRAL DARLING	TALYAWALKA FLOOD PLAIN 11.59 KM EAST OF WILCANNIA PRESTRESSED CONCRETE BRIDGE	DEPT	1	234	135	228	598
8	WESTERN DIVISION	34.7 KM & 36.8 KM WEST OF BROKEN HILL ELIMINATION OF NARROW DIPS	DEPT	1	65,957	38,371	64,239	168,467
8	WESTERN DIVISION	12.2 KM TO 19.3 KM WEST OF BROKEN HILL RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	14,834	8,643	14,469	37,946
8	WESTERN DIVISION	16.0 KM TO 19.3 KM WEST OF BROKEN HILL RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	460,056	268,049	448,751	1,176,856
	TOTAL	8						2,665,576
9	ARMIDALE	ERSKINE & MARSH ST, ARMIDALE REGRAVING OF EASTERN APPROACH	COUNCIL	1	-1,654			-1,654
9	DUMARESQ	TILBUSTER PONDS 23.9 KM NORTH OF ARMIDALE FOUR SPAN PRESTRESSED CONCRETE PIER BRIDGE	DEPT	1	180,826			180,826
9	DUMARESQ	DEVILS PINCH 18.25 KM TO 22.95 KM NORTH OF ARMIDALE REALIGNMENT	DEPT	1	1,529,552			1,529,552
9	GLEN INNES	0.42 KM TO 1.92 KM NORTH OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	343			343
9	GLEN INNES	96.6 KM TO 98.1 KM NORTH OF ARMIDALE RESTORATION OF DEFORMED PAVEMENT & SUB SOIL DRAINAGE	DEPT	1	3,416			3,416
9	GUYRA	59.6 KM TO 62.23 KM NORTH OF ARMIDALE WIDENING & PROVISION OF CLIMBING LANE	DEPT	1	12,609			12,609
9	JERILDERIE	BILLABONG CREEK 2.0 KM NORTH OF JERILDERIE FABRICATION & DELIVERY OF STEEL GIRDERS	DEPT	1	49,937	29,096	48,710	127,743
9	MAITLAND	15.3 KM TO 16.5 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT - BID ACCOUNT	DEPT	1	325,734			325,734
9	MAITLAND	29.6 KM TO 30.35 KM WEST OF NEWCASTLE REHABILITATION OF PAVEMENT	DEPT	6	6,606			6,606



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0022

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
9	MAITLAND	15.3 KM TO 16.5 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT - DIRECT CONTROL	DEPT	6		35,837		35,837
9	MAITLAND	26.4 KM TO 29.5 KM NORTH OF NEWCASTLE FOUR LANE CARRIAGEWAY	DEPT	6		815,589		815,589
9	MAITLAND	15.3 KM TO 16.5 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT & PUBLIC UTILITY ADJUSTMENT	DEPT	6	60,153			60,153
9	MAITLAND	SH9 & PARALLEL ST AT HIGH ST OVERBRIDGE, MAITLAND CHANNELISATION OF INTERSECTION	COUNCIL	6	304,522			304,522
9	MAITLAND	LOCHINVAR TO KALUDAH CREEK 12.3 KM TO 13.7 KM NTH OF MAITLAND DEVIATION	DEPT	6	6,280			6,280
9	MURRURUNDI	50.0 KM TO 59.0 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	317,740			317,740
9	MURRURUNDI	66.6 KM TO 71.0 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	166,835			166,835
9	MURRURUNDI	73.6 KM NORTH OF MUSWELLBROOK RESTORATION OF SLIP	DEPT	1	67,408			67,408
9	MUSWELLBROOK	RUTHERFORD ST TO BELL ST, MUSWELLBROOK RECONSTRUCTION OF PAVEMENT	DEPT	1	1,624,939			1,624,939
9	MUSWELLBROOK	RUTHERFORD ST TO BELL ST, MUSWELLBROOK RECONSTRUCTION OF PAVEMENT - PUBLIC UTILITIES	DEPT	1	92,770			92,770
9	NEWCASTLE	16.4 KM TO 42.8 KM WEST OF NEWCASTLE BITUMINOUS SURFACING OF SELECTED LENGTHS	DEPT	6	192,412			192,412
9	NEWCASTLE	16.4 KM TO 42.8 KM WEST OF NEWCASTLE REHABILITATION OF SELECTED LENGTHS	DEPT	6	109,777			109,777
9	PARRY	MACDONALD RIVER & PERRY'S CREEK NORTH OF TAMWORTH PRESTRESSED CONCRETE BRIDGES - PRELIMINARY WORKS	DEPT	1	9,228			9,228
9	PARRY	BRIDGE OVER MACDONALD RIVER AT BENDEMEER FENCING & PRELIMINARY WORK	DEPT	1	3,867	2,253	3,772	9,892
9	PARRY	MACDONALD RIVER & PERRY'S CREEK NORTH OF TAMWORTH FIVE SPAN & SINGLE SPAN PRESTRESSED CONCRETE BRIDGES	DEPT	1	128,289			128,289
9	PARRY	24.9 KM TO 29.9 KM NORTH OF TAMWORTH RECONSTRUCTION TO PROVIDE ADDITIONAL LANES	DEPT	1	517,458			517,458



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0023

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
9	PARRY	22.0 KM TO 25.0 KM NORTH OF TAMWORTH REHABILITATION OF PAVEMENT	DEPT	1	207,204			207,204
9	BUIRINDI	DEVILS ELBOW CREEK 106.2 KM TO 109.4 KM NORTH OF MUSWELLBROOK STRENGTHENING OF PAVEMENT	DEPT	1	11,210			11,210
9	SCONE	KELLY ST, SCONE RECONSTRUCTION	DEPT	1	610			610
9	SCONE	10.2 KM TO 12.7 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	382,719			382,719
9	SEVERN	84.5 KM TO 85.5 KM NORTH OF ARMIDALE REHABILITATION OF PAVEMENT	DEPT	1	166,941			166,941
9	SEVERN	85.5 KM TO 90.74 KM NORTH OF ARMIDALE WIDENING	DEPT	1	1,270,010			1,270,010
9	SINGLETON	LIDDELL DEVIATION 50.9 KM TO 65.5 KM NORTH OF MAITLAND STRENGTHENING OF PAVEMENT & BITUMINOUS SURFACING	DEPT	1	2,386,102			2,386,102
9	SINGLETON	63.3 KM TO 87.9 KM WEST OF MAITLAND REHABILITATION OF SELECTED LENGTHS OF PAVEMENT	DEPT	1	216,655			216,655
9	SINGLETON	34.5 KM TO 109.5 KM WEST OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	186,942			186,942
9	SINGLETON	HEBDEN RD & SYLVESTERS RD 81.9 KM TO 84.3 KM NORTH OF MAITLAND PROVISION OF OVERTAKING, ACCELERATION & DECELERATION LANES	DEPT	1	9,617	5,603	9,380	24,600
9	SINGLETON	45.55 KM TO 46.10 KM NORTH OF MAITLAND - STAGE 3 REHABILITATION OF PAVEMENT	COUNCIL	1	217,810			217,810
9	SINGLETON	31.2 KM TO 33.3 KM WEST OF MAITLAND PASSING LANE	DEPT	1	421,086			421,086
9	SINGLETON	MITCHELL LINE RD 34.90 KM TO 37.37 KM NORTH OF MAITLAND DEVIATION & PASSING LANE	DEPT	1	9,038			9,038
9	SINGLETON	BOWMAN'S CREEK 15.94 KM WEST OF SINGLETON FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	5,790			5,790
9	TAMWORTH	BRIDGES OVER GOONOO GOONOO CREEK & BARNES GULLY, TAMWORTH WIDENING OF APPROACHES & IMPROVEMENT OF INTERSECTION	DEPT	1	-63,370	32,104	53,747	22,481
9	TAMWORTH	BRIDGE OVER LODERS GULLY 6.66 KM TO 6.84 KM NORTH OF TAMWORTH WIDENING OF APPROACHES	DEPT	1	36,141			36,141



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0024

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
9	TAMWORTH	BRIDGE OVER LODERS GULLY 6.0 KM NORTH OF TAMWORTH	DEPT	1	15,957			15,957
	WIDENING							
9	TAMWORTH	1.57 KM TO 4.75 KM NORTH OF TAMWORTH						
	RECONSTRUCTION & STRENGTHENING OF FAILED PAVEMENT		COUNCIL	1	48,858			48,858
9	TAMWORTH	2.75 KM TO 4.75 KM NORTH OF TAMWORTH						
	REHABILITATION OF PAVEMENT		COUNCIL	1	166,956			166,956
9	TAMWORTH	GIPPS ST TO CARTERS ST, TAMWORTH						
	DIVIDED TWO LANE CARRIAGEWAYS		COUNCIL	1	90,731	-29,675	-49,681	11,375
9	TAMWORTH	153.21 KM TO 153.01 KM NORTH OF MUSSWELLBROOK						
	REPLACEMENT OF CULVERTS		COUNCIL	1	-940	-548	-917	-2,405
9	TENTERFIELD	16.8 KM TO 19.0 KM NORTH OF TENTERFIELD						
	STRENGTHENING & WIDENING OF PAVEMENT		DEPT	1	390,912			390,912
9	TENTERFIELD	11.3 KM TO 13.7 KM NORTH OF TENTERFIELD						
	STRENGTHENING & WIDENING OF PAVEMENT		DEPT	1	412,956			412,956
9	TENTERFIELD	5.0 KM TO 7.7 KM NORTH OF TENTERFIELD						
	STRENGTHENING & WIDENING OF PAVEMENT		DEPT	1	19,738			19,738
9	URALLA	74.30 KM TO 75.08 KM NORTH OF TAMWORTH						
	REHABILITATION OF PAVEMENT		DEPT	1	155,453			155,453
	TOTAL	9						13,429,443
10	BALLINA	5.9 KM TO 7.1 KM NORTH OF BALLINA						
	RECONSTRUCTION OF DAMAGED PAVEMENT		DEPT	1	78,454	45,711	76,526	200,691
10	BALLINA	117.15 KM TO 117.80 KM NORTH OF GRAFTON						
	RECONSTRUCTION & BITUMINOUS SURFACING		DEPT	1	73,458	42,800	71,653	187,911
10	BALLINA	0.0 KM TO 1.37 KM NORTH OF BALLINA						
	RESHAPING & STRENGTHENING OF PAVEMENT		COUNCIL	1	42,326	24,661	41,286	108,273
10	BELLINGEN	YELLOW ROCK RD & NEWRY ISLAND RD 86.5 KM NORTH OF KEMPSEY						
	IMPROVEMENT OF INTERSECTION		DEPT	1	6,739	3,926	6,573	17,238
10	BELLINGEN	79.2 KM TO 80.7 KM NORTH OF KEMPSEY						
	WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT		DEPT	1	2,781	1,621	2,713	7,115
10	BELLINGEN	88.7 KM TO 90.4 KM NORTH OF KEMPSEY - RALEIGH VILLAGE						
	WIDENING OF PAVEMENT & REALIGNMENT OF CURVE		DEPT	1	2,766	1,612	2,698	7,076



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0025

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COP <sup>W</sup> WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
10	BELLINGEN	76.3 KM TO 194.3 KM NORTH OF KEMPSEY REHABILITATION & WIDENING OVER SELECTED SECTIONS	DEPT	1	244,001	142,166	238,005	624,172
10	BYRON	TYAGARAH SWAMP DRAIN 37.9 KM NORTH OF BALLINA FOUR SPAN COMPOSITE STEEL GIRDER & REINFORCED CONCRETE BRIDGE	DEPT	1	1,933	1,126	1,885	4,944
10	BYRON	CASINO-MURWILLUMBAH RAILWAY LINE 37.8 KM NORTH OF BALLINA REINFORCED CONCRETE BRIDGE	DEPT	1	11,459	6,677	11,178	29,314
10	BYRON	39.0 KM TO 40.4 KM NORTH OF BALLINA REALIGNMENT OF SHORT SECTION	DEPT	1	70,131	40,852	68,408	179,401
10	BYRON	BANGALOW TO MCLEODS SHOOT 28.74 KM TO 31.0 KM NORTH OF BALLINA RECONSTRUCTION OF PAVEMENT	DEPT	1	9,026	5,259	8,805	23,090
10	BYRON	TYAGARAH OVERBRIDGE 35.8 KM TO 37.6 KM NORTH OF BALLINA APPROACHES	DEPT	1	204,188	118,959	199,171	522,328
10	BYRON	51.3 KM TO 52.6 KM NORTH OF BALLINA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	9,844	5,735	9,602	25,181
10	COFFS HARBOUR	25.2 KM TO 29.94 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	484,219	282,128	472,321	1,238,668
10	COFFS HARBOUR	101.3 KM TO 101.5 KM NORTH OF KEMPSEY IMPROVEMENT OF INTERSECTION	DEPT	1	664	387	648	1,699
10	COFFS HARBOUR	BRIDGE OVER POUNDYARD CREEK 25.9 KM NORTH OF COFFS HARBOUR WIDENING	DEPT	1	36,307	21,154	35,415	92,876
10	COFFS HARBOUR	BRIDGE OVER WOOLGOOLGA CREEK 25.5 KM NORTH OF COFFS HARBOUR WIDENING	DEPT	1	100,574	58,599	98,103	257,276
10	COFFS HARBOUR	HALLS RD TO AZALEA AVE, COFFS HARBOUR PROVISION OF OVERTAKING LANE	COUNCIL	1	54,754	31,902	53,409	140,065
10	COFFS HARBOUR	107.9 KM TO 112.6 KM NORTH OF KEMPSEY RECONSTRUCTION OF APPROACHES TO VARIOUS SITES	DEPT	1	74	43	72	189
10	COFFS HARBOUR	15.0 KM NORTH OF COFFS HARBOUR PROVISION OF ACCESS TO SUBDIVISION (SWANSTON & WALTERS)	DEPT	1	867	505	846	2,218
10	GOSFORD	BRIDGE OVER CUT ROCK CREEK 7.9 KM TO 8.6 KM NORTH OF GOSFORD APPROACHES	DEPT	6		36,781		36,781
10	GOSFORD	67.0 KM NORTH OF SYDNEY NEAR KARIONG DEVIATION	DEPT	1	419,250			419,250



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0026

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM <sup>W</sup> LTN S	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
10	GOSFORD	MANN ST, GOSFORD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	6		843		843
10	GOSFORD	79.1 KM TO 80.6 KM NORTH OF SYDNEY SOUTHBOUND CLIMBING LANE	DEPT	6		542,666		542,666
10	GOSFORD	80.8 KM TO 81.6 KM NORTH OF SYDNEY SOUTHBOUND CLIMBING LANE	DEPT	6		-1,384		-1,384
10	GOSFORD	CUT ROCK CREEK 5.6 KM NORTH OF GOSFORD REINFORCED CONCRETE BRIDGE	DEPT	6		71,093		71,093
10	GRAFTON	82.6 KM TO 82.8 KM NORTH OF COFFS HARBOUR RECONSTRUCTION OF INTERSECTION	DEPT	1	84,798	49,407	82,714	216,919
10	GREATER TAREE	BRIDGE OVER DAWSON RIVER 4.9 KM NORTH OF TAREE FOOTWAY	DEPT	1	77,423	45,110	75,520	198,053
10	GREATER TAREE	0.7 KM TO 1.12 KM NORTH OF TAREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	10,956	6,383	10,687	28,026
10	GREATER TAREE	MANNING ST TO MACQUARIE ST, TAREE RECONSTRUCTION OF DIVIDED CARRIAGEWAYS	COUNCIL	1	58,551	34,114	57,112	149,777
10	GREATER TAREE	PULTENEY ST TO MANNING ST, TAREE RECONSTRUCTION OF DIVIDED CARRIAGEWAYS	COUNCIL	1	952	555	929	2,436
10	GREATER TAREE	OXLEY ST TO COWPER ST, TAREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	952	555	929	2,436
10	GREATER TAREE	BRIDGE OVER STEWART'S RIVER 36.04 KM NORTH OF TAREE PUBLIC UTILITY ADJUSTMENT	DEPT	1	133,082			133,082
10	GREATER TAREE	BRIDGE OVER STEWART'S RIVER 36.04 KM NORTH OF TAREE APPROACHES - PRINCIPAL'S SUPERVISION	DEPT	1	131			131
10	GREATER TAREE	STEWART'S RIVER 36.34 KM TO 39.10 KM NORTH OF TAREE EIGHT SPAN PRESTRESSED CONCRETE BRIDGE GIRDER	DEPT	1	863,686			863,686
10	GREATER TAREE	SH10 & MR111 13.3 KM TO 14.0 KM SOUTH OF TAREE WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	408	238	398	1,044
10	GREATER TAREE	FOOTBRIDGE AT DAWSON RIVER BRIDGE 4.9 KM NORTH OF TAREE APPROACHES	DEPT	1	19,998	11,652	19,506	51,156
10	HASTINGS	BRIDGE OVER NORTH COAST RAILWAY LINE, ROSS GLEN APPROACHES	DEPT	1	745,140	434,147	726,831	1,906,118



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0027

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> HLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
10	HASTINGS OVERBRIDGE	NORTH COAST RAILWAY LINE 46.03 KM NORTH OF TAREE AT ROSS GLENN	DEPT	1	164,441	95,811	160,400	420,652
10	HASTINGS WIDENING & STRENGTHENING OF PAVEMENT	JUNCTION WITH MR538 45.64 KM TO 49.58 KM NORTH OF TAREE	DEPT	1	8,044	4,687	7,847	20,578
10	HORNSBY RIGHT TURN SHELTER BAYS	BERYL AVE, FOXGLOVE RD & EXCELSIOR RD, MT COLAH	DEPT	6	1,263	467	936	2,666
10	HORNSBY RIGHT TURN BAY	BEAUMONT RD, MT KURING-GAI	DEPT	6	130	48	97	275
10	HORNSBY CONCRETE SIDE STRIPS	GALSTON RD TO JERSEY ST, HORNSBY	DEPT	7	15	6	11	32
10	HORNSBY RIGHT TURN BAY	GLENVIEW ST, MT KURING-GAI	DEPT	6	-938	-347	-695	-1,980
10	HORNSBY PROVISION OF RIGHT TURN BAYS AT LA MANCHA CARAVAN PARK	BEAUMONT RD, MT KURING-GAI	DEPT	6	55,520	20,553	41,156	117,229
10	KEMPSEY TWO SPAN PRESTRESSED CONCPETE PLANK BRIDGE	GREEN WATTLE CREEK 3.63 KM SOUTH OF KEMPSEY	DEPT	1	54,660	31,847	53,317	139,824
10	KEMPSEY APPROACHES	BRIDGE OVER GREENWATTLE CREEK 3.9 KM SOUTH OF KEMPSEY	DEPT	1	25,440	14,823	24,815	65,078
10	KU-RING-GAI RECONSTRUCTION OF INTERSECTION	PACIFIC HIGHWAY, RYDE RD & MONA VALE RD, PYMBLE	DEPT	6	-14,942	-5,531	-11,076	-31,549
10	LAKE MACQUARIE REHABILITATION OF VARIOUS SECTIONS	140.99 KM TO 159.15 KM NORTH OF SYDNEY	DEPT	6		594,782		594,782
10	LAKE MACQUARIE SECOND CARRIAGEWAY	129.0 KM TO 132.2 KM NORTH OF SYDNEY	DEPT	6	968,551			968,551
10	LAKE MACQUARIE DIVIDED CARRIAGEWAYS & WIDENING OF PAVEMENT	141.1 KM TO 143.4 KM NORTH OF SYDNEY AT SWANSEA	DEPT	6		46,288		46,288
10	LAKE MACQUARIE FOUR LANE CARRIAGEWAY	132.8 KM TO 135.0 KM NORTH OF SYDNEY	DEPT	6	1,608,375			1,608,375
10	LAKE MACQUARIE DIVIDED CARRIAGEWAYS	52.95 KM TO 54.14 KM NORTH OF WYONG	DEPT	6		1,129,680		1,129,680
10	LAKE MACQUARIE SECOND CARRIAGEWAY	132.13 KM TO 133.07 KM NORTH OF SYDNEY	DEPT	6	-447			-447



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0028

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	MACLEAN	MORORO BRIDGE 54.35 KM TO 58.25 KM NORTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	20,311	11,834	19,812	51,957
10	MACLEAN	TABBIMBLE CREEK 67.52 KM NORTH OF GRAFTON TEN SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	76,767	44,728	74,881	196,376
10	MACLEAN	TABBIMBLE CREEK OVERFLOW 68.55 KM NORTH OF GRAFTON FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	9,339	5,441	9,109	23,889
10	NAMBUCCA	NORTH COAST RAILWAY LINE 34.17 KM NORTH OF KEMPSEY SINGLE SPAN PRESTRESSED BRIDGE	DEPT	1	128,045	74,605	124,899	327,549
10	NAMBUCCA	BELLWOOD DEVIATION 63.7 KM TO 68.93 KM NORTH OF KEMPSEY TWO LANE CARRIAGEWAY	DEPT	1	8,438	4,916	8,231	21,585
10	NAMBUCCA	VARIOUS LOCATIONS 64.8 KM TO 68.0 KM NORTH OF KEMPSEY RECONSTRUCTION OF DAMAGED PAVEMENT	DEPT	1	6,380	3,717	6,223	16,320
10	NAMBUCCA	71.8 KM TO 76.4 KM NORTH OF KEMPSEY TWO LANE CARRIAGEWAY	DEPT	1	522,421	304,386	509,584	1,336,391
10	NAMBUCCA	ALLGOMERA CREEK 38.55 KM NORTH OF KEMPSEY SIX SPAN REINFORCED CONCRETE BRIDGE	DEPT	1	2,149	1,252	2,096	5,497
10	NAMBUCCA	BRIDGE OVER RAILWAY LINE AT EUNGAI APPROACHES	DEPT	1	148,364	86,443	144,718	379,525
10	NAMBUCCA	76.26 KM TO 78.62 KM NORTH OF KEMPSEY RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	114,133	66,499	111,328	291,960
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM DUPLICATION - PILES & PILE CAPS	DEPT	6	867,202			867,202
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM ACCOMODATION WORKS	DEPT	6		54,724		54,724
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM PUBLIC UTILITIES	DEPT	6	78,854			78,854
10	NEWCASTLE	TUDOR ST TO DENISON ST, HAMILTON RECONSTRUCTION OF PAVEMENT	COUNCIL	6		2,669		2,669
10	NEWCASTLE	10.44 KM TO 10.54 KM WEST OF NEWCASTLE EXTENSION OF LEFT TURN LANE INTO SH23	COUNCIL	6		-2,669		-2,669
10	NEWCASTLE	SCENIC RD TO GLEBE RD, MEREWETHER NORTHBOUND CARRIAGEWAY	COUNCIL	6		20,054		20,054



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0029

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM	DEPT	1	16,627			16,627
	NEWCASTLE APPROACHES							
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM	DEPT	6	60,724			60,724
	NEWCASTLE APPROACHES - PUBLIC UTILITIES							
10	PORT STEPHENS	25.53 KM TO 27.03 KM NORTH OF NEWCASTLE AT RAYMOND TERRACE	DEPT	6		45,602		45,602
	RECONSTRUCTION INCLUDING CHANNELISATION OF INTERSECTION							
10	PORT STEPHENS	16.9 KM TO 53.0 KM NORTH OF NEWCASTLE	DEPT	6		56,488		56,488
	BITUMINOUS SURFACING							
10	PORT STEPHENS	BRIDGE OVER HUNTER RIVER AT HEXHAM	DEPT	6		36,883		36,883
	RAYMOND TERRACE APPROACHES							
10	PORT STEPHENS	27.0 KM TO 43.1 KM NORTH OF NEWCASTLE	DEPT	6		722,101		722,101
	RECONSTRUCTION OF PAVEMENT & IMPROVEMENT OF DRAINAGE							
10	TWEED	BRIDGE OVER RAILWAY LINE AT BURRINGBAR	DEPT	1	89,524	52,219	87,422	229,265
	APPROACHES							
10	TWEED	DUNBIBLE CREEK NO 2 4.83 KM SOUTH OF MURWILLUMBAH	DEPT	1	5,864	3,417	5,720	15,001
	REINFORCED CONCRETE BOX CULVERT							
10	TWEED	82.7 KM TO 85.5 KM NORTH OF BALLINA AT CONDONG VILLAGE	DEPT	1	-515	-300	-502	-1,317
	DEVIATION							
10	TWEED	ALMA ST, MURWILLUMBAH	DEPT	1	1,067	622	1,041	2,730
	CHANNELISATION OF INTERSECTION							
10	TWEED	RAILWAY LINE 63.6 KM NORTH OF BALLINA	DEPT	1	112,959	65,815	110,184	288,958
	SINGLE SPAN PRESTRESSED CONCRETE BRIDGE							
10	TWEED	105.0 KM TO 107.34 KM NORTH OF BALLINA	DEPT	6		93,559		93,559
	DIVIDED CARRIAGEWAYS							
10	TWEED	103.4 KM TO 109.4 KM NORTH OF BALLINA AT TWEED HEADS	DEPT	6		26,848		26,848
	BY-PASS							
10	TWEED	101.6 KM TO 103.7 KM NORTH OF BALLINA	DEPT	6		683,833		683,833
	DIVIDED CARRIAGEWAYS							
10	TWEED	BOYDS BAY BRIDGE OVER TERRANORA CREEK 107.3 KM NORTH OF BALLINA	COUNCIL	1	20,469	11,926	19,966	52,361
	NORTHERN APPROACH							
10	TWEED	BRIDGE OVER DUNBIBLE CREEK 73.1 KM TO 73.9 KM NORTH OF BALLINA	DEPT	1	282,616	164,665	275,671	722,952
	RECONSTRUCTION OF APPROACHES							



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0030

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
10	TWEED	POTTSVILLE RD, MOOBALL 51.15 KM NORTH OF BALLINA IMPROVEMENT OF INTERSECTION	DEPT	1	-4,091	-2,384	-3,991	-10,466
10	ULMARRA	62.0 KM TO 62.75 KM NORTH OF COFFS HARBOUR WIDENING & MINOR REALIGNMENT OF PAVEMENT	DEPT	1	217	127	212	556
10	ULMARRA	CORINDI CREEK 34.25 KM TO 36.45 KM NORTH OF COFFS HARBOUR DEVIATION & APPROACHES	DEPT	1	2,564	1,494	2,501	6,559
10	ULMARRA	BRIDGE OVER WELLS CROSSING 56.0 KM NORTH OF COFFS HARBOUR WIDENING & RESURFACING OF APPROACHES	DEPT	1	237	138	232	607
10	ULMARRA	61.0 KM TO 62.0 KM NORTH OF COFFS HARBOUR WIDENING & PROVISION OF OVERTAKING LANE	DEPT	1	126,734	73,841	123,620	324,195
10	WYONG	VALES RD TO SALIENA AVE 119.58 KM TO 121.22 KM NORTH OF SYDNEY SECOND CARRIAGEWAY	DEPT	6	2,737			2,737
10	WYONG	OURIMBAH TO DOYALSON 92.75 KM TO 117.5 KM NORTH OF SYDNEY REHABILITATION OF VARIOUS SECTIONS	DEPT	6	421,184			421,184
10	WYONG	93.2 KM TO 94.8 KM NORTH OF SYDNEY REHABILITATION OF PAVEMENT	DEPT	6	20,817			20,817
10	WYONG	26.04 KM TO 26.41 KM NORTH OF WYONG REHABILITATION OF VARIOUS SECTIONS	DEPT	6	206			206
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING & RECONSTRUCTION OF PAVEMENT	DEPT	6		-142,152		-142,152
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING & RECONSTRUCTION OF PAVEMENT - DEPT BID	DEPT	1	1,315,864			1,315,864
10	WYONG	TUGGERAH RAILWAY GATES 99.09 KM TO 99.45 KM NORTH OF SYDNEY RECONSTRUCTION OF JUNCTION	DEPT	6	5,958			5,958
10	WYONG	MR509 TO VALES RD 117.75 KM TO 119.58 KM NORTH OF SYDNEY SECOND CARRIAGEWAY	DEPT	6	127,568			127,568
10	WYONG	117.55 KM TO 124.34 KM NORTH OF SYDNEY WIDENING & BITUMINOUS SURFACING OF PAVEMENT	DEPT	6	-125,501			-125,501
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING OF PAVEMENT & PUBLIC UTILITY ADJUSTMENT	DEPT	6	139,658			139,658
10	WYONG	123.6 KM TO 125.9 KM NORTH OF SYDNEY PUBLIC UTILITIES ADJUSTMENTS	DEPT	6	68,147			68,147



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0031

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH 1	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	WYONG	123.6 KM TO 125.9 KM NORTH OF SYDNEY TWO LANE CARRIAGEWAY	DEPT	1	1,552,186			1,552,186
TOTAL		10						23,804,493
11	GUNNEDAH	4.95 KM TO 6.95 KM WEST OF GUNNEDAH RECONSTRUCTION & REALIGNMENT OF PAVEMENT	COUNCIL	2	-2,561	-1,492	-2,498	-6,551
11	GUNNEDAH	3.1 KM TO 4.95 KM WEST OF COONABARABRAN RECONSTRUCTION & REALIGNMENT OF PAVEMENT	COUNCIL	2	123,766	72,112	120,725	316,603
11	GUNNEDAH	23.0 KM TO 26.0 KM WEST OF GUNNEDAH RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	2	17,587	10,247	17,155	44,989
11	GUNNEDAH	20.0 KM TO 23.0 KM WEST OF GUNNEDAH RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	2	259,916	151,439	253,530	664,885
11	GUNNEDAH	17.15 KM TO 18.90 KM WEST OF GUNNEDAH STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	57,381	33,432	55,971	146,784
11	GUNNEDAH	18.9 KM TO 20.2 KM WEST OF GUNNEDAH STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	284,863	165,974	277,864	728,701
11	HASTINGS	SARAH'S CREEK 16.8 KM WEST OF PORT MACQUARIE TWO SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	2,713	1,581	2,647	6,941
11	HASTINGS	SARAH'S CREEK BRIDGE 16.0 KM TO 17.15 KM WEST OF PORT MACQUARIE APPROACHES	DEPT	2	215,214	125,394	209,926	550,534
11	PARRY	32.55 KM TO 33.65 KM WEST OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	12,289	7,160	11,987	31,436
11	PARRY	35.85 KM TO 37.0 KM WEST OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	99,965	58,244	97,509	255,718
11	PARRY	33.65 KM TO 34.30 KM WEST OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	4,276	2,492	4,171	10,939
11	PARRY	35.77 KM TO 35.66 KM WEST OF TAMWORTH STRENGTHENING & REHABILITATION OF PAVEMENT	COUNCIL	2	691	402	674	1,767
11	TAMWORTH	BRIDGE OVER UNNAMED CREEK 6.33 KM WEST OF TAMWORTH APPROACHES	COUNCIL	2	895	522	873	2,290
11	TAMWORTH	0.67 KM TO 1.83 KM WEST OF TAMWORTH STRENGTHENING OF PAVEMENT	COUNCIL	2	1,302	759	1,270	3,331



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0032

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
11	TAMWORTH	6.55 KM TO 7.95 KM WEST OF TAMWORTH WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL	2	-6,944	-4,046	-6,774	-17,764
11	TAMWORTH	81.9 KM TO 11.3 KM WEST OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	35,885	20,908	35,003	91,796
11	WALCHA	13.0 KM TO 17.25 KM WEST OF WALCHA WIDENING & STRENGTHENING OF SHOULDERS	DEPT	2	30,986	18,054	30,225	79,265
11	WALGETT	BRIDGE OVER EWENMAR CREEK 79.2 KM NORTH OF GILGANDRA DEVIATION & APPROACHES	DEPT	1	273,897	159,585	267,167	700,649
11	WARREN	MACQUARIE RIVER 0.56 KM NORTH OF WARREN PRESTRESSED CONCRETE BRIDGE	DEPT	1	18,726	10,911	18,266	47,903
11	WARREN	BRIDGE OVER MACQUARIE RIVER 84.0 KM WEST OF GILGANDRA APPROACHES	DEPT	1	201,216	117,238	196,272	514,726
TOTAL 11								4,174,942
12	GLEN INNES	155.13 KM TO 156.14 KM WEST OF GRAFTON RECONSTRUCTION, BITUMINOUS SURFACING & REALIGNMENT	COUNCIL	2	15,737	9,169	15,350	40,256
12	GLEN INNES	156.14 KM TO 157.91 KM WEST OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	84,317	49,127	82,246	215,690
12	INVERELL	42.3 KM TO 43.05 KM WEST OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	4,017	2,340	3,918	10,275
12	INVERELL	MACINTYRE RIVER 0.27 KM WEST OF INVERELL - ROSS FOUR SPAN PRESTRESSED CONCRETE TWIN BOX GIRDER BRIDGE	HILL BRIDGE DEPT	2	325,893	189,880	317,885	833,658
12	INVERELL	43.1 KM TO 45.0 KM WEST OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	95,443	55,609	93,098	244,150
12	INVERELL	10.3 KM TO 11.2 KM & 25.8 KM TO 27.0 KM EAST OF INVERELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	10,983	6,399	10,714	28,096
12	INVERELL	16.35 KM TO 17.00 KM EAST OF INVERELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	14,204	8,276	13,855	36,335
12	INVERELL	ROSS HILL BRIDGE DETOUR 65.4 KM WEST OF GLEN INNES RECONSTRUCTION OF VARIOUS SECTIONS	COUNCIL	2	-8,047	-4,689	-7,849	-20,585
12	INVERELL	30.6 KM TO 32.0 KM WEST OF INVERELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	22,273	12,977	21,725	56,975



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0033

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM WLT H \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
12	INVERELL APPROACHES	BRIDGE OVER MACINTYRE RIVER AT INVERELL	COUNCIL	2	103,597	60,360	101,052	265,009
12	INVERELL RECONSTRUCTION & BITUMINOUS SURFACING	65.5 KM TO 66.4 KM WEST OF GLEN INNES	COUNCIL	2	34,375	20,029	33,530	87,934
12	MOREE PLAINS CORRECTION OF PAVEMENT FOR INSTALLATION OF SIGNALS	HEBER ST & BALD ST, MOREE	COUNCIL	2	39,203	22,841	38,240	100,284
12	MOREE PLAINS FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	GOONAL CREEK 68.85 WEST OF MOREE - BULLARAH BRIDGE	DEPT	2	10,303	6,003	10,050	26,356
12	MOREE PLAINS RECONSTRUCTION & BITUMINOUS SURFACING	67.77 KM TO 72.09 KM WEST OF MOREE	DEPT	2	31,539	18,376	30,764	80,679
12	NYMBODA STRENGTHENING & WIDENING OF PAVEMENT	69.8 KM TO 72.4 KM WEST OF GRAFTON	DEPT	2	64,396	37,520	62,814	164,730
12	NYMBODA REHABILITATION & WIDENING OVER SELECTED SECTIONS	5.4 KM TO 67.6 KM WEST OF GRAFTON	DEPT	2	16,298	9,496	15,897	41,691
12	SEVERN WIDENING	109.0 KM TO 115.8 KM FROM GRAFTON	DEPT	2	160,020	93,235	156,088	409,343
12	SEVERN REPLACEMENT OF DAMAGED PROTECTION FENCING WITH GUARDRAIL	GIBRALTAR RANGE 79.0 KM TO 118.0 KM WEST OF GRAFTON	DEPT	2	11,324	6,598	11,046	28,968
12	SEVERN RECONSTRUCTION & BITUMINOUS SURFACING	8.35 KM TO 9.3 KM WEST OF GLEN INNES	COUNCIL	2	20,469	11,926	19,966	52,361
12	SEVERN STRENGTHENING OF PAVEMENT & WIDENING OF SHOULDERS	18.9 KM TO 20.9 KM WEST OF GLEN INNES	COUNCIL	2	26,181	15,254	25,538	66,973
12	YALLAROI RECONSTRUCTION & BITUMINOUS SURFACING	43.4 KM TO 48.5 KM WEST OF INVERELL	COUNCIL	2	41,414	24,130	40,396	105,940
12	YALLAROI WIDENING OF PAVEMENT	43.56 KM TO 49.51 KM WEST OF INVERELL	COUNCIL	2	253	148	247	648
12	YALLAROI STRENGTHENING & WIDENING OF PAVEMENT	0.38 KM TO 2.65 KM EAST OF WARIALDA	COUNCIL	2	2,955	1,721	2,882	7,558
12	YALLAROI STRENGTHENING & WIDENING OF EXISTING PAVEMENT	31.64 KM TO 36.89 KM WEST OF WARIALDA	COUNCIL	2	-2,820	-1,643	-2,750	-7,213
12	YALLAROI RECONSTRUCTION & BITUMINOUS SURFACING	11.07 KM TO 13.42 KM WEST OF WARIALDA	COUNCIL	2	48,224	28,097	47,039	123,360



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0034

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
12	YALLAROI	26.81 KM TO 28.82 KM WEST OF WARRIALDA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	55,595	32,450	54,326	142,471
	TOTAL	12						3,141,942
13	BAULKHAM HILLS	MARSDEN RD TO CHARLES ST, CARLINGFORD RECONSTRUCTION OF FLEXIBLE SIDE STRIPS & FAILED CONCRETE SLABS	DEPT	6	11	4	8	23
13	HORNSBY	OBSERVATORY PARK, PENNANT HILLS IMPROVEMENT OF INTERSECTION	DEPT	6	32,747	12,122	24,274	69,143
13	HORNSBY	DUFFY AVE, DARTFORD RD & BUCKINGHAM AVE, NORMANHURST RIGHT TURN BAYS	DEPT	6	217,363	80,650	161,496	460,009
13	HORNSBY	YARRARA RD TO BOUNDARY RD, PENNANT HILLS RECONSTRUCTION TO SIX LANES	DEPT	6	23,993	8,882	17,786	50,661
	TOTAL	13						579,836
14	WAGGA WAGGA	4.2 KM TO 5.2 KM WEST OF WAGGA WAGGA PROVISION OF ADDITIONAL LANES	COUNCIL	1	12,409	7,230	12,104	31,743
14	WAGGA WAGGA	1.22 KM TO 1.62 KM WEST OF WAGGA WAGGA RECONSTRUCTION	COUNCIL	1	34,147	19,895	33,308	87,350
14	WAGGA WAGGA	BRIDGE OVER SANDY CREEK 12.94 KM TO 16.05 KM WEST OF WAGGA WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	15,253	8,887	14,878	39,018
14	WAGGA WAGGA	74.4 KM TO 76.0 KM WEST OF GUNDAGAI AT FOREST HILL WIDENING & STRENGTHENING INCLUDING DRAINAGE WORKS	DEPT	1	33,484	19,509	32,661	85,654
14	WAGGA WAGGA	24.3 KM TO 30.6 KM WEST OF WAGGA WAGGA WIDENING & REALIGNMENT	DEPT	1	317,309	184,879	309,512	811,700
14	WAGGA WAGGA	19.5 KM TO 21.5 KM EAST OF WAGGA WAGGA AT GUYS HILL STRENGTHENING & RESTORATION OF PAVEMENT	DEPT	1	470	274	458	1,202
14	WAGGA WAGGA	BRIDGES OVER TARCUTTA CREEK & FLOOD PLAIN SOUTH OF GUNDAGAI APPROACHES	DEPT	1	51,607	30,069	50,339	132,015
14	WAGGA WAGGA	EDWARD ST RAILWAY LEVEL CROSSING SUBWAY	DEPT	1	87,720	51,110	85,565	224,395
14	WAGGA WAGGA	BRIDGE OVER TARCUTTA CREEK 38.7 KM EAST OF WAGGA WAGGA WIDENING	DEPT	1	19,869	11,577	19,381	50,827



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0035

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH 1	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
14	WAKOOL	90.3 KM TO 92.3 KM WEST OF HAY RECONSTRUCTION & WIDENING ON IMPROVED ALIGNMENT	DEPT	1	166,394	96,949	162,306	425,649
14	WAKOOL	80.5 KM TO 83.4 KM WEST OF HAY RECONSTRUCTION & WIDENING ON IMPROVED ALIGNMENT	DEPT	1	65,412	38,112	63,804	167,328
14	WAKOOL	83.4 KM TO 86.6 KM WEST OF HAY RECONSTRUCTION & WIDENING ON IMPROVED ALIGNMENT	DEPT	1	232,813	135,647	227,092	595,552
14	WENTWORTH	BRIDGE OVER MURRAY RIVER 78.3 KM WEST OF EUSTON RECONSTRUCTION & BITUMINOUS SURFACING OF APPROACHES	AT MILDURA DEPT	1	134,534	78,385	131,228	344,147
14	WENTWORTH	MURRAY RIVER 1.48 KM NORTH OF MILDURA NINE SPAN PRESTRESSED GIRDER BRIDGE	DEPT	1	976,410			976,410
14	WENTWORTH	1.76 KM NORTH OF MILDURA FOUR SPAN PRESTRESSED CONCRETE GIRDER APPROACH BRIDGE NO.3	DEPT	1	551,199			551,199
14	WENTWORTH	2.02 KM NORTH OF MILDURA 12 SPAN PRESTRESSED CONCRETE PLANK APPROACH BRIDGE NO.2	DEPT	1	269,506			269,506
14	WENTWORTH	2.83 KM NORTH OF MILDURA THREE SPAN PRESTRESSED CONCRETE PLANK APPROACH BRIDGE NO.1	DEPT	1	274,571			274,571
	TOTAL	14						5,068,266
15	YASS	5.0 KM TO 29.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	-1,886,662			-1,886,662
15	YASS	33.7 KM SOUTH OF YASS RECONSTRUCTION OF INTERSECTIONS WITH ACCESS ROADS TO QUARRIES	DEPT	1	7,191			7,191
15	YASS	8.87 KM TO 10.0 KM SOUTH OF YASS PASSING LANE	DEPT	1	5,747			5,747
15	YASS	15.9 KM TO 16.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	1,133			1,133
15	YASS	19.36 KM TO 22.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	802,880			802,880
15	YASS	28.2 KM TO 36.6 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	1,295,041			1,295,041
	TOTAL	15						225,330



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0036

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
16	BALLINA	6.33 KM TO 12.24 KM WEST OF BALLINA RECONSTRUCTION & PROVISION OF CLIMBING LANES	COUNCIL	2	8,338	4,858	8,133	21,329
16	BALLINA	15.1 KM TO 17.3 KM WEST OF BALLINA STRENGTHENING OF PAVEMENT & PROVISION OF OVERTAKING LANE	COUNCIL	2	61,883	36,055	60,363	158,302
16	CASINO	JOHNSTON ST TO CANTERBURY ST, CASINO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	2,916	1,699	2,844	7,459
16	INVERELL	BRIDGE OVER MACINTYRE RIVER & BILLABONG AT YETMAN APPROACHES	COUNCIL	2	4,046	2,358	3,947	10,351
16	INVERELL	MACINTYRE RIVER 64.83 KM WEST OF TENTERFIELD DEMOLITION OF OLD BRIDGE	COUNCIL	2	2,344	1,366	2,287	5,997
16	INVERELL	0.0 KM TO 1.6 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	7,140	4,160	6,965	18,265
16	INVERELL	11.18 KM TO 15.62 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	-941	-548	-917	-2,406
16	INVERELL	BEARDY RIVER 87.5 KM WEST OF TENTERFIELD SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	81,575			81,575
16	INVERELL	15.6 KM TO 18.2 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	80,686	47,011	78,703	206,400
16	LISMORE	4.81 KM TO 5.42 KM WEST OF LISMORE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	13,847	8,068	13,506	35,421
16	LISMORE	9.4 KM TO 10.6 KM WEST OF LISMORE STRENGTHENING OF PAVEMENT	COUNCIL	2	40,581	23,544	39,584	103,809
16	MOREE PLAINS	42.4 KM TO 46.6 KM WEST OF YETMAN DEVIATION	COUNCIL	2	115,198	67,119	112,367	294,684
16	TENTERFIELD	RAILWAY LEVEL CROSSING NORTH WEST OF TENTERFIELD INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	DEPT	2	14,427	8,406	14,073	36,906
16	TENTERFIELD	DUMARESB RIVER OVERFLOW 79.75 KM WEST OF TENTERFIELD THREE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	17,444			17,444
16	TENTERFIELD	DUMARESB RIVER OVERFLOW 74.0 KM WEST OF TENTERFIELD FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	10,566			10,666
16	TENTERFIELD	79.5 KM TO 79.9 KM FROM TENTERFIELD TOWARDS BONSHAW RESTORATION & SEALING OF APPROACHES	DEPT	2	1,141	665	1,113	2,919



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0037

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
16	TENTERFIELD	73.73 KM TO 74.32 KM FROM TENTERFIELD TOWARDS BONSHAW	DEPT	2	12,746	7,426	12,432	32,604
		RESTORATION & SEALING OF APPROACHES						
16	TENTERFIELD	103.1 KM TO 104.8 KM WEST OF CASINO	DEPT	2	47,453	27,648	46,287	121,388
		WIDENING & PROVISION OF EAST BOUND OVERTAKING LANE						
16	TENTERFIELD	120.8 KM TO 125.3 KM WEST OF CASINO	DEPT	2	55,138	32,126	53,783	141,047
		STRENGTHENING & WIDENING OF PAVEMENT						
16	TENTERFIELD	BRIDGE OVER BEARDY RIVER 87.0 KM TO 87.5 KM WEST OF TENTERFIELD	DEPT	2	17,049	9,934	16,630	43,613
		EASTERN APPROACHES						
16	YALLARDI	31.18 KM TO 42.64 KM WEST OF YETMAN	COUNCIL	2	57,123	33,282	55,719	146,124
		TWO LANE CARRIAGEWAY						
16	YALLARDI	31.18 KM TO 37.01 KM WEST OF YETMAN	COUNCIL	2	43,556	25,378	42,486	111,420
		RECONSTRUCTION & BITUMINOUS SURFACING						
16	YALLARDI	23.17 KM TO 31.84 KM WEST OF YETMAN	COUNCIL	2	22,135	12,897	21,591	56,623
		TWO LANE CARRIAGEWAY						
16	YALLARDI	19.0 KM TO 23.2 KM WEST OF YETMAN	COUNCIL	2	8,568	4,992	8,358	21,918
		RECONSTRUCTION & BITUMINOUS SURFACING						
TOTAL		16						1,683,858
17	BERRIGAN	RAILWAY LEVEL CROSSING AT TOCUMWAL	DEPT	1	16,525	9,628	16,119	42,272
		INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS						
17	DUBBO	BRIDGE OVER MOUNTAIN CREEK 94.77 KM NORTH OF PARKES	DEPT	1	30,798	17,944	30,041	78,783
		WIDENING						
17	FORBES	34.7 KM TO 35.7 KM SOUTH OF FORBES	COUNCIL	1	4,986	2,905	4,864	12,755
		STRENGTHENING & BITUMINOUS SURFACING OF FAILED PAVEMENT						
17	FORBES	34.15 KM TO 35.15 KM SOUTH OF FORBES	COUNCIL	1	42,516	24,830	41,569	109,015
		RECONSTRUCTION & BITUMINOUS SURFACING						
17	JERILDERIE	IRRIGATION CROSSING 23.9 KM TO 24.6 KM NORTH OF FINLEY	DEPT	1	81,256	47,344	79,260	207,860
		APPROACHES						
17	JERILDERIE	BRIDGE OVER BILLABONG CREEK AT JERILDERIE	COUNCIL	1	71,404	41,603	69,649	182,656
		CONSTRUCTION OF SIDETRACK						
17	JERILDERIE	BERRIGAN CREEK ESCAPE 24.13 KM NORTH OF FINLEY	DEPT	1	5,050	2,942	4,925	12,917
		TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE						

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0038

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
17	MOREE PLAINS	97.18 KM TO 98.32 KM NORTH OF NARRABRI STRENGTHENING & BITUMINOUS SURFACING	COUNCIL	1	22,763	13,263	22,204	58,230
17	MOREE PLAINS	BOOLOOROD BRIDGE OVER GWYDIR RIVER 11.2 KM NORTH OF MOREE DEMOLITION OF OLD BRIDGE	DEPT	1	4,589	2,674	4,476	11,739
17	MOREE PLAINS	113.43 KM TO 114.00 KM NORTH OF MOREE AT BOGGABILLA TURNOUT FOR SHELL TRUCK PORT	DEPT	1	66,232	38,590	64,605	169,427
17	NARRABRI	STOCK CREEK 3.4 KM NORTH OF NARRABRI SINGLE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	13,903	8,100	13,561	35,564
17	NARRABRI	NARRABRI TO MOREE RAILWAY LINE 3.2 KM NORTH OF NARRABRI SINGLE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	137,031	79,841	133,664	350,536
17	NARRABRI	DOCTORS CREEK TO MULGATE CREEK 0.8 KM NORTH OF NARRABRI DEVIATION	DEPT	1	528,554	307,959	515,565	1,352,079
17	NARRABRI	NARRABRI TO MOREE RAILWAY LINE 3.7 KM NORTH OF NARRABRI SINGLE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	195,018	113,626	190,225	498,870
17	NARRANDERA	MURRUMBIDGEE RIVER 2.3 KM SOUTH OF NARRANDERA REINFORCED CONCRETE BRIDGE	DEPT	1	154,516	90,028	150,719	395,263
17	NARRANDERA	BRIDGES OVER MURRUMBIDGEE RIVER & FLOODPLAIN APPROACHES	DEPT	1	384,307	223,915	374,864	983,086
17	NARRANDERA	MURRUMBIDGEE RIVER FLOOD PLAIN 2.46 KM SOUTH OF NARRANDERA THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	31,032	16,080	30,269	79,381
17	NARRANDERA	MURRUMBIDGEE RIVER 2.46 KM SOUTH OF NARRANDERA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	144,570	84,233	141,017	369,820
17	NARROMINE	BRIDGE OVER MOUNTAIN CREEK 95.5 KM NORTH OF PARKES APPROACHES	DEPT	1	46,230	26,936	45,094	118,260
17	NARROMINE	BRIDGE OVER FIDDLERS CREEK 29.41 KM NORTH OF PEAK HILL WIDENING	DEPT	1	20,005	11,656	19,513	51,174
17	NARROMINE	104.9 KM TO 109.4 KM NORTH OF PARKES STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	85,568	49,856	83,465	218,889
17	PARKES	BRIDGE OVER BURRENDONG CREEK 25.75 KM NORTH OF PARKES WIDENING	DEPT	1	36,446	21,235	35,550	93,231
17	PARKES	BRIDGE OVER BURRENDONG CREEK 25.6 KM TO 26.8 KM NORTH OF PARKES APPROACHES	DEPT	1	-1	-1	-1	-3



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0039

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
17	PARKES	32.5 KM SOUTH OF PARKES REINFORCED CONCRETE BOX CULVERT	COUNCIL	1	7,571	4,411	7,385	19,367
17	URANA	31.5 KM TO 37.5 KM SOUTH OF NARRANDERA STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	29,774	17,347	29,042	76,163
TOTAL 17								5,527,334
18	COONAMBLE	0.0 KM TO 1.5 KM SOUTH OF COONAMBLE RECONSTRUCTION AND WIDENING	DEPT	2	115,538	67,318	112,699	295,555
18	COONAMBLE	CASTLEREAGH RIVER, COONAMBLE FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	311,681	181,620	304,023	797,304
18	COONAMBLE	BRIDGE OVER CASTLEREAGH RIVER 0.13 KM NORTH OF COONAMBLE APPROACHES	DEPT	2	15,892	9,259	15,501	40,652
18	COONAMBLE	SELECTED SECTIONS 1.7 KM TO 109.0 KM NORTH OF COONAMBLE STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	196,115	114,266	191,296	501,677
18	GILGANDRA	CASTLEREAGH RIVER 18.35 KM NORTH OF GILGANDRA - 13 SPAN PRESTRESSED CONCRETE BRIDGE	ARMATREE DEPT	2	146,290	85,235	142,695	374,220
18	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER AT ARMATREE APPROACHES	DEPT	2	218,818	127,494	213,442	559,754
18	GILGANDRA	CASTLEREAGH RIVER AT ARMATREE DEMOLITION OF OLD BRIDGE	COUNCIL	2	2,380	1,387	2,322	6,089
18	WALGETT	BRIDGE OVER NAMOI RIVER 0.79 KM NORTH OF WALGETT DEMOLITION	DEPT	2	1,802	1,050	1,758	4,610
18	WALGETT	79.0 KM TO 94.0 KM NORTH OF COONAMBLE RESTORATION OF FLOOD DAMAGED CULVERTS	DEPT	2	3,544	2,065	3,457	9,066
18	WALGETT	BRIDGE OVER NAMOI RIVER 0.4 KM TO 1.6 KM NORTH OF WALGETT APPROACHES	DEPT	2	8,692	5,064	8,478	22,234
18	WALGETT	NAMOI RIVER 0.79 KM NORTH OF WALGETT EIGHT SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	9,099	5,302	8,876	23,277
TOTAL 18								2,634,438
19	BOMBALA	2.4 KM TO 13.6 KM NORTH OF BOMBALA WIDENING & REFORMATION OF PAVEMENT	COUNCIL	2	-2,556	-1,489	-2,493	-6,538

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0040

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
19	BOMBALA	20.32 KM TO 24.74 KM SOUTH OF BOMBALA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	32,820	19,122	32,013	83,955
19	BOMBALA	OUTOBIKKO CREEK 18.0 KM SOUTH OF BOMBALA FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	2	19,041	11,094	18,573	48,708
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA SUPPLY OF PIPES	DEPT	2	93,255			93,255
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA PRINCIPAL'S SUPERVISION	DEPT	2	3,872			3,872
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA PROVISION OF SIDE TRACK	DEPT	2	2,841	1,655	2,771	7,267
19	COOMA-MONARO	BRIDGE OVER COOMA CREEK 105.95 KM SOUTH OF COOMA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	111,903	65,200	109,153	286,256
19	COOMA-MONARO	BRIDGE OVER COOMA CREEK 105.95 KM SOUTH OF CANBERRA SUPPLY & DELIVERY OF GIRDERS	DEPT	2	3,618	2,108	3,529	9,255
19	COOMA-MONARO	BRIDGE OVER INGELABA CREEK 65.7 KM SOUTH OF CANBERRA APPROACHES	DEPT	2	3,814	2,222	3,720	9,756
19	COOMA-MONARO	COLYER'S CREEK 69.8 KM TO 69.5 KM SOUTH OF CANBERRA APPROACHES	DEPT	2	105,729	61,603	103,131	270,463
19	COOMA-MONARO	58.6 KM TO 64.7 KM SOUTH OF CANBERRA WIDENING OF PAVEMENT & BITUMINOUS SURFACING	DEPT	2	220,904	128,709	215,476	565,089
19	COOMA-MONARO	BRIDGE OVER COOMA CREEK 104.5 KM TO 107.0 KM SOUTH OF CANBERRA APPROACHES	DEPT	2	5,240	3,053	5,111	13,404
19	YARROWLUMLA	34.6 KM TO 45.2 KM SOUTH OF CANBERRA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	56,624	32,992	55,233	144,849
	TOTAL	19						1,529,591
20	ALBURY	0.5 KM TO 8.0 KM WEST OF ALBURY WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	174,020	101,392	169,744	445,156
20	ALBURY	2.2 KM TO 13.3 KM EAST OF ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	3	139,336	81,183	135,912	356,431
20	BERRIGAN	BRIDGE OVER MULWALA CREEK 49.8 KM EAST OF DENILQUIN APPROACHES	DEPT	2	81,924	47,733	79,911	209,568



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0041

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
20	BERRIGAN	MULWALA CANAL 50.35 KM EAST OF DENILIQUIN SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	86,145	50,192	84,029	220,366
TOTAL 20								1,231,521
21	CENTRAL DARLING	2.2 KM TO 21.0 KM SOUTH OF IVANHOE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	24,180	14,088	23,585	61,853
21	CENTRAL DARLING	21.0 KM TO 31.0 KM SOUTH OF IVANHOE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	372,361	216,955	363,212	952,528
21	DENILIQUIN	HARDINGE ST TO CRISPE ST, DENILIQUIN RECONSTRUCTION OF DAMAGED PAVEMENT	COUNCIL	2	24,142	14,066	23,549	61,757
21	DENILIQUIN	CRISPE ST & OCHERTYRE ST, DENILIQUIN RECONSTRUCTION OF INTERSECTION	DEPT	2	81,294	47,365	79,296	207,955
21	DENILIQUIN	68.3 KM TO 70.4 KM NORTH OF MOAMA RECONSTRUCTION & WIDENING	DEPT	2	73,264	42,687	71,464	187,415
21	HAY	BRIDGE AT BOOLIGAL 76.8 KM TO 77.7 KM NORTH OF HAY RECONSTRUCTION OF SOUTHERN APPROACH	DEPT	2	16,252	9,469	15,853	41,574
21	HAY	LACHLAN RIVER, BOOLIGAL FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	31,489	18,347	30,715	80,551
21	MURRAY	64.4 KM TO 68.3 KM NORTH OF MOAMA RECONSTRUCTION & WIDENING	DEPT	2	265,481	154,681	258,957	679,119
21	WINDOURAN	IRRIGATION CHANNEL & BOX CREEK 21.5 KM NORTH OF DENILIQUIN WIDENING OF CULVERT	DEPT	2	409	239	399	1,047
TOTAL 21								2,273,799
22	BROKEN HILL	1.2 KM TO 2.5 KM SOUTH OF BROKEN HILL POST OFFICE RUBBERISED BITUMINOUS SURFACING	COUNCIL	2	6,027	3,511	5,879	15,417
22	BROKEN HILL	CHAPPLE LANE TO WILLIAM ST, BROKEN HILL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	4,676	2,724	4,561	11,961
22	BROKEN HILL	CRYSTAL ST FROM BROMIDE ST TO GOSSAN ST, BROKEN HILL REHABILITATION OF PAVEMENT	COUNCIL	2	14,281	8,321	13,930	36,532
22	BROKEN HILL	ARGENT ST TO BLENDE ST, BROKEN HILL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	7,140	4,160	6,965	18,265

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0042

ROAD	LOCAL SOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM <sup>W</sup> LTHTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
22	BROKEN HILL	3.0 KM TO 3.4 KM SOUTH OF BROKEN HILL REHABILITATION OF PAVEMENT	COUNCIL	3	6,188	3,606	6,036	15,830
TOTAL	22							98,005
23	NEWCASTLE	RIDGEWAY RD TO RUSSELL RD, CHARLESTOWN IMPROVEMENT OF DRAINAGE & PROVISION OF MEDIAN	COUNCIL	6		25,953		25,953
23	NEWCASTLE	PARK AVE TO CARDIFF RD NORTH OF SH10 AT CHARLESTOWN DIVIDED CARRIAGEWAYS	COUNCIL	6		667,576		667,576
TOTAL	23							693,529
25	WINGECARRIBEE	SH25 & MR264, ROBERTSON HEAVY PATCHING	DEPT	2	886	516	864	2,266
25	WINGECARRIBEE	ARGYLE ST FROM MR260 TO NORTH ST, MOSS VALE RECONSTRUCTION OF PAVEMENT	DEPT	2	379,294	220,994	369,974	970,262
25	WINGECARRIBEE	39.4 KM TO 51.9 KM SOUTH OF WOLLONGONG HEAVY PATCHING OF SELECTED LENGTHS	DEPT	6		137,805		137,805
25	WINGECARRIBEE	MEDWAY RIVULET, SUTTON FOREST TWIN SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	114,689			114,689
TOTAL	25							1,225,022
26	GOSFORD	64.0 KM TO 72.0 KM NORTH OF SYDNEY STRENGTHENING OF PAVEMENT	DEPT	6	1,001,058			1,001,058
TOTAL	26							1,001,058
TOTAL		STATE HIGHWAYS			85,715,360	25,544,818	26,925,203	138,185,381



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0043

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
TRUNK ROADS								
51	EUROBODALLA	26.3 KM TO 27.8 KM WEST OF BATEMANS BAY PROVISION OF CLIMBING LANE	COUNCIL	2	20,734	12,081	20,225	53,040
51	QUEANBEYAN	A.C.T. TO QUEANBEYAN 0.55 KM TO 2.0 KM EAST OF CANBERRA ALTERNATE ROUTE (PART 3)	COUNCIL	6		21,856		21,856
51	QUEANBEYAN	THURRABILLY ST, QUEANBEYAN RIGHT HAND TURN STORAGE BAY FOR WESTBOUND TRAFFIC	COUNCIL	6		638		638
51	QUEANBEYAN	2.0 KM TO 2.6 KM EAST OF CANBERRA ALTERNATE ROUTE	COUNCIL	6		33,447		33,447
51	TALLAGANDA	25.16 KM TO 26.38 KM WEST OF BRAIDWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	49,506	28,845	48,290	126,641
51	YARROWLUMLA	19.10 KM TO 19.85 KM EAST OF QUEANBEYAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	577	336	563	1,476
51	YARROWLUMLA	BRIDGE OVER MOLONGLO RIVER 9.8 KM EAST OF QUEANBEYAN APPROACHES	COUNCIL	2	109,486	63,791	106,795	280,072
51	YARROWLUMLA	19.9 KM TO 22.0 KM EAST OF QUEANBEYAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	47,025	27,399	45,870	120,294
TOTAL		51						637,464
52	GUNNING	21.10 KM TO 23.65 KM SOUTH OF GUNNING RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	55,537	32,359	54,173	142,069
52	GUNNING	23.6 KM TO 25.3 KM SOUTH OF GUNNING RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	1,596	924	1,547	4,057
52	QUEANBEYAN	2.6 KM TO 3.0 KM NORTH OF QUEANBEYAN RECONSTRUCTION & WIDENING	COUNCIL	2	34,016	19,820	33,181	87,017
52	YARROWLUMLA	12.1 KM TO 12.6 KM SOUTH OF GUNNING IMPROVEMENT OF JUNCTION	COUNCIL	2	4,760	2,774	4,643	12,177
TOTAL		52						245,320
54	BATHURST	3.0 KM TO 5.0 KM NORTH OF BATHURST RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	23,801	13,868	23,216	60,885
54	BATHURST	0.12 KM TO 0.39 KM FROM SH5 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	31,371	18,278	30,600	80,249

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0044

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
54	CROOKWELL	24.3 KM TO 56.0 KM NORTH OF CROOKWELL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	-3,261	-1,900	-3,180	-8,341
54	CROOKWELL	29.37 KM TO 32.0 KM NORTH OF CROOKWELL RECONSTRUCTION	COUNCIL	2	44,838	26,125	43,736	114,699
54	EVANS	32.5 KM TO 34.9 KM NORTH OF BATHURST RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	2,509	1,462	2,448	6,419
54	EVANS	32.50 KM TO 35.58 KM NORTH OF BATHURST RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	99,992	58,260	97,535	255,787
54	GOULBURN	BRIDGE OVER WOLLONDILLY RIVER 2.2 KM NORTH OF GOULBURN APPROACHES	COUNCIL	2	44,270	25,794	43,182	113,246
54	GOULBURN	WOLLONDILLY RIVER 3.2 KM NORTH OF GOULBURN FIVE SPAN PRESTRESSED CONCRETE TROUGH GIRDER BRIDGE	DEPT	2	326,793	190,404	318,763	835,960
TOTAL		54						1,458,904
55	BLUE MOUNTAINS	SCOTT AVE & SH5, LEURA 100.1 KM WEST OF SYDNEY RECONSTRUCTION OF JUNCTION	DEPT	6	143,332	53,059	106,248	302,639
55	COOLAH	TALBRAGAR RIVER 1.04 KM EAST OF CRABOON 15 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	-44,244	-25,779	-43,157	-113,180
55	COOLAH	TALBRAGAR RIVER FLOOD PLAIN 1.41 KM EAST OF CRABOON 15 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	203,847	118,770	198,838	521,455
55	COOLAH	21.4 KM TO 23.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	72,146	42,036	70,373	184,555
55	COOLAH	BRIDGE OVER TALBRAGAR RIVER AT CRABOON APPROACHES	COUNCIL	2	148,995	86,812	145,334	381,141
55	COOLAH	24.8 KM TO 27.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	54,559	31,789	53,218	139,566
55	COOLAH	19.0 KM TO 25.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-95,748	-55,787	-93,396	-244,931
55	COOLAH	23.0 KM TO 24.83 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	1,718	1,001	1,676	4,395
55	COOLAH	18.1 KM TO 19.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	26,183	15,256	25,540	66,979



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0045

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
55	COONABARABRAN	DORINS CREEK 42.5 KM NORTH OF COOLAH FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	127,549	74,316	124,414	326,279
55	COONABARABRAN	BRIDGE OVER DORINS CREEK 41.6 KM NORTH OF COOLAH APPROACHES	COUNCIL	3	34,478	20,099	33,631	88,198
55	COONABARABRAN	42.90 KM TO 47.45 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	35,877	20,904	34,995	91,776
55	GREATER LITHGOW	21.5 KM TO 24.2 KM NORTH OF LITHGOW WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	DEPT	2	118,096	68,808	115,194	302,098
55	GREATER LITHGOW	18.0 KM TO 20.9 KM NORTH OF LITHGOW WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	DEPT	2	4,964	2,892	4,842	12,698
55	GREATER LITHGOW	MAIN ST & WOLGAN RD, WALLERAWANG HEAVY PATCHING & CHANNELISATION OF INTERSECTION	DEPT	2	50,588	29,475	49,345	129,408
55	GUNNEDAH	11.01 KM TO 12.36 KM SOUTH OF MULLALEY REALIGNMENT OF SHORT SECTION	COUNCIL	3	19,958	11,634	19,477	51,079
55	GUNNEDAH	73.88 KM TO 75.22 KM NORTH OF COOLAH GRAVEL & SEAL SUBGRADE	COUNCIL	3	32,370	18,860	31,574	82,804
55	GUNNEDAH	71.5 KM TO 73.88 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	18,565	10,817	18,109	47,491
55	MUDGEES	16.0 KM TO 22.0 KM SOUTH OF MUDGEES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	68,071	39,661	66,399	174,131
55	RYLSTONE	CHERRY TREE HILL 62.5 KM TO 64.6 KM NORTH OF LITHGOW WIDENING OF PAVEMENT	COUNCIL	3	124,387	72,474	121,331	318,192
55	RYLSTONE	53.4 KM TO 68.4 KM NORTH OF LITHGOW HEAVY PATCHING OF SELECTED LOCATIONS	COUNCIL	3	2,856	1,664	2,786	7,306
55	RYLSTONE	WINDAKERE DAM 18.0 KM TO 34.0 KM EAST OF MUDGEES DEVIATION	DEPT	2	703,174	409,701	685,895	1,798,770
TOTAL 55								4,672,849
56	COWRA	7.39 KM TO 8.65 KM SOUTH OF COWRA STRENGTHENING & WIDENING	COUNCIL	2	2,256	1,314	2,200	5,770
56	COWRA	8.65 KM TO 9.68 KM SOUTH OF COWRA STRENGTHENING & WIDENING	COUNCIL	2	-605	-353	-590	-1,548

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0046

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	TRUNK ROADS (CONT'D)						
56	FORBES APPROACHES	BRIDGE OVER COONIGAL CREEK 49.8 KM NORTH WEST OF COWRA	COUNCIL 3	31,505	18,356	30,731	80,592
56	FORBES	25.25 KM EAST OF FORBES 4 CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 3	24,977	14,553	24,363	63,893
	TOTAL	56					148,707
57	BLAND	RAILWAY LEVEL CROSSING AT BARMEDMAN INSTALLATION OF TYPE "F" FLASHING LIGHTS	COUNCIL 3	2,108	1,228	2,057	5,393
57	BLAND APPROACHES	BRIDGE OVER TEA TREE CREEK 4.85 KM NORTH OF WEST WYALONG	COUNCIL 3	9,839	5,733	9,597	25,169
57	BLAND	TEA TREE CREEK 5.51 KM NORTH OF WEST WYALONG EIGHT SPAN REINFORCED CONCRETE BRIDGE	COUNCIL 3	6,670	3,886	6,506	17,062
57	BLAND	TEA TREE CREEK 5.65 KM NORTH OF WEST WYALONG NINE SPAN REINFORCED CONCRETE BRIDGE	COUNCIL 3	-4,616	-2,689	-4,502	-11,807
57	BOGAN APPROACHES	BRIDGE OVER BOGAN RIVER 48.0 KM SOUTH OF NYNGAN AT BUDDABADAH	COUNCIL 3	79,130	46,105	77,186	202,421
57	BOGAN	BOGAN RIVER 46.9 KM SOUTH OF NYNGAN ELEVEN SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	-1,477	-860	-1,441	-3,778
57	LACHLAN APPROACHES	BRIDGE OVER LACHLAN RIVER AT CONDOBOLIN	COUNCIL 3	4,504	2,683	4,491	11,778
57	LACHLAN	53.04 KM TO 55.04 KM NORTH OF CONDOBOLIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	40,698	23,712	39,698	104,108
57	TEMORA	VICTORIA ST TO BRITANNIA ST, TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	6,199	3,612	6,046	15,857
57	TEMORA	0.26 KM TO 0.52 KM NORTH OF TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	798	465	778	2,041
57	TEMORA	1.6 KM TO 6.6 KM SOUTH OF TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	26,657	15,532	26,002	68,191
	TOTAL	57					436,435
61	CABONNE	8.35 KM TO 9.85 KM WEST OF ORANGE WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL 2	52,839	30,786	51,540	135,165



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0047

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)							
61	CABONNE	56.0KM TO 56.4KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	24,277	14,145	23,681	62,103
61	CABONNE	4.9 KM TO 7.1 KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	1,208	704	1,179	3,091
61	CABONNE	LEVEL CROSSING AT RED HILL NEAR JEERABUNG INSTALLATION OF TYPE F FLASHING LIGHTS & WARNING BELLS	COUNCIL 2	73,116	42,601	71,320	187,037
TOTAL		61					387,396
62	COOLAH	TALBRAGAR RIVER, UARBRY NINE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 2	23,008	13,405	22,442	58,855
62	COOLAH	BRIDGE OVER TALBRAGAR RIVER, UARBRY APPROACHES	COUNCIL 2	-21,656	-12,618	-21,123	-55,397
62	SCONE	41.9 KM TO 42.5 KM WEST OF SCONE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	3,091	1,801	3,015	7,907
TOTAL		62					11,365
63	BARRABA	74.85 KM TO 75.94 KM NORTH OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	9,943	5,793	9,699	25,435
63	BARRABA	75.8 KM TO 77.4 KM NORTH OF TAMWORTH RECONSTRUCTION & REALIGNMENT	COUNCIL 3	35,439	20,648	34,568	90,655
63	MANILLA	65.1 KM TO 67.1 KM NORTH OF TAMWORTH RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3	13,659	7,959	13,324	34,942
63	MANILLA	65.1KM TO 65.7KM NORTH OF TAMWORTH RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3	697	401	671	1,759
63	MANILLA	59.2 KM TO 61.9 KM NORTH OF MANILLA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	51,675	30,108	50,406	132,189
63	PARRY	ATTUNGA CREEK 21.03 KM NORTH OF TAMWORTH 5 SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	71,404	41,603	69,649	182,656
63	PARRY	BRIDGE OVER ATTUNGA CREEK 19.6 KM TO 20.6 KM NORTH OF TAMWORTH APPROACHES	COUNCIL 3	9,520	5,547	9,287	24,354
63	TAMWORTH	0.5 KM TO 1.7 KM WEST OF TAMWORTH RECONSTRUCTION & WIDENING OF FAILED PAVEMENT	COUNCIL 3	1,068	622	1,042	2,732

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0048

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
63	YALLAROI	OTTLEYS CREEK 49.2 KM NORTH OF WARIALDA TWELVE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	-10,727	-6,250	-10,463	-27,440
63	YALLAROI	21.8 KM TO 23.2 KM NORTH OF WARIALDA RECONSTRUCTION OF DAMAGED PAVEMENT	COUNCIL	3	7,237	4,217	7,060	18,514
63	YALLAROI	19.4 KM TO 20.9 KM NORTH OF WARIALDA RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL	3	23,801	13,868	23,216	60,885
TOTAL		63						546,681
65	BYRON	29.6 KM TO 31.2 KM EAST OF LISMORE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	11,863	6,912	11,571	30,346
65	BYRON	1.60 KM TO 2.35 KM SOUTH OF BYRON BAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	39,339	22,921	38,373	100,633
65	BYRON	RAILWAY LEVEL CROSSING AT SHIRLEY ST, BYRON BAY INSTALLATION OF "F" TYPE FLASHING LIGHTS & WARNING BELLS	DEPT	4		-18,372		-18,372
65	LISMORE	NORTH COAST RAILWAY LINE AT BEXHILL 21.2 KM WEST OF BYRON BAY REPLACEMENT OVERBRIDGE	DEPT	3	-2,055	-1,198	-2,005	-5,258
65	LISMORE	NORTH COAST RAILWAY LINE 10.1 KM EAST OF LISMORE THREE SPAN PRESTRESSED CONCRETE GIRDER & DECK OVERBRIDGE	COUNCIL	3	-9,023	-5,257	-8,801	-23,081
TOTAL		65						84,268
66	CENTRAL DARLING	15.4 KM TO 21.7 KM WEST OF MENINDEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	11,654	6,790	11,368	29,812
TOTAL		66						29,812
67	BALRANALD	BRIDGE OVER WAKOOL RIVER 32.3 KM TO 37.7 KM NORTH OF SWAN HILL NORTHERN APPROACH	COUNCIL	3	-21,658	-12,619	-21,126	-55,403
67	BALRANALD	30 KM TO 32.6 KM SOUTH OF BALRANALD WIDENING & SEALING OF PAVEMENT	COUNCIL	3	64,500	37,580	62,915	164,995
67	WAKOOL	BRIDGE OVER WAKOOL RIVER AT KYALITE APPROACHES	COUNCIL	3	-19,378	-11,290	-18,902	-49,570
67	WAKOOL	BRIDGE OVER WAKOOL RIVER AT KYALITE DEMOLITION OF OLD BRIDGE	DEPT	3	19,249	11,215	18,776	49,240



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0049

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	TRUNK ROADS (CONT'D)						
	TOTAL	67					109,262
68	CENTRAL DARLING	1.0 KM TO 15.4 KM WEST OF MENINDEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	26,111	15,214	25,470	66,795
68	WALGETT	7.58 KM TO 13.50 KM WEST OF WALGETT RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	632,938			632,938
68	WALGETT	13.51 KM TO 19.10 KM WEST OF WALGETT RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	632,938			632,938
68	WALGETT	PYMS GULLY 74.8 KM EAST OF WALGETT REINFORCED CONCRETE BOX CULVERT	COUNCIL 3	147	86	144	377
68	WALGETT	PYMS GULLY 0.5 KM NORTH OF COLLARENEBRI REPLACEMENT OF FLOOD DAMAGED STRUCTURE	COUNCIL 3	191	111	186	488
68	WENTWORTH	83.5 KM TO 88.4 KM NORTH OF WENTWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	21,723	12,657	21,189	55,569
68	WENTWORTH	88.4 KM TO 93.4 KM NORTH OF WENTWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	16,359	9,531	15,957	41,847
	TOTAL	68					1,430,952
70	BOGAH	16.1 KM TO 18.3 KM EAST OF COOLABAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	18,204	10,606	17,756	46,566
70	BOGAH	22.0 KM TO 24.18 KM EAST OF COOLABAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	69,023	40,216	67,327	176,566
70	BREWARRINA	32.72 KM TO 37.06 KM NORTH OF BREWARRINA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	449	261	438	1,148
70	BREWARRINA	34.98 KM TO 37.05 KM & 40.18 KM TO 41.23 KM NTH OF BREWARRINA RECONSTRUCTION & PRIMER SEALING	COUNCIL 3	36,051	21,005	35,165	92,221
70	BREWARRINA	41.2 KM TO 43.32 KM NORTH OF BREWARRINA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	16,339	9,520	15,938	41,797
	TOTAL	70					358,298
72	GUNNEDAH	65.3 KM NORTH OF QUIRINDI RELOCATE LEVEL CROSSING AND INSTALL "F" TYPE FLASHING LIGHTS	COUNCIL 2	35,702	20,801	34,825	91,328

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0050

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	TRUNK ROADS (CONT'D)						
72	QUIRINDI	19.95 KM TO 20.58 KM NORTH OF QUIRINDI STRENGTHENING & REHABILITATION OF PAVEMENT	COUNCIL 2	30,942	18,028	30,181	79,151
72	QUIRINDI	19.50 KM TO 19.95 KM NORTH OF QUIRINDI STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL 2	4,585	2,671	4,472	11,728
	TOTAL	72					182,207
73	GUYRA	BRIDGE OVER COPES CREEK 17.14 KM SOUTH OF INVERELL SOUTHERN APPROACH	COUNCIL 3	28,561	16,641	27,860	73,062
73	INVERELL	COPES CREEK 17.3 KM SOUTH OF INVERELL THREE SPAN PRESTRESSED CONCRETE BROAD FLANGE GIRDER BRIDGE	COUNCIL 3	10,106	5,888	9,858	25,852
73	INVERELL	BRIDGE OVER COPES CREEK 29.4 KM TO 30.2 KM NORTH OF BUNDARRA APPROACHES	COUNCIL 3	17,255	10,054	16,831	44,140
73	INVERELL	45.9 KM TO 45.49 KM NORTH OF BUNDARRA STRENGTHENING & BITUMINOUS SURFACING	COUNCIL 3	5,272	3,072	5,143	13,487
73	URALLA	BASIN CREEK 44.16 KM NORTH OF URALLA THREE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL 3	74,208	43,237	72,385	189,830
73	URALLA	BRIDGE OVER BASIN CREEK 44.4 KM TO 46.18 KM NORTH OF URALLA APPROACHES	COUNCIL 3	19,035	11,091	18,567	48,693
73	URALLA	RAILWAY LEVEL CROSSING 37.85 KM TO 38.20 KM NORTH OF WALCHA RECONSTRUCTION OF APPROACHES	COUNCIL 3	20,564	11,982	20,059	52,605
	TOTAL	73					447,669
74	ARMIDALE	CHAPEL ST TO CANAMBE ST, ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	-5,534	-3,224	-5,398	-14,156
74	ARMIDALE	1.6 KM TO 2.0 KM EAST OF ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	13,186	7,683	12,862	33,731
74	ARMIDALE	2.03 KM TO 2.95 KM EAST OF ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	7,194	4,191	7,017	18,402
74	DUMARESQ	82.2 KM TO 84.8 KM EAST OF ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING (STAGE 2)	COUNCIL 2	22,445	13,077	21,893	57,415
74	DUMARESQ	GUY FAWKES CREEK 79.3 KM EAST OF ARMIDALE THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	5,409	3,152	5,276	13,837



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0051

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	TRUNK ROADS (CONT'D)						
74	DUMARESQ APPROACHES	GUY FAWKES BRIDGE 79.0 KM TO 79.4 KM EAST OF ARMIDALE	COUNCIL 2	4,035	2,351	3,936	10,322
74	DUMARESQ RECONSTRUCTION	82.2 KM TO 84.8 KM EAST OF ARMIDALE OF SELECTED SUBGRADE	COUNCIL 2	59,935	34,921	58,463	153,319
74	GRAFTON APPROACHES	BRIDGE OVER MUSK VALLEY CREEK 4.4 TO 4.8 KM SOUTH OF GRAFTON	COUNCIL 3	18,832	10,973	18,370	48,175
74	GRAFTON PRESTRESSED CONCRETE BRIDGE	MUSK VALLEY CREEK 4.7 KM SOUTH OF GRAFTON	COUNCIL 3	-4,994	-2,909	-4,871	-12,774
74	NYMBOIDA APPROACHES	BRIDGE OVER BLAXLAND CREEK 31.4 KM TO 32.4 KM SOUTH OF GRAFTON	COUNCIL 3	33,438	19,482	32,616	85,536
74	NYMBOIDA RECONSTRUCTION	102.6 KM TO 103.6 KM SOUTH OF GRAFTON & BITUMINOUS SURFACING	COUNCIL 3	14,822	8,636	14,458	37,916
74	NYMBOIDA RECONSTRUCTION	98.9 KM TO 102.6 KM SOUTH OF GRAFTON & BITUMINOUS SURFACING	COUNCIL 3	24,222	14,113	23,627	61,962
	TOTAL	74					493,685
75	DUMARESQ APPROACHES	BRIDGE OVER DYKE RIVER 93.2 KM TO 93.8 KM EAST OF ARMIDALE	COUNCIL 2	52,839	30,786	51,540	135,165
75	DUMARESQ REINFORCED CONCRETE BRIDGE	DYKE RIVER 93.0 KM EAST OF ARMIDALE	DEPT 3	2,726	1,588	2,659	6,973
75	KEMPSEY RECONSTRUCTION	58.46 KM TO 59.29 KM WEST OF KEMPSEY & BITUMINOUS SURFACING	COUNCIL 3	14,573	8,491	14,215	37,279
	TOTAL	75					179,417
76	BELLINGEN RECONSTRUCTION	16.8 KM TO 17.8 KM WEST OF DORRIGO & STRENGTHENING OF PAVEMENT	COUNCIL 2	27,771	16,181	27,088	71,040
76	BELLINGEN RECONSTRUCTION	19.7KM TO 20.7KM WEST OF DORRIGO OF FAILED PAVEMENT	COUNCIL 2	4,629	2,697	4,515	11,841
76	BELLINGEN RECONSTRUCTION	BRIDGE OVER CONNELL'S CREEK 2.5 KM TO 4.5 KM WEST OF SH10 OF APPROACHES	COUNCIL 3	25,926	15,106	25,289	66,321
76	BELLINGEN RESTORATION	17.0 KM TO 19.0 KM WEST OF BELLINGEN OF FAILED PAVEMENT	COUNCIL 3	35,712	20,808	34,835	91,355

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0052

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM WLT S	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
76	BELLINGEN	7.7 KM TO 8.7 KM WEST OF DORRIGO RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL	3	13,889	8,093	13,548	35,530
TOTAL		76						276,087
77	COOLAH	TALBRAGAR RIVER PRESTRESSED CONCRETE BRIDGE - FIRST RELIEF STRUCTURE	COUNCIL	2	-8,762	-5,105	-8,546	-22,413
77	GILGANDRA	APPLE TREE FLAT 34.25 KM EAST OF GILGANDRA PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	1,114	649	1,086	2,849
77	GILGANDRA	SALLABALAH CREEK 23.8 KM EAST OF GILGANDRA REINFORCED CONCRETE BRIDGE	COUNCIL	3	28,561	16,641	27,860	73,062
77	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER AT BOYBEN FABRICATION & SUPPLY OF GIRDERS	DEPT	3	76,081	44,328	74,212	194,621
77	GILGANDRA	BRIDGE AT APPLE TREE FLAT 34.22 KM EAST OF GILGANDRA APPROACHES	COUNCIL	3	1,049	611	1,023	2,683
77	GILGANDRA	BRIDGE OVER SALLABALAH CREEK 23.8 KM EAST OF GILGANDRA APPROACHES	COUNCIL	3	4,332	2,524	4,226	11,082
77	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER AT BOYBEN APPROACHES	COUNCIL	3	65,070	37,913	63,471	166,454
TOTAL		77						428,338
78	COOTAMUNDRA	7.6 KM TO 20.6 KM SOUTH OF COOTAMUNDRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	45,346	26,421	44,232	115,999
78	COOTAMUNDRA	9.3 KM TO 11.0 KM SOUTH OF COOTAMUNDRA RECONSTRUCTION	COUNCIL	2	26,361	15,359	25,713	67,433
78	COWRA	3.9 KM TO 5.4 KM SOUTH OF COWRA STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	29,990	17,473	29,253	75,716
78	CULCAIRN	3.4 KM TO 5.9 KM SOUTH OF CULCAIRN WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL	2	-2,451	-1,434	-2,400	-6,295
78	CULCAIRN	66.6 KM TO 68.6 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	577	336	562	1,475
78	CULCAIRN	68.0 KM TO 69.5 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	58,646	34,170	57,205	150,021



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0053

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	TRUNK ROADS (CONT'D)							
78	HUME	13.16 KM TO 14.20 KM NORTH OF ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		47,602	27,735	46,433	121,770
78	JUNEE	OLD JUNEE RD 34.05 KM NORTH OF WAGGA WAGGA INSTALLATION OF "F" TYPE FLASHING LIGHTS	COUNCIL 2		2,757	1,606	2,689	7,052
78	JUNEE	BRIDGE OVER HOULAGANS CREEK 20.1 KM NORTH OF WAGGA WAGGA APPROACHES	COUNCIL 2		6,868	4,002	6,699	17,569
78	JUNEE	19.23 KM TO 20.35 KM NORTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		7,334	4,273	7,153	18,760
78	JUNEE	22.55 KM TO 24.8 KM NORTH OF JUNEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		48,554	28,290	47,361	124,205
78	LOCKHART	44.54 KM TO 46.3 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		6,636	3,867	6,473	16,976
78	LOCKHART	36.3 KM TO 44.3 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		3,563	2,076	3,476	9,115
78	LOCKHART	36.3 KM TO 57.3 KM FROM WAGGA WIDENING & RESURFACING OF SHOULDERS	COUNCIL 2		33,607	19,581	32,782	85,970
78	WAGGA WAGGA	8.46 KM TO 12.65 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		72,443	42,208	70,663	185,314
78	YOUNG	OPENING CREEK 34.89 KM NORTH OF YOUNG THREE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 2		21,421	12,481	20,895	54,797
78	YOUNG	OPENING CREEK 34.89 KM NORTH OF YOUNG FOUR CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 2		26,181	15,254	25,538	66,973
78	YOUNG	BRIDGE OVER OPENING CREEK 34.7 KM NORTH OF YOUNG APPROACHES	COUNCIL 2		8,438	4,916	8,230	21,584
78	YOUNG	1.6 KM TO 2.9 KM SOUTH OF YOUNG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		18,284	10,653	17,834	46,771
78	YOUNG	2.9 KM TO 4.1 KM SOUTH OF YOUNG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		5,236	3,051	5,108	13,395
	TOTAL	78						1,195,600
79	MULWAREE	BRIDGE OVER MULWAREE RIVER 37.93 KM SOUTH OF GOULBURN APPROACHES	COUNCIL 3		28,561	16,641	27,860	73,062

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0054

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
TRUNK ROADS (CONT'D)								
79	MULWAREE	MULWAREE RIVER 38.5 KM SOUTH OF GOULBURN - MACROOMS BRIDGE	DEPT	3	8,193	4,774	7,992	20,959
		17 SPAN PRESTRESSED CONCRETE BRIDGE						
	TOTAL	79						94,021
80	LEETON	18.0 KM TO 20.4 KM EAST OF LEETON	COUNCIL	3	45,170	26,318	44,060	115,548
		RECONSTRUCTION & BITUMINOUS SURFACING						
80	NARRANDERA	5.0 KM TO 6.7 KM WEST OF NARRANDERA	COUNCIL	3	67,065	39,075	65,417	171,557
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	80						287,105
82	NEWCASTLE	DONALD ST HAMILTON	DEPT	7		-201,160		-201,160
		RAILWAY OVERBRIDGE						
	TOTAL	82						-201,160
83	COPMANHURST	BRIDGE OVER UNNAMED CREEK 49.35 TO 49.95 KM NORTH OF GRAFTON	COUNCIL	2	44,891	26,155	43,788	114,634
		APPROACHES						
83	COPMANHURST	UNNAMED CREEK 49.67 KM NORTH OF GRAFTON	COUNCIL	2	32,572	18,978	31,771	83,321
		FOUR SPAN PRESTRESSED CONCRETE BRIDGE						
83	KYOGLE	17.6 KM TO 19.1 KM NORTH OF GRAFTON	COUNCIL	2	63,930	37,249	62,359	163,538
		RECONSTRUCTION AT VARIOUS LOCATIONS						
83	KYOGLE	58.5 KM TO 59.0 KM NORTH OF KYOGLE	COUNCIL	3	26,956	15,706	26,294	68,956
		RESTORATION OF SLIP						
83	KYOGLE	38.7 KM TO 40.7 KM NORTH OF KYOGLE	COUNCIL	2	9,520	5,547	9,287	24,354
		RECONSTRUCTION & BITUMINOUS SURFACING						
83	RICHMOND RIVER	15.85 KM TO 17.67 KM NORTH OF CASINO	COUNCIL	3	7,195	4,192	7,018	18,405
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	83						473,408
84	HARDEN	15.4 KM TO 17.5 KM EAST OF HARDEN	COUNCIL	3	4,760	2,774	4,643	12,177
		RECONSTRUCTION OF PAVEMENT & PROVISION OF CLIMBING LANE						
84	HARDEN	1.5 KM WEST TO 0.4 KM EAST OF HARDEN	COUNCIL	2	42,842	24,962	41,789	109,593
		RECONSTRUCTION & BITUMINOUS SURFACING						



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0055

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S	
TRUNK ROADS (CONT'D)								
54	YASS	25.3 KM TO 26.6 KM WEST OF YASS WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL	3	18,653	10,868	18,195	47,716
84	YASS	27.0 KM TO 29.0 KM WEST OF YASS RECONSTRUCTION	COUNCIL	3	5,165	3,009	5,038	13,212
84	YASS	41.0 KM TO 43.2 KM WEST OF YASS TOWARDS HARDEN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	28,545	16,632	27,844	73,021
TOTAL		84						255,719
85	TUMUT	33.09 KM TO 38.50 KM SOUTH OF SH4 AT GILMORE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	109,933	64,052	107,231	281,216
TOTAL		85						281,216
86	COROWA	3.0 KM TO 5.3 KM SOUTH OF SH20 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	24,272	14,142	23,675	62,089
TOTAL		86						62,089
90	GLOUCESTER	BRIDGE OVER AVON RIVER 13.3 KM TO 13.9 KM SOUTH OF GLOUCESTER APPROACHES	COUNCIL	3	-4,343	-2,530	-4,236	-11,109
90	GLOUCESTER	7.3 KM TO 8.3 KM EAST OF GLOUCESTER RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	5,589	3,257	5,452	14,298
90	GLOUCESTER	8.3 KM TO 9.3 KM EAST OF GLOUCESTER RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	13,936	8,120	13,594	35,650
90	GLOUCESTER	11.2 KM TO 12.0 KM SOUTH OF GLOUCESTER RECONSTRUCTION OF PAVEMENT, SHOULDERS & DRAINAGE	COUNCIL	3	26,464	15,419	25,814	67,697
90	GREAT LAKES	MAMMY JOHNSON'S RIVER 76.1 KM NORTH OF NEWCASTLE FIVE SPAN PRESTRESSED CONCRETE GIRDER	DEPT	3	40,916	23,840	39,911	104,667
90	GREAT LAKES	BRIDGE OVER MAMMY JOHNSON'S RIVER 6.9 KM NORTH OF STROUD APPROACHES	COUNCIL	3	47,602	27,735	46,433	121,770
90	GREAT LAKES	42.7 KM TO 44.0 KM NORTH OF STROUD RECONSTRUCTION OF FAILED SECTIONS	COUNCIL	3	12,123	7,064	11,825	31,012
90	GREATER TAREE	BURRELL CREEK 21.0 KM WEST OF SH10, PURFLEET REINFORCED CONCRETE BRIDGE	COUNCIL	3	14,281	8,321	13,930	36,532

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0056

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM WLT TH	SOURCE OF STATE	FUNDS LOANS	TOTAL
	TRUNK ROADS (CONT'D)							
	TOTAL	90						400,517
91	BEGA VALLEY	17.06 KM TO 24.57 KM WEST OF PAMBULA GRAVELLING & BITUMINOUS SURFACING	COUNCIL	3	64,451	37,552	62,867	164,870
91	BEGA VALLEY	45.9 KM TO 52.5 KM WEST OF SH1, PAMBULA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-664	-387	-648	-1,699
	TOTAL	91						163,171
93	BOMBALA	2.4 KM TO 6.24 KM SOUTH OF BOMBALA DEVIATION	COUNCIL	3	158,992	92,636	155,085	406,713
93	BOMBALA	6.2 KM TO 7.7 KM SOUTH OF BOMBALA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	16,661	9,707	16,251	42,619
93	BOMBALA	SAUCY CREEK 5.5 KM WEST OF BOMBALA EIGHT SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	COUNCIL	2	23,780	13,855	23,196	60,831
93	BOMBALA	RACECOURSE CREEK 4.35 KM WEST OF BOMBALA THREE SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	COUNCIL	2	39,429	22,973	38,460	100,862
	TOTAL	93						611,025
94	MURRAY	14.6 KM TO 15.4 KM WEST OF DENILIQUIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	4,803	2,798	4,685	12,286
94	MURRAY	CULVERT OVER UNNAMED CREEK WEST OF DENILIQUIN APPROACHES	COUNCIL	3	-1,775	-1,034	-1,731	-4,540
94	MURRAY	UNNAMED CREEK 11.3 KM WEST OF DENILIQUIN REINFORCED CONCRETE BOX CULVERT	COUNCIL	2	1,494	870	1,457	3,821
94	WAKOOL	GLEESONS BRIDGE 59.0 KM WEST OF DENILIQUIN APPROACHES	COUNCIL	2	3,934	2,292	3,838	10,064
94	WAKOOL	BRIDGE OVER MERRAN CREEK 133.0 KM WEST OF DENILIQUIN APPROACHES	COUNCIL	3	9,461	5,513	9,229	24,203
94	WAKOOL	W.R.C CANAL 59.05 KM WEST OF DENILIQUIN - GLEESONS BRIDGE SINGLE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	2	-3,084	-1,797	-3,009	-7,890
94	WAKOOL	MERRAN CREEK 13.3 KM WEST OF DENILIQUIN THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	2	37,130	21,634	36,218	94,982



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0057

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
TOTAL	94							132,921
95	WOLLONGONG	THE CUTTINGS 14.35 KM TO 15.85 KM NORTH WEST OF WOLLONGONG	DEPT	7		1,028,952		1,028,952
		RECONSTRUCTION & WIDENING						
95	WOLLONGONG	9.30 KM TO 15.76 KM WEST OF WOLLONGONG	DEPT	6		485,354		485,354
		HEAVY PATCHING OF SELECTED LENGTHS						
95	WOLLONGONG	24.76 KM TO 29.76 KM WEST OF WOLLONGONG	DEPT	7		229,720		229,720
		REHABILITATION OF PAVEMENT						
TOTAL	95							1,744,026
TOTAL		TRUNK ROADS			7,240,083	5,030,837	5,793,859	18,064,779

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0058

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS								
101	DUNGOG APPROACHES	BRIDGE OVER TABBIL CREEK 2.5 KM TO 3.4 KM SOUTH OF DUNGOG	COUNCIL 3		59,716	34,793	58,249	152,758
TOTAL		101						152,758
104	MAITLAND	9.5 KM TO 19.0 KM EAST OF MAITLAND RECONSTRUCTION & BITUMINOUS SURFACING OF FAILED SECTIONS	COUNCIL 7			75,499		75,499
104	MAITLAND	4.7 KM TO 5.7 KM EAST OF MAITLAND RECONSTRUCTION & BITUMINOUS SURFACING OF FAILED SECTIONS	COUNCIL 7			138,631		138,631
TOTAL		104						214,130
105	PARRY	20.9 KM TO 21.9 KM SOUTH EAST OF TAMWORTH WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL 3		43	25	42	110
105	PARRY	19.4 KM TO 20.9 KM SOUTH EAST OF TAMWORTH STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL 3		27,276	15,592	26,606	69,774
105	SCONE	44.27 KM TO 46.10 KM EAST OF SCONE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 4			110,576		110,576
105	SCONE	79.3 KM TO 87.76 KM NORTH OF SCONE STRENGTHENING & WIDENING OF PAVEMENT	DEPT 4			686,475		686,475
TOTAL		105						866,935
106	MUNDLE	UNNAMED CREEK 7.2 KM WEST OF MUNDLE REINFORCED CONCRETE BOX CULVERT	COUNCIL 3		2,486	1,449	2,425	6,360
106	MUNDLE	7.77 KM TO 9.6 KM SOUTH OF MUNDLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		61	35	59	155
106	MUNDLE	28.5 KM TO 30.5 KM SOUTH OF MUNDLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		6,914	4,028	6,744	17,686
106	MUNDLE	26.4 KM TO 28.5 KM WEST OF MUNDLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		5,285	3,080	5,156	13,521
106	MUNDLE	26.4 KM TO 30.5 KM WEST OF MUNDLE GRAVELLING & BITUMINOUS SURFACING	COUNCIL 3		53,919	31,416	52,594	137,929
TOTAL		106						175,651



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0059

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
108	NEWCASTLE	NEWCASTLE STOCKTON FERRY SERVICE DEMOLITION OF FORMER DOCKS & MOORING BERTHS	DEPT	6		30,491		30,491
	TOTAL	108						30,491
111	GREAT LAKES	DARAWANK CREEK 27.05 KM SOUTH OF TAREE 4 SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	98,537	57,412	96,116	252,065
111	GREAT LAKES	MR111 & LAKESIDE RD 42.0 KM FROM BULAHDELAH RECONSTRUCTION OF INTERSECTION	COUNCIL	3	-1,634	-952	-1,594	-4,180
111	GREAT LAKES	WAMWARRA CREEK 28.0 KM SOUTH OF FORSTER 3 CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	71,880	41,880	70,113	183,873
111	GREAT LAKES	VARIOUS SECTIONS SOUTH OF FORSTER RECONSTRUCTION OF FAILED SECTIONS	COUNCIL	3	-246	-143	-240	-629
111	GREAT LAKES	BRIDGE OVER DARAWANK CREEK 5.8 KM TO 7.9 KM NORTH OF FORSTER APPROACHES	COUNCIL	3	75,688	44,099	73,828	193,615
111	GREATER TAREE	0.0 KM TO 7.0 KM SOUTH OF SH10 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	25,370	14,782	24,747	64,899
	TOTAL	111						689,643
112	GREATER TAREE	BRIDGE OVER NORTH COAST RAILWAY LINE, WINGHAM APPROACHES	COUNCIL	3	238	139	232	609
112	HASTINGS	20 KM TO 21.7 KM SOUTH OF SH11 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	46,174	26,903	45,040	118,117
	TOTAL	112						118,726
115	GREATER TAREE	NORTH COAST RAILWAY LINE, WINGHAM SINGLE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	23,801	13,868	23,216	60,885
	TOTAL	115						60,885
119	BELLINGEN	15.6 KM TO 17.6 KM WEST OF DORRIGO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		57		57
	TOTAL	119						57

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0060

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
124	URALLA	11.65 KM TO 13.01 KM WEST OF ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,348	5,447	9,118	23,913
	TOTAL	124						23,913
125	ALBURY	5.6 KM TO 6.9 KM NORTH OF SH2 RECONSTRUCTION & WIDENING OF PAVEMENT	COUNCIL	3	4,969	2,895	4,847	12,711
125	ALBURY	SANDERS ST TO HAGUE ST, ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	14,072	8,199	13,726	35,997
	TOTAL	125						48,708
126	QUIRINDI	RAILWAY LEVEL CROSSING AT HENRY ST, QUIRINDI INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	DEPT	3	22,476	13,096	21,924	57,496
	TOTAL	126						57,496
129	COONABARABRAN	SALTWATER CREEK 114.2 KM TO 114.6 KM WEST OF QUIRINDI CAUSEWAY & APPROACHES	COUNCIL	3	14,490	8,443	14,134	37,067
129	COONAMBLE	30.3 KM TO 31.7 KM EAST OF COONAMBLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	5,734	3,341	5,593	14,668
129	COONAMBLE	32.6 KM TO 35.0 KM EAST OF COONAMBLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	553	331	637	1,671
	TOTAL	129						53,406
130	QUIRINDI	BRIDGE OVER QUIPOLLY CREEK 8.65 KM TO 10.15 KM NTH OF QUIRINDI APPROACHES	COUNCIL	3	8,119	4,730	7,919	20,768
130	QUIRINDI	BOX GULLY, QUIPOLLY CREEK FLOOD PLAIN 9.2 KM NORTH OF QUIRINDI 15 SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	3,998	2,330	3,900	10,228
130	TAMWORTH	2.9 KM TO 3.66 KM SOUTH OF TAMWORTH WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL	3	20,366	11,866	19,865	52,097
130	TAMWORTH	3.6 KM TO 4.2 KM SOUTH OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	18,904	11,014	18,439	48,357
	TOTAL	130						131,450



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0061

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
132	BARRABA	17.93 KM TO 29.79 KM EAST OF BARRABA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		294	171	287	752
TOTAL		132						752
133	BINGARA	35.5 KM TO 36.7 KM WEST OF BINGARA RECONSTRUCTION ON NEW ALIGNMENT TO GRAVEL BASECOURSE	COUNCIL 3		9,044	5,270	8,822	23,136
133	BINGARA	19.3 KM TO 20.7 KM WEST OF BINGARA RECONSTRUCTION & WIDENING OF GRAVEL PAVEMENT	COUNCIL 3		11,425	6,656	11,144	29,225
133	BINGARA	FIVE MILE CREEK 18.92 KM WEST OF BINGARA PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		8,796	5,125	8,580	22,501
133	BINGARA	PALLAL CREEK 19.77 KM WEST OF BINGARA PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		-2,840	-1,655	-2,770	-7,265
TOTAL		133						67,597
134	BINGARA	22.0 KM TO 23.68 KM NORTH OF BINGARA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		36,944	21,525	36,036	94,505
134	INVERELL	27.2 KM TO 27.7 KM NORTH OF BINGARA RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3		9,520	5,547	9,287	24,354
TOTAL		134						118,859
135	GUYRA	55.72 KM TO 58.35 KM WEST OF GUYRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		30,131	17,556	29,390	77,077
135	GUYRA	27.81 KM TO 30.89 KM NORTH OF GUYRA RECONSTRUCTION ON IMPROVED ALIGNMENT	COUNCIL 3		33,702	19,637	32,874	86,213
135	INVERELL	42.8 KM TO 46.8 KM NORTH WEST OF GUYRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		1,122	654	1,094	2,870
TOTAL		135						166,160
136	INVERELL	WEAN CREEK 31.7 KM EAST OF INVERELL RECONSTRUCTION OF DECK	COUNCIL 3		28,561	16,641	27,860	73,062
136	SEVERN	62.55 KM TO 63.35 KM NORTH EAST OF INVERELL RECONSTRUCTION TO GRAVEL PAVEMENT	COUNCIL 3		914	532	891	2,337

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0062

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
136	SEVERN	BLOXSOMES CREEK 25.64 KM EAST OF EMMAVILLE REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	2,192	1,277	2,138	5,607
	TOTAL	136						81,006
137	INVERELL	33.0 KM TO 34.7 KM NORTH OF ASHFORD DEVIATION	COUNCIL	3	18,089	10,539	17,644	46,272
137	INVERELL	BRIDGE OVER UNNAMED CREEK 47.0 KM NORTH OF INVERELL APPROACHES	COUNCIL	3	4,798	2,795	4,680	12,273
137	INVERELL	SPRING CREEK DEVIATION 31.2 KM TO 36.6 KM NORTH OF ASHFORD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	58,265	33,948	56,834	149,047
137	INVERELL	CROOKED CREEK 46.9 KM NORTH OF INVERELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	15,387	8,965	15,009	39,361
137	INVERELL	SPRING CREEK 32.75 KM NORTH OF ASHFORD FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	66,643	38,829	65,006	170,478
	TOTAL	137						417,431
138	INVERELL	DUMARESQ RIVER, TEXAS FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	3	139,061	81,023	135,544	355,728
138	INVERELL	BRIDGE OVER DUMARESQ RIVER, TEXAS SOUTHERN APPROACH	COUNCIL	3	71,404	41,603	69,649	182,656
	TOTAL	138						538,384
142	TWEED	30.6 KM TO 31.9 KM SOUTH OF MURWILLUMBAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-3,289	-1,916	-3,208	-8,413
	TOTAL	142						-8,413
143	TWEED	7.73 KM TO 13.3 KM NORTH OF MURWILLUMBAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		60,914		60,914
	TOTAL	143						60,914
147	LISMORE	BRIDGE OVER RICHMOND RIVER, WOODBURN WESTERN APPROACH	COUNCIL	3	13,556	7,898	13,223	34,677



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0063

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
147	LISHORE	12.36 KM TO 15.36 KM NORTH OF WOODBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		231,703		231,703
147	RICHMOND RIVER	BRIDGE OVER RICHMOND RIVER, WOODBURN EASTERN APPROACH	COUNCIL	3	8,690	5,063	8,476	22,229
147	RICHMOND RIVER	RICHMOND RIVER, WOODBURN EIGHT SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	3	6,983	4,069	6,812	17,864
TOTAL		147						306,473
149	CASINO	BRIDGE OVER Oakey Creek 42.6 KM WEST OF WOODBURN APPROACHES	COUNCIL	3	83,747	48,795	81,689	214,231
149	CASINO	Oakey Creek 4.2 KM EAST OF CASINO PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	63,178	36,810	61,626	161,614
TOTAL		149						375,845
151	COFFS HARBOUR	63.1 KM TO 64.2 KM SOUTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	4,095	2,386	3,994	10,475
151	COFFS HARBOUR	3.3 KM TO 3.7 KM WEST OF COFFS HARBOUR REALIGNMENT OF CURVES	COUNCIL	3	34,079	19,856	33,242	87,177
151	COPMANHURST	28.4 KM TO 30.0 KM NORTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		129,555		129,555
151	ULMARRA	KINGS CREEK 62.9 KM NORTH OF COFFS HARBOUR - MUSSAREDS BRIDGE REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	-11,295	-6,581	-11,017	-28,893
151	ULMARRA	38.5 KM TO 40.5 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & WIDENING OF ALIGNMENT	COUNCIL	3	4,464	2,601	4,354	11,419
151	ULMARRA	36.9 KM TO 37.3 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		93,528		93,528
TOTAL		151						303,261
152	MACLEAN	11.5 KM TO 12.0 KM EAST OF MACLEAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	21,004	12,238	20,488	53,730
152	MACLEAN	12.5 KM TO 14.7 KM EAST OF MACLEAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	15,994	9,319	15,601	40,914

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0064

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
	TOTAL	152						94,644
153	RICHMOND RIVER	0.29 KM TO 0.78 KM EAST OF SH10, WOODBURN RECONSTRUCTION & REALIGNMENT	COUNCIL 3		28,085	16,364	27,395	71,844
	TOTAL	153						71,844
154	CAMDEN	BRIDGE OVER NARELLAN CREEK 0.0 KM TO 3.4 KM NORTH OF NARELLAN RECONSTRUCTION OF ALIGNMENT & APPROACHES	COUNCIL 6		36,424	13,484	27,000	76,908
154	CAMDEN	10.4 KM TO 12.2 KM NORTH WEST OF CAMPBELLTOWN RECONSTRUCTION & IMPROVEMENT OF INTERSECTION	COUNCIL 6		140,083	51,857	103,840	295,780
154	HAWKESBURY	BRABYN ST TO HAM ST, WINDSOR RECONSTRUCTION & BITUMINOUS SURFACING OF GRAVEL SHOULDERS	DEPT 6		311,350	115,257	230,796	657,403
154	LIVERPOOL	LUDDENHAM TO BRINGELLY RECONSTRUCTION & WIDENING	COUNCIL 6		-756	-280	-561	-1,597
154	LIVERPOOL	BRIDGE OVER THOMPSONS CREEK 1.6 KM NORTH OF BRINGELLY APPROACHES	COUNCIL 6		20,393	7,549	15,117	43,059
	TOTAL	154						1,071,553
155	HAWKESBURY	MARCH ST TO LENNOX ST, RICHMOND RECONSTRUCTION	COUNCIL 7		39,223	14,520	29,075	82,818
155	PENRITH	FACTORY RD TO BLAIKIE RD, REGENTVILLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7		5,144	1,904	3,813	10,861
155	PENRITH	BRIDGE OVER SURVEYORS CREEK APPROACHES	COUNCIL 7		2,951	1,092	2,187	6,230
155	PENRITH	MULGOA RD BETWEEN FACTORY RD & GIBBES ST REGENTVILLE RECONSTRUCTION & WIDENING	COUNCIL 7		71,062	26,306	52,676	150,044
	TOTAL	155						249,953
156	BAULKHAM HILLS	HIGHS RD TO GLEN RD, CASTLE HILL RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6		46,932	17,373	34,789	99,094
156	BAULKHAM HILLS	GLEN RD TO HIGHS RD, PENNANT HILLS PUBLIC UTILITY ADJUSTMENT	COUNCIL 6		11,448	4,238	8,485	24,172



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0065

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM <sup>W</sup> WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
156	BAULKHAM HILLS	VICTORIA RD TO HIGHS RD, PENNANT HILLS RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6		175,552	64,987	130,132	370,671
156	BAULKHAM HILLS	CASTLE HILL RD BETWEEN GLENN RD & HIGHS RD, BAULKHAM HILLS PUBLIC UTILITY ADJUSTMENT	COUNCIL 6		48,564	17,973	35,999	102,541
156	HORNSBY	NEW LINE RD TO VICTORIA RD, PENNANT HILLS DIVIDED CARRIAGEWAYS	COUNCIL 6		6,680	2,473	4,952	14,105
	TOTAL	156						610,583
157	BAULKHAM HILLS	SHOWGROUND RD WESTERLY FROM CARRINGTON RD, CASTLE HILL WIDENING OF SOUTHERN SIDE	COUNCIL 6		40,624	15,038	30,114	85,776
157	BAULKHAM HILLS	BRIDGE OVER CATTAI CREEK 0.6 KM TO 1.3 KM NORTH OF MR194 APPROACHES	COUNCIL 6		63,878	23,647	47,351	134,876
157	BAULKHAM HILLS	KINGS RD TO GILBERT RD, CASTLE HILL PUBLIC UTILITY ADJUSTMENT	COUNCIL 6		6,612	2,448	4,901	13,961
	TOTAL	157						234,613
160	BAULKHAM HILLS	WINDSOR RD TO ROGAN'S HILL RECONSTRUCTION OF ISOLATED SECTIONS	COUNCIL 6		316	117	234	667
160	BAULKHAM HILLS	WINDSOR RD TO ROGAN'S HILL RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL 6		17,594	6,513	13,042	37,149
	TOTAL	160						37,816
161	HORNSBY	0 KM TO 2.0 KM WEST OF MR332, GALSTON WIDENING OF PAVEMENT	COUNCIL 7		-2,954	-1,094	-2,190	-6,238
161	HORNSBY	SELECTED LENGTHS THROUGH GALSTON GORGE IMPROVEMENT OF CURVES	COUNCIL 7		14,963	5,539	11,091	31,593
161	HORNSBY	GALSTON RD, GALSTON GORGE WIDENING OF PAVEMENT & IMPROVEMENT TO CURVES	COUNCIL 7		21,767	8,058	16,136	45,961
	TOTAL	161						71,316
162	KU-RING-GAI	HIGHLANDS AVE TO NORTH SHORE RAILWAY LINE, GORDON RECONSTRUCTION & WIDENING	DEPT 6		1,118	414	829	2,361

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0066

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH 1	SOURCE OF STATE \$	OF FUNDS LOANS 1	TOTAL \$
MAIN ROADS (CONT'D)								
162	KU-RING-GAI	FIRST ROCKS RD TO FOREST WAY, NORTH ST IVES RECONSTRUCTION OF FORMATION & CARRIAGEWAY	DEPT	6	-286	-106	-212	-604
162	KU-RING-GAI	RAILWAY LINE AT MONA VALE RD, PYMBLE OVERPASS BRIDGE	DEPT	6	536,246			536,246
162	RYDE	ALLENGROVE CRES TO GOULDING RD, RYDE HEAVY PATCHING & BITUMINOUS SURFACING ON NORTHBOUND LANES	DEPT	6	58	21	43	122
162	WARRINGAH	FOREST WAY TO COOVONG ST, TERRY HILLS DIVIDED CARRIAGEWAYS	DEPT	6	62,951	23,304	46,664	132,919
162	WARRINGAH	EMMA ST TO ALAN ST, MONA VALE WIDENING TO SIX LANE CARRIAGEWAY	DEPT	6	-8	-3	-6	-17
TOTAL 162								671,027
164	MANLY	MANLY RD TO CONDRAMINE ST, MANLY DEVIATION	DEPT	6	-32	-12	-24	-68
164	MANLY	SYDNEY RD TO CONDRAMINE ST, BALGOWLAH DEVIATION	DEPT	6	974,271	323,642	648,076	1,845,989
164	NORTH SYDNEY	MERLIN ST TO WYCOMBE RD, NEUTRAL BAY RECONSTRUCTION & WIDENING TO SIX LANES	DEPT	6	53,226	19,703	39,455	112,384
164	WARRINGAH	OLD BARRENJOEY RD TO EASTBOURNE AVE, AVALON RECONSTRUCTION & WIDENING	DEPT	6	619	229	459	1,307
TOTAL 164								1,959,612
165	LEICHHARDT	THE CRESCENT & VICTORIA RD, ROZELLE LEFT TURN LANE	DEPT	6	33,448	12,382	24,794	70,624
TOTAL 165								70,624
167	CANTERBURY	BONDS RD TO SALT PAN CREEK, RIVERWOOD PROVISION OF TURNING STORAGE BAYS	DEPT	6	111,326	41,211	82,523	235,060
TOTAL 167								235,060
168	HURSTVILLE	COLLARDY AVE TO PRITCHARD PLACE, PEAKHURST RECONSTRUCTION & WIDENING TO SIX LANES	COUNCIL	6	25,110	9,295	18,613	53,018



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0067

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
168	HURSTVILLE	MAVIS AVE TO COLLARDY AVE, PEAKHURST PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	11,253	4,166	8,342	23,761
168	HURSTVILLE	FOREST RD AT OCEAN ST, PENSHURST IMPROVEMENT OF CURVE	COUNCIL	6	13,981	5,176	10,364	29,521
168	HURSTVILLE	SCOTT ST TO WATTLE ST, MORTDALE IMPROVEMENT OF CURVE	COUNCIL	6	27,232	10,081	20,187	57,500
168	ROCKDALE	FARRAR RD TO TOWERS WAY AT ESDAILE PLACE, ARNCLIFFE IMPROVEMENT OF CURVE	COUNCIL	6	-293	-109	-217	-619
168	ROCKDALE	FARRAR ST TO TOWERS PLACE, ARNCLIFFE PUBLIC UTILITY ADJUSTMENTS	COUNCIL	6	293	109	217	619
TOTAL		168						163,800
170	BOTANY	BRIDGE OVER RAILWAY LINE NEAR BEAUCHAMP RD, BANKSMEADOW APPROACHES	DEPT	6	167,741	62,095	124,342	354,178
TOTAL		170						354,178
177	CAMPBELLTOWN	54.2 KM TO 55.0 KM SOUTH OF SYDNEY DEVIATION	DEPT	6	814,669	301,579	603,595	1,720,143
177	CAMPBELLTOWN	MOORE-OXLEY BY-PASS, CAMPBELLTOWN FIVE SPAN PRESTRESSED CONCRETE PEDESTRIAN OVERBRIDGE	DEPT	6	117,345	43,439	86,985	247,769
177	CAMPBELLTOWN	MOORE-OXLEY BY-PASS, CAMPBELLTOWN DEVIATION	COUNCIL	6	-2,980	-1,066	-2,135	-6,081
177	WOLLONDILLY	2.4 KM TO 4.0 KM EAST OF APPIN PASSING LANE	COUNCIL	6	4,768	1,765	3,534	10,067
177	WOLLONDILLY	7.4 KM TO 8.35 KM EAST OF APPIN PASSING LANE	COUNCIL	6	245,555	90,901	182,024	518,480
177	WOLLONDILLY	BRIDGE OVER GEORGES RIVER 1.23 KM TO 1.56 KM EAST OF APPIN WIDENING OF APPROACHES	COUNCIL	6	38,869	14,389	28,613	82,071
177	WOLLONDILLY	6.0 KM EAST OF APPIN RECONSTRUCTION & IMPROVEMENT OF PAVEMENT	COUNCIL	6	33,620	12,446	24,922	70,988
177	WOLLONDILLY	GEORGES RIVER 17.1 KM SOUTH OF CAMPBELLTOWN - KING FALLS BRIDGE 3 SPAN REINFORCED CONCRETE BRIDGE	COUNCIL	6	-518	-192	-384	-1,094

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0068

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
177	WOLLONGONG CLIMBING LANE	LODDON RIVER BRIDGE 30.1 KM TO 36.1 KM SOUTH OF CAMPBELLTOWN	CAMPBELLTOWN DEPT	6	98,955	36,632	73,353	208,940
	TOTAL	177						2,851,283
178	CAMDEN	3.0 KM TO 7.1 KM WEST OF CAMPBELLTOWN REHABILITATION OF PAVEMENT & PROVISION OF SUBSOIL DRAINAGE	DEPT	6	369	137	274	780
178	CAMDEN	60.0 KM TO 7.2 KM NORTH OF CAMPBELLTOWN PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	18,496	6,847	13,711	39,054
178	CAMDEN	6.0 KM TO 7.2 KM NORTH OF CAMPBELLTOWN RECONSTRUCTION TO PROVIDE DIVIDED CARRIAGEWAY	COUNCIL	6	50,430	18,658	37,382	106,480
	TOTAL	178						146,314
179	CAMPBELLTOWN	6.4 KM TO 8.0 KM SOUTH OF CAMPBELLTOWN RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL	7	191,073	70,732	141,638	403,443
179	WOLLONDILLY	18.4 KM TO 21.2 KM SOUTH OF CAMPBELLTOWN RECONSTRUCTION & STRENGTHENING	COUNCIL	7		133,591		133,591
	TOTAL	179						537,034
181	GREATER CESSNOCK	7.7 KM TO 9.3 KM SOUTH OF WOLLONGBI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	32,370	18,860	31,574	82,804
181	GREATER CESSNOCK	9.25 KM TO 10.35 KM SOUTH OF WOLLONGBI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	56,552	32,950	55,162	144,664
181	HAWKESBURY	7.54 KM TO 9.70 KM NORTH OF WEBBS CREEK FERRY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	12,404	7,227	12,099	31,730
181	HAWKESBURY	VARIOUS LOCATIONS FROM 1.6 KM NORTH OF WEBBS CREEK FERRY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		13,277		13,277
181	HAWKESBURY	3.85 KM TO 7.54 KM NORTH OF WEBBS CREEK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		51,838		51,838
	TOTAL	181						324,313
184	BAULKHAM HILLS WIDENING	9.27 KM TO 11.22 KM FROM PARRAMATTA TOWARDS WINDSOR	DEPT	6	806,659	298,613	597,957	1,703,229



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0069

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
184	BAULKHAM HILLS	MR184 & MILE END RD, ROUSE HILL RECONSTRUCTION OF INTERSECTION	COUNCIL	6	257	95	190	542
184	BLUE MOUNTAINS	44.17 KM TO 77.98 KM WEST OF WINDSOR HEAVY PATCHING	DEPT	6	99,898	36,981	74,052	210,931
184	BLUE MOUNTAINS	64.47 KM TO 66.63 KM WEST OF WINDSOR WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	201,260	74,503	149,189	424,952
184	BLUE MOUNTAINS	66.9 KM TO 67.1 KM WEST OF WINDSOR AT BELL WIDENING OF ACCESS RD TO WEIGHBRIDGE	DEPT	6	265,417	98,254	196,747	560,418
184	BLUE MOUNTAINS	MAIN WESTERN RAILWAY LINE AT BELL WIDENING OF BRIDGE	DEPT	6	5,474	2,026	4,058	11,558
184	HAWKESBURY	BOSWORTH ST TO CHAPEL ST, RICHMOND DRAINAGE, KERBING, GUTTERING & SIDESTRIPPING	COUNCIL	6	3,622	1,341	2,685	7,648
184	HAWKESBURY	BRIDGE OVER SOUTH CREEK, WINDSOR DEMOLITION	DEPT	6	14,203	5,258	10,528	29,989
184	HAWKESBURY	BOSWORTH ST TO CHAPEL ST PUBLIC UTILITIES ADJUSTMENTS	COUNCIL	6	22,552	8,385	15,791	47,828
TOTAL 184								2,997,095
185	WOLLONGONG	VICINITY OF STANWELL PARK POST OFFICE, STANWELL PARK IMPROVEMENT OF DRAINAGE & SHOULDERS	COUNCIL	6	15,689	5,808	11,630	33,127
185	WOLLONGONG	RAILWAY OVERBRIDGE, THIRROUL WIDENING OF APPROACHES	DEPT	6	658	244	488	1,390
TOTAL 185								34,517
186	WOLLONGONG	KEMBLA ST TO PUBLIC SCHOOL, MT KIERA RECONSTRUCTION & WIDENING	COUNCIL	7		-5,251		-5,251
TOTAL 186								-5,251
189	TENTERFIELD	1.6 KM TO 3.2 KM NORTH WEST OF LEGUME STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	3	11,901	6,934	11,608	30,443
189	TENTERFIELD	BRIDGE OVER ACACIA CREEK 0.5 KM TO 1.6 KM NORTH OF LEGUME APPROACHES	COUNCIL	3	9,947	5,795	9,702	25,444

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0070

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
TOTAL	189							55,887
190	AUBURN	JOSEPH ST NEAR AMY ST, REGENTS PARK WIDENING OF UNDERPASS TO SUIT TWO LANE CARRIAGEWAY	COUNCIL	6	15,070	5,579	11,171	31,820
190	AUBURN	JOSEPH ST FROM GEORGES AVE TO OLYMPIC DR, LIDCOMBE PUBLIC UTILITIES ADJUSTMENTS	COUNCIL	6	10,086	3,734	7,476	21,296
190	AUBURN	JOSEPH ST BETWEEN GEORGES AVE & THE BOULEVARDE, PUBLIC UTILITY ADJUSTMENT	AUBURN COUNCIL	6	17,659	6,537	13,090	37,286
190	AUBURN	MAIN SOUTHERN RAILWAY LINE AT BRIDGE ST, LIDCOMBE OVERBRIDGE	DEPT	6	134,823	49,910	99,941	284,674
190	AUBURN	LEILA ST, LIDCOMBE TO AMY ST, REGENTS PARK RECONSTRUCTION & WIDENING OF PAVEMENT	COUNCIL	6	-45,863	-16,978	-33,997	-96,838
190	AUBURN	GEORGES AVE TO OLYMPIC DR, LIDCOMBE DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL	6	-40,377	-14,947	-29,931	-85,255
190	AUBURN	JOSEPH ST FROM GEORGES AVE TO OLYMPIC DR, LIDCOMBE RECONSTRUCTION & DRAINAGE	COUNCIL	6	372,863	138,018	276,395	787,276
TOTAL	190							980,259
191	WILLOUGHBY	MILLWOOD AVE & LADY GAME DR, CHATSWOOD WEST IMPROVEMENT OF INTERSECTION	COUNCIL	6	74,971	27,753	55,574	158,298
TOTAL	191							158,298
192	GREATER TAREE	0.8 KM TO 1.1 KM WEST OF SH10, TAREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	41,608	24,242	40,585	106,435
TOTAL	192							106,435
194	BOTANY	GENERAL HOLMES DR, BOTANY RD & JOYCE DR, MASCOT IMPROVEMENT OF INTERSECTION FOR AUTOMATION OF LEVEL CROSSING	DEPT	6	39,099	14,474	28,983	82,556
194	ROCKDALE	GRAND PDE & RAMSGATE RD, RAMSGATE CHANNELISATION OF INTERSECTION	COUNCIL	6	23,168	8,576	17,174	48,918
TOTAL	194							131,474



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0071

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	CDM <sup>W</sup> LT <sup>H</sup> \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
198	KEMPSEY APPROACHES	GLADSTONE BRIDGE 20.75 KM TO 21.90 KM NORTH OF KEMPSEY	COUNCIL	3	4,468	2,603	4,358	11,429
198	KEMPSEY APPROACHES	BRIDGE OVER KINCHELA CREEK 21.95 KM NORTH OF KEMPSEY	COUNCIL	3	66,643	38,829	65,006	170,478
198	KEMPSEY FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	KINCHELA CREEK 6.7 KM NORTH OF GLADSTONE	DEPT	3	57,553	33,533	56,139	147,225
198	KEMPSEY FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	BELMORE RIVER, GLADSTONE	DEPT	1	17,016	9,914	16,598	43,528
TOTAL		195						372,660
199	ROCKDALE RIGHT HAND STORAGE BAYS & MEDIUM CLOSURES	FONTAINEBLEAU ST TO RITCHIE ST, SANS SOUCI	DEPT	6	27,329	10,117	20,258	57,704
199	SUTHERLAND PUBLIC UTILITY ADJUSTMENT	TAREN POINT RD & THE BOULEVARDE, CARINGBAH	COUNCIL	6	48,252	17,862	35,768	101,882
199	SUTHERLAND IMPROVEMENT OF INTERSECTION	TAREN POINT RD & THE BOULEVARDE, CARINGBAH	COUNCIL	6	-43,160	-15,977	-31,993	-91,130
TOTAL		199						68,456
200	CONCORD RESTORATION OF PAVEMENT	HOSPITAL RD TO VICTORIA AVE, CONCORD	COUNCIL	6	60,673	22,460	44,975	128,108
TOTAL		200						128,108
208	MUSWELLBROOK IMPROVEMENT TO ROAD	COX'S GAP	DEPT	3	200,709	116,942	195,778	513,429
TOTAL		208						513,429
209	MUSWELLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	11.43 KM TO 12.55 KM WEST OF MUSWELLBROOK	COUNCIL	3	6,664	3,883	6,501	17,048
209	MUSWELLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	12.1 KM TO 15.1 KM WEST OF MUSWELLBROOK	COUNCIL	2	29,068	16,936	28,354	74,358
209	MUSWELLBROOK RESTORATION OF BANK	BRIDGE OVER HUNTER RIVER, DENMAN	DEPT	2	7,725	4,501	7,535	19,761

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0072

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
TOTAL	209							111,167
211	WAGGA WAGGA	1.73 KM TO 3.65 KM SOUTH OF SH14 RECONSTRUCTION & CHANNELISATION OF INTERSECTION	COUNCIL 3		20,214	11,778	19,717	51,709
TOTAL	211							51,709
213	MUSWELLBROOK	SADDLERS CREEK 39.3 KM WEST OF MR503 FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		46,122	26,873	44,989	117,984
213	SINGLETON	21.0 KM TO 22.0 KM NORTH OF MR503 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		77,022	44,876	75,129	197,027
TOTAL	213							315,011
214	MERRIWA	1.1 KM TO 4.4 KM SOUTH OF TR52 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-297	-173	-290	-760
214	MERRIWA	19.77 KM TO 31.77 KM FROM CASSILIS REALIGNMENT & PARTIAL RECONSTRUCTION	COUNCIL 3		62,431	36,375	60,897	159,703
214	MUDGEES	30.1 KM TO 31.5 KM NORTH OF MUDGEES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		18,070	10,528	17,626	46,224
214	MUDGEES	33.0 KM TO 36.27 KM NORTH OF MUDGEES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		13,831	8,059	13,491	35,381
TOTAL	214							240,548
215	RYLSTONE	GROVEE GULPH 20.0 KM TO 26.0 KM NORTH OF RYLSTONE WIDENING & MINOR REALIGNMENT OF PAVEMENT	COUNCIL 3		12,891	7,511	12,574	32,976
215	RYLSTONE	GROVEE GULPH 20.0 KM TO 26.0 KM NORTH OF RYLSTONE MINOR REALIGNMENT	COUNCIL 3		56,620	32,989	55,229	144,838
TOTAL	215							177,814
217	LAKE MACQUARIE	MAIN NORTHERN RAILWAY LINE 1.6 KM EAST OF MORISSET TWO SPAN REINFORCED STEEL PLANK GIRDER	DEPT 6			3,309		3,309
217	LAKE MACQUARIE	MAIN NORTHERN RAILWAY LINE 1.6 KM EAST OF MORISSET REINFORCED CONCRETE BRIDGE	DEPT 6			20,419		20,419



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0073

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
217	LAKE MACQUARIE	FIRST ST TO RIN ST, BOORAGUL RECONSTRUCTION OF JUNCTION	COUNCIL 6			165,154		165,154
217	LAKE MACQUARIE	12.75 KM TO 17.37 KM NORTH OF WYONG HEAVY PATCHING & BITUMINOUS SURFACING	COUNCIL 7			176,951		176,951
217	LAKE MACQUARIE	RAILWAY OVERBRIDGE AT MORRISSET APPROACHES	COUNCIL 6			285,513		285,513
217	WYONG	BUTTONDERRY CREEK 9.7 KM NORTH OF WYONG REPLACEMENT OF OLD BRIDGE & ASSOCIATED ROADWORKS	COUNCIL 7			59,366		59,366
	TOTAL	217						710,712
220	GREATER CESSNOCK	CARRINGTON BRIDGE OVER WALLIS CREEK APPROACHES	COUNCIL 7			226,497		226,497
220	GREATER CESSNOCK	WALLIS CREEK 16.55 KM SOUTH OF CESSNOCK - CARRINGTON BRIDGE 3 SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 7			176,951		176,951
220	GREATER CESSNOCK	20.0 KM TO 22.1 KM SOUTH OF CESSNOCK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7			2,309		2,309
220	GREATER CESSNOCK	0.0 KM TO 1.0 KM SOUTH OF BRANXTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7			31,544		31,544
220	GREATER CESSNOCK	15.3 KM TO 18.3 KM EAST OF CESSNOCK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7			60,886		60,886
220	SINGLETON	2.70 KM TO 3.30 KM FROM BRANXTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		30,466	17,751	29,717	77,934
	TOTAL	220						576,121
223	LAKE MACQUARIE	MR217 & MR223, GLENDALE IMPROVEMENT OF INTERSECTION	COUNCIL 6			589,837		589,837
	TOTAL	223						589,837
225	GOSFORD	38.4 KM TO 43.3 KM NORTH OF WISEMANS FERRY AT GREENS PINCH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7			3,881		3,881
	TOTAL	225						3,881

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0074

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
226	BERRIGAN APPROACHES	BRIDGE OVER BULLANGINYA LAGOON 33.0 KM SOUTH OF BERRIGAN	COUNCIL	3	28,156	16,405	27,464	72,025
226	BERRIGAN PRESTRESSED CONCRETE BRIDGE	BULLANGINYA LAGOON, BAROOGA	DEPT	3	9,943	5,793	9,698	25,434
226	BERRIGAN DEMOLITION OF OLD BRIDGE	BULLANGINYA LAGOON, BAROOGA	DEPT	3	5,730	3,339	5,589	14,658
	TOTAL	226						112,117
227	SUTHERLAND RECONSTRUCTION & WIDENING TO SIX LANES	SYLVANIA RD TO SH1, GYMEA	COUNCIL	6	270,080	99,980	200,204	570,264
227	SUTHERLAND PUBLIC UTILITY ADJUSTMENT	WANDELLA RD TO SYLVANIA RD, MIRANDA	COUNCIL	6	8,330	3,084	6,175	17,589
	TOTAL	227						587,853
232	MOREE PLAINS RECONSTRUCTION & BITUMINOUS SURFACING	1.80 KM TO 2.75 KM NORTH OF MOREE	COUNCIL	2	22,822	13,297	22,261	58,380
	TOTAL	232						58,380
233	MUDGEES RECONSTRUCTION & BITUMINOUS SURFACING	35.4 KM TO 40.1 KM WEST OF GULGONG	COUNCIL	3	21,896	12,758	21,358	56,012
233	MUDGEES RECONSTRUCTION OF SELECTED FAILED AREAS	35.4 KM TO 40.1 KM WEST OF GULGONG	COUNCIL	3	2,564	1,494	2,501	6,559
233	WELLINGTON FOUR SPAN PRESTRESSED CONCRETE BRIDGE	BELL RIVER IN MAUGHAN ST, WELLINGTON	COUNCIL	3	83,304	48,537	81,257	213,098
233	WELLINGTON RECONSTRUCTION & BITUMINOUS SURFACING	18.9 KM TO 22.1 KM SOUTH WEST OF WELLINGTON	COUNCIL	3	28,671	16,705	27,966	73,342
233	WELLINGTON RECONSTRUCTION & BITUMINOUS SURFACING	21.4 KM TO 23.6 KM FROM WELLINGTON	COUNCIL	3	30,942	18,028	30,181	79,151
	TOTAL	233						428,162
237	CABONNE RECONSTRUCTION & BITUMINOUS SURFACING	38.65 KM TO 40.65 KM WEST OF ORANGE	COUNCIL	3	23,071	13,442	22,504	59,017



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0075

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
237	WEDDIN	27.0 KM TO 29.0 KM NORTH OF GRENFELL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		24,420	14,228	23,820	62,468
237	WEDDIN	24.7 KM NORTH OF GRENFELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 3		1,536	895	1,498	3,929
	TOTAL	237						125,414
238	PARKES	27.14 KM TO 33.1 KM NORTH EAST OF EUGOWRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		40,277	23,457	39,288	103,032
238	PARKES APPROACHES	LEVEL CROSSING AT MUGINCABLE 7.6 KM SOUTH EAST OF PARKES	COUNCIL 3		21,897	12,758	21,359	56,014
	TOTAL	238						159,046
240	COOLAMON	RAILWAY LEVEL CROSSING IN COWABIE ST, COOLAMON INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	COUNCIL 3		2,575	1,500	2,512	6,587
	TOTAL	240						6,587
241	BOOROWA	FISHERS CREEK 9.0 KM TO 10.0 KM WEST OF BOOROWA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		35,702	20,801	34,825	91,328
241	BOOROWA	FISHERS CREEK 9.91KM WEST OF BOOROWA 4 SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		44,556	25,960	43,461	113,977
241	YOUNG	16.45 KM TO 18.0 KM EAST OF YOUNG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		1,365	795	1,331	3,491
241	YOUNG	18.0 KM TO 19.93 KM EAST OF YOUNG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		37,800	22,024	36,871	96,695
	TOTAL	241						305,491
243	COOLAMON	27.0 KM TO 30.0 KM WEST OF MR240 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		4,371	2,547	4,264	11,182
243	GUNDAGAI	25.0 KM TO 27.0 KM WEST OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-4,864	-2,834	-4,744	-12,442
243	GUNDAGAI	SHERIDAN ST TO HANLEY ST, GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		19,572	11,403	19,091	50,066

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0076

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
243	GUNDAGAI	27.0 KM TO 28.6 KM WEST OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	38,082	22,188	37,146	97,416
	TOTAL	243						146,222
245	BLAYNEY	RAILWAY OVERBRIDGE 11.1 KM NORTH OF BLAYNEY APPROACHES	COUNCIL	3	52,363	30,509	51,076	133,948
245	BLAYNEY	MILLTHORPE RAILWAY LINE 11.1 KM NORTH OF BLAYNEY SINGLE SPAN REINFORCED CONCRETE BRIDGE	COUNCIL	3	100,917	58,799	98,437	258,153
245	BLAYNEY	4.16 KM TO 5.1 KM WEST OF BLAYNEY STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	3	6,543	3,813	6,383	16,739
	TOTAL	245						408,840
246	BOOROWA	FIVE MILE CREEK 33.2 KM TO 36.2 KM EAST OF BOOROWA APPROACHES	COUNCIL	3	23	14	23	60
246	BOOROWA	FIVE MILE CREEK 36.2 KM EAST OF BOOROWA REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	1,325	772	1,293	3,390
	TOTAL	246						3,450
252	BATHURST	VALE CREEK AT PERTHVILLE PEDESTRIAN FOOTWAY	COUNCIL	4		3,055		3,055
	TOTAL	252						3,055
253	BATHURST	RAILWAY OVERBRIDGE AT KELSO 3.3 KM EAST OF BATHURST APPROACHES	COUNCIL	3	31,371	18,278	30,600	80,249
253	BATHURST	RAILWAY LEVEL CROSSING AT KELSO BRIDGE & APPROACHES	DEPT	3	690	402	673	1,765
253	EVANS	BRIDGE OVER FISH RIVER AT O'CONNELL APPROACHES	COUNCIL	3	14,757	8,598	14,394	37,749
253	BERON	FISH RIVER 14.8 KM SOUTH OF KELSO FOUR SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	3	76,985	44,855	75,093	196,933
253	BERON	11.45 KM TO 13.50 KM WEST OF BERON RECONSTRUCTION OF DISTRESSED PAVEMENT	COUNCIL	3	929	541	906	2,376



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0077

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
253	OBERON	13.7 KM TO 15.7 KM WEST OF OBERON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	45,772	26,669	44,647	117,088
253	OBERON	15.7 KM TO 17.7 KM WEST OF OBERON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,946	5,795	9,702	25,443
253	OBERON	BRIDGE OVER SWAMP CREEK, O'CONNELL APPROACHES	COUNCIL	3	476	277	464	1,217
	TOTAL	253						462,820
256	GOULBURN	WOLLONDILLY RIVER 3.1 KM NORTH OF GOULBURN - KENMORE BRIDGE FOUR SPAN PRESTRESSED GIRDER & REINFORCED CONCRETE BRIDGE	DEPT	3	78,502	45,739	76,573	200,814
256	GOULBURN	KENMORE BRIDGE OVER WOLLONDILLY RIVER, GOULBURN APPROACHES	COUNCIL	3	81,400	47,427	79,400	208,227
256	GOULBURN	LAGOON ST TO WILMOT ST, GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	26,060	15,183	25,419	66,662
256	MULWAREE	49.4 KM TO 51.6 KM NORTH OF GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	24,925	14,523	24,313	63,761
256	MULWAREE	46.0 KM TO 49.5 KM NORTH OF GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-5	-3	-5	-13
	TOTAL	256						539,451
259	WOLLONDILLY	VARIOUS LOCATIONS HEAVY PATCHING OF SELECTED LENGTHS	DEPT	7		390,035		390,035
259	WOLLONDILLY	CAMDEN MUNICIPAL BOUNDARY TO BURRAGORANG VALLEY HEAVY PATCHING OF SELECTED LENGTHS	DEPT	3	228,075	132,887	222,471	583,433
259	WOLLONDILLY	MR259 & STEVEY'S FOREST RD, OAKDALE RECONSTRUCTION OF INTERSECTION	DEPT	3	695	405	678	1,778
259	WOLLONDILLY	WERRI BERRI CREEK 15.0 KM WEST OF CAMDEN SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	147,035	85,669	143,422	376,126
259	WOLLONDILLY	THE OAKS 11.9 KM TO 18.0 KM WEST OF CAMDEN DEVIATION INCLUDING APPROACHES TO WERRI BERRI CREEK BRIDGE	DEPT	7	839,050			839,050
	TOTAL	259						2,190,422

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.007B

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
260	WINGECARRIBEE	BRIDGE OVER RAILWAY LINE 1.72 KM NORTH OF MOSS VALE						
		PROVISION OF PEDESTRIAN FOOTWAY	COUNCIL	3	4,040	2,354	3,941	10,335
260	WINGECARRIBEE	1.4 KM TO 2.0 KM SOUTH OF MITTAGONG						
		RECONSTRUCTION	COUNCIL	3	76,264	44,435	74,390	195,089
	TOTAL	260						205,424
261	WINGECARRIBEE	10.63 KM TO 11.20 KM EAST OF SH25						
		RECONSTRUCTION & REALIGNMENT	COUNCIL	3	35,226	20,524	34,360	90,110
	TOTAL	261						90,110
263	WINGECARRIBEE	41.0 KM TO 42.0 KM FROM BOWRAL						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	5		17,477		17,477
263	WINGECARRIBEE	REINFORCED CONCRETE BOX CULVERT AT ELLIOTTS CREEK						
		APPROACHES	COUNCIL	5		31,960		31,960
	TOTAL	263						49,437
264	KIAMA	JERRARA CREEK 5.75 KM WEST OF KIAMA						
		THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	7		-1,341		-1,341
264	KIAMA	BRIDGE OVER JERRARA CREEK 5.76 KM NORTH WEST OF SH1						
		APPROACHES	COUNCIL	7		45,842		45,842
264	KIAMA	8.5 KM TO 10.0 KM EAST OF WINGECARRIBEE						
		RECONSTRUCTION & SEALING	COUNCIL	7		69,824		69,824
	TOTAL	264						114,325
268	MULWAREE	15.0 KM TO 18.0 KM SOUTH OF TARAGO						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	4,255	2,479	4,150	10,884
268	MULWAREE	15.0 KM TO 16.0 KM SOUTH OF TARAGO						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	7,140	4,160	6,965	18,265
268	MULWAREE	5.2 KM TO 7.2 KM SOUTH OF TARAGO						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	18,089	10,539	17,644	46,272
268	MULWAREE	LEVEL CROSSING AT TARAGO						
		WIDENING	DEPT	3	1,486	866	1,450	3,802



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0079

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
268	MULWAREE	1.5 KM TO 5.1 KM SOUTH OF TARAGO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-2,047	-1,193	-1,996	-5,236
TOTAL	268							73,987
270	TALLAGANDA	13.0 KM TO 14.17 KM SOUTH OF BRAIDWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	26,657	15,532	26,002	68,191
TOTAL	270							68,191
271	TALLASANDA	UNNAMED CREEK 25.7 KM SOUTH OF BRAIDWOOD FOUR CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	28,561	16,641	27,860	73,062
271	TALLAGANDA	25.0 KM TO 26.6 KM SOUTH OF BRAIDWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4	3,808	2,219	3,715	9,742
TOTAL	271							82,804
272	BEGA VALLEY	ANABRANCH BRIDGE 1.1 KM EAST OF BEGA APPROACHES	COUNCIL	3	5,236	3,051	5,108	13,395
272	BEGA VALLEY	BRIDGE OVER BARRAGOOT LAKE 2.0 KM SOUTH OF BERMAGUI APPROACHES	COUNCIL	3	734	427	716	1,877
272	BEGA VALLEY	BRIDGE OVER BERMAGUI RIVER, BERMAGUI APPROACHES	COUNCIL	3	3,963	2,309	3,866	10,138
272	BEGA VALLEY	BRIDGE OVER BOOTHS CREEK 19.5 KM TO 21.4 KM NORTH OF BEGA GRAVELLING & SEALING OF APPROACHES	COUNCIL	3	13,737	8,004	13,400	35,141
272	BEGA VALLEY	BEGA RIVER AT ANABRANCH 1.07 KM EAST BEGA FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL	3	81,327	47,385	79,328	208,040
272	BEGA VALLEY	BARRAGOOT LAKE 4.35 KM SOUTH OF BERMAGUI FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL	3	3,259	1,899	3,179	8,337
272	BEGA VALLEY	BERMAGUI RIVER, BERMAGUI SEVEN SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	9,065	5,282	8,842	23,189
TOTAL	272							300,117
278	YASS	47.5 KM TO 51.6 KM SOUTH OF YASS WIDENING OF FORMATION & BITUMINOUS SURFACING	COUNCIL	3	1,959	1,141	1,911	5,011

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0080

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)						
	TOTAL	278					5,011
279	GUNDAGAI NEW ROUTE	MURRUMBIDGEE RIVER FLOOD PLAIN, GUNDAGAI	COUNCIL 3	36,547	21,294	35,649	93,490
279	GUNDAGAI APPROACHES	BRIDGE OVER MORLEYS CREEK AT MURRUMBIDGEE FLOOD PLAIN	COUNCIL 3	38,082	22,188	37,146	97,416
	TOTAL	279					190,906
282	HUME RECONSTRUCTION & REALIGNMENT	17.4 KM TO 17.9 KM EAST OF SH2	COUNCIL 4		70,967		70,967
	TOTAL	282					70,967
284	HOLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	5.3 KM TO 7.9 KM EAST OF HOLBROOK	COUNCIL 3	-2,326	-1,355	-2,269	-5,950
284	HOLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	10.0 KM TO 15.1 KM EAST OF SH2	COUNCIL 3	11,254	6,557	10,978	28,789
284	HOLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	32.75 KM TO 36.13 KM EAST OF SH2	COUNCIL 3	40,637	23,677	39,639	103,953
284	HOLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	31.0 KM TO 32.74 KM EAST OF SH2	COUNCIL 3	137,571	80,155	134,191	351,917
284	HOLBROOK WIDENING OF FORMATION & BITUMINOUS SURFACING OF SHOULDER	14.3 KM TO 28.2 KM EAST OF SH2	COUNCIL 3	63,311	36,888	61,756	161,955
284	TUMBARUMBA RECONSTRUCTION & REALIGNMENT OF PAVEMENT	18.2 KM TO 21.22 KM WEST OF TR85	COUNCIL 3	11,982	6,981	11,687	30,650
284	TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	17.0 KM TO 18.0 KM WEST OF TR85	COUNCIL 3	19,876	10,998	18,412	43,286
284	TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	2.5 KM TO 3.6 KM WEST OF TR85	COUNCIL 3	4,672	2,722	4,557	11,951
284	TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	16.04 KM TO 17.24 KM WEST OF TR85	COUNCIL 3	1,487	866	1,450	3,803
284	TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	3.6 KM TO 4.55 KM WEST OF TR85	COUNCIL 3	2,513	1,464	2,452	6,429



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0081

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
284	TUMBARUMBA	14.78 KM TO 16.04 KM WEST OF TR85 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	8,440	4,917	8,232	21,589
284	TUMBARUMBA	6.79 KM TO 9.2 KM WEST OF TR85 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-8,441	-4,918	-8,233	-21,592
284	TUMBARUMBA	9.2 KM TO 11.1 KM WEST OF TR85 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	52,363	30,509	51,076	133,948
284	TUMBARUMBA	10.2 KM TO 12.5 KM WEST OF TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	147,567	85,979	143,941	377,487
284	TUMBARUMBA	12.5 KM TO 14.8 KM WEST OF TR85 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	24,753	14,422	24,145	63,320
	TOTAL	284						1,316,535
286	SNOWY RIVER	54.17 KM TO 58.87 KM WEST OF COOMA CLIMBING LANES	COUNCIL	3	78,732	45,873	76,797	201,402
286	SNOWY RIVER	VARIOUS LOCATIONS 1.5 KM TO 13.4 KM WEST OF JINDABYNE BITUMINOUS SURFACING	DEPT	5		68,762		68,762
	TOTAL	286						270,164
289	GREAT LAKES	WASHPOOL BRIDGE OVER KARUAH RIVER APPROACHES	COUNCIL	3	78,044	45,472	76,126	199,642
289	GREAT LAKES	KARUAH RIVER 21.92 KM NORTH OF DUNGOG PRESTRESSED CONCRETE BRIDGE	DEPT	3	23,597	13,748	23,017	60,362
	TOTAL	289						260,004
295	WOLLONGONG	RAILWAY OVERBRIDGE AT FLINDERS ST, PORT KEMBLA APPROACHES	COUNCIL	7		13,017		13,017
295	WOLLONGONG	BRIDGES OVER RAILWAY LINE & ALLEN'S CREEK 0.8 KM EAST OF SH1 DIVIDED CARRIAGEWAYS	COUNCIL	6		-1,087		-1,087
295	WOLLONGONG	SOUTH COAST & A.I.S. RAILWAY LINES AT UNANDERRA PRESTRESSED CONCRETE BRIDGE	COUNCIL	7		21,006		21,006
	TOTAL	295						32,936

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0082

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
298	GRAFTON	ALUMY CREEK AT POUND ST, GRAFTON REMOVAL OF STRUCTURE & REGRADING OF APPROACHES	COUNCIL	4		16,342		16,342
	TOTAL	298						16,342
301	DUNGOG	32.8 KM TO 33.8 KM SOUTH OF BOLWARRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	7,820	4,556	7,628	20,004
301	PORT STEPHENS	HEYDENS CREEK 14.32 KM NORTH OF MAITLAND REPLACEMENT OF TIMBER CULVERT	COUNCIL	7		94,374		94,374
	TOTAL	301						114,378
309	PARRAMATTA	BRIDGE OVER A'BECKETTS CREEK AT GRANVILLE DEMOLITION	DEPT	6	5,917	2,190	4,386	12,493
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A'BECKETTS CREEK PILE FOUNDATIONS	DEPT	6	192,536	71,274	142,723	406,533
309	PARRAMATTA	A'BECKETTS CREEK AT BERRY ST, ROSEHILL TWO SPAN PRESTRESSED CONCRETE TROUGH GIRDER BRIDGE	DEPT	6	431	160	320	911
309	PARRAMATTA	DUCK CREEK AT BERRY ST, ROSEHILL TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	6	8,609	3,187	6,382	18,178
309	PARRAMATTA	KAY ST, HAMILTON ST, WENTWORTH ST & UNWIN ST, GRANVILLE RECONSTRUCTION OF LOCAL COUNCIL ROADS	DEPT	6		1,915,528		1,915,528
309	PARRAMATTA	UNWIN ST, GRANVILLE TEMPORARY APPROACHES TO A'BECKETTS CREEK	DEPT	6	18,026	6,673	13,362	38,061
309	PARRAMATTA	ASTON ST RAILWAY LEVEL CROSSING, ROSEHILL WIDENING TO FOUR LANE CARRIAGEWAY	DEPT	6	-2,101	-778	-1,557	-4,436
309	PARRAMATTA	A'BECKETTS CREEK AT UNWIN ST, ROSEHILL 14 METRE SUPPORTED SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	6	2,976	1,102	2,205	6,284
309	PARRAMATTA	DUCK CREEK AT KAY ST & HAMILTON ST, ROSEHILL TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	6	8,761	3,243	6,494	18,498
309	PARRAMATTA	BRIDGE OVER RAILWAY LINE & A'BECKETTS CREEK, ROSEHILL ABUTMENT B	DEPT	6	12,024	4,451	8,913	25,388
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A'BECKETTS CREEK PIERS 6,7 & 8	DEPT	6	102,863	38,079	76,250	217,192



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0083

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A <sup>1</sup> BECKETTS CREEK PIERS 4 & 5	DEPT	6	107,625	39,841	79,780	227,246
309	PARRAMATTA	JAMES RUSE DR, ROSEHILL TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	6	111,481	41,269	82,638	235,388
309	PARRAMATTA	BRIDGE OVER RAILWAY LINE & A <sup>1</sup> BECKETTS CREEK, ROSEHILL MANUFACTURE OF STEEL TROUGH GIRDERS	DEPT	6	246,960	91,421	183,065	521,446
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A <sup>1</sup> BECKETTS CREEK MANUFACTURE OF BEARINGS	DEPT	6	19,201	7,108	14,233	40,542
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A <sup>1</sup> BECKETTS CREEK PIERS 1,1A,2,3 & ABUTMENT A	DEPT	6	142,666	52,813	105,755	301,234
309	PARRAMATTA	BRIDGE OVER CARLINGFORD RAILWAY LINE & A <sup>1</sup> BECKETTS CREEK SUPPLY & DELIVERY OF GIRDERS	DEPT	6	73,382	27,165	54,396	154,943
309	PARRAMATTA	BRIDGE OVER RAILWAY LINE AT A <sup>1</sup> BECKETTS CREEK, CARLINGFORD MANUFACTURE OF DECK SLABS	DEPT	6	14,799	5,479	10,970	31,248
	TOTAL	309						4,166,677
310	CABONNE	BRIDGE OVER BELUBA RIVER FLOOD CHANNEL 0.75 KM FROM CANOWINDRA WIDENING	COUNCIL 2		1,017	593	992	2,602
310	COWRA	MACASSAR ST TO MULYAN ST, COWRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		-30	-17	-29	-76
310	COWRA	MACASSARI ST TO MULYAN ST, COWRA RECONSTRUCTION	COUNCIL 2		10,646	6,203	10,385	27,234
	TOTAL	310						29,760
312	SHOALHAVEN	16.0 KM TO 20.0 KM SOUTH OF NOWRA RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL 3		110,698	64,498	107,978	283,174
312	SHOALHAVEN	UNNAMED CREEK 6.0 KM WEST OF HUSKISSON PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		42,842	24,952	41,789	109,593
	TOTAL	312						392,767
315	CANTERBURY	PUNCHBOWL RD TO ROBERTS RD, GREENACRE DIVIDED SIX LANE CARRIAGEWAY	DEPT	6	386,376	143,031	286,411	815,818

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0084

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM- WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
315	CANTERBURY	HILTON AVE TO BROADARROW RD, BEVERLY HILLS DIVIDED SIX LANE CARRIAGEWAYS	DEPT	6	1,103,931	408,659	818,317	2,330,907
315	CANTERBURY	KING GEORGES RD & CANTERBURY RD, WILEY PARK CHANNELISATION OF INTERSECTION	DEPT	6	220,543	81,642	163,483	465,668
315	CANTERBURY	THE BOULEVARDE TO EDGE ST, WILEY PARK RECONSTRUCTION & WIDENING TO SIX LANES	DEPT	6	-160,263	-59,327	-118,799	-338,389
315	STRATHFIELD	ALBERT RD TO CHURCHILL AVE, STRATHFIELD RECONSTRUCTION & WIDENING OF NORTHBOUND CARRIAGEWAY	COUNCIL	6	-1,534	-605	-1,211	-3,450
TOTAL		315						3,270,554
316	NEWCASTLE	HANNELL ST 3.0 KM TO 5.0 KM EAST OF MAYFIELD RECONSTRUCTION	COUNCIL	6		-6,605		-6,605
316	NEWCASTLE	COWPER ST TO ELIZABETH ST 3.0 KM SOUTH OF MAYFIELD RECONSTRUCTION OF PAVEMENT	COUNCIL	6		458,461		458,461
TOTAL		316						451,856
319	WAKOOL	COW CREEK 8.7 KM NORTH OF BARHAM PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	-10,256	-5,975	-10,004	-26,235
319	WAKOOL	BRIDGE OVER COW CREEK 8.7 KM NORTH OF BARHAM APPROACHES	COUNCIL	3	362	211	353	926
319	WINDOURAN	25.3 KM TO 28.3 KM NORTH OF MOULAMEIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,149	5,330	8,924	23,403
319	WINDOURAN	30.0 KM TO 35.0 KM NORTH OF MOULAMEIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	33,693	19,631	32,865	86,189
TOTAL		319						84,283
320	BEGA VALLEY	11.0 KM TO 13.0 KM EAST OF COBARGO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	60,820	35,436	59,325	155,581
320	BEGA VALLEY	8.5 KM TO 10.0 KM EAST OF COBARGO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	13,635	7,944	13,300	34,879
TOTAL		320						190,460



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0085

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM WLT H \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
321	GRIFFITH	8.94 KM TO 11.29 KM SOUTH OF GRIFFITH RECONSTRUCTION & REALIGNMENT	COUNCIL	3	61,407	35,779	59,898	157,084
321	GRIFFITH	MIRROOL CREEK 9.65 KM SOUTH OF GRIFFITH PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	19,517	11,371	19,037	49,925
321	JERILDERIE	16.9 KM TO 18.5 KM NORTH OF SH17 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	15,394	8,969	15,016	39,379
321	JERILDERIE	22.2 KM TO 40.6 KM NORTH OF SH17 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-11,375	-6,627	-11,095	-29,097
321	JERILDERIE	29.8 KM TO 35.2 KM NORTH OF SH17 DEVIATION - STAGE 1 - SECTION 2	COUNCIL	3	85,684	49,924	83,579	219,187
321	JERILDERIE	22.2 KM NORTH OF SH17 DEVIATION - STAGE 2 - SECTION 1	COUNCIL	3	13,805	8,043	13,465	35,313
321	MURRUMBIDGEE	BRIDGE OVER MURRUMBIDGEE RIVER, DARLINGTON POINT DEMOLITION	DEPT	3	30,841	17,969	30,083	78,893
321	MURRUMBIDGEE	91.0 KM TO 93.2 KM NORTH OF SH17 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	48,190	28,077	47,006	123,273
	TOTAL	321						673,957
325	LAKE MACQUARIE	RYAN ST TO FAIRFAX ST, SPEERS POINT RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		1,806		1,806
325	LAKE MACQUARIE	1.49 KM TO 2.69 KM WEST OF WARNERS BAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	6		41,590		41,590
	TOTAL	325						43,396
327	RANDWICK	ANZAC PDE TO DONCASTER AVE, KENSINGTON CORRECTION OF CROSSFALL & RECONSTRUCTION OF PAVEMENT	DEPT	6	54,362	20,124	40,297	114,783
	TOTAL	327						114,783
328	KU-RING-GAI	FERNCOURT AVE TO HILL ST, ROSEVILLE SIX LANE CARRIAGEWAY	DEPT	6	-877	-325	-650	-1,852
	TOTAL	328						-1,852

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0086

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)						
331	BERRIGAN	80.8 KM TO 84.4 KM WEST OF WALBUNDRIE RECONSTRUCTION OF CURVE ON IMPROVED ALIGNMENT	COUNCIL 3	61,772	35,991	60,254	158,017
	TOTAL 331						158,017
333	WARREN	BRIDGE OVER MARRA CREEK 43.5 KM NORTH OF WARREN APPROACHES	COUNCIL 3	18,387	10,713	17,935	47,035
333	WARREN	19.4 KM TO 21.9 KM NORTH OF WARREN WIDENING OF PAVEMENT & ASSOCIATED WORKS	COUNCIL 3	17,081	9,952	16,662	43,695
333	WARREN	17.6 KM TO 166.0 KM NORTH OF WARREN LOAM RESHEETING OF SHOULDERS & EDGE REPAIRS	COUNCIL 3	61,883	36,056	60,363	158,302
	TOTAL 333						249,032
335	WYONG	F3 TO SH10, TUGGERAH DIVIDED CARRIAGEWAYS	COUNCIL 7		578,040		578,040
335	WYONG	OURIMBAH CREEK 2.4 KM EAST OF TUGGERAH THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 7		26,810		26,810
335	WYONG	24.5 KM TO 25.2 KM NORTH OF THE ENTRANCE RECONSTRUCTION	COUNCIL 7		177,950		177,950
	TOTAL 335						782,800
336	GOSFORD	VICTORIA ST TO RUSSELL ST, GOSFORD RECONSTRUCTION & WIDENING	COUNCIL 7		33,279		33,279
336	GOSFORD	PUNT BRIDGE OVER ERINA CREEK, GOSFORD WIDENING	COUNCIL 3	71,404	41,603	69,649	182,656
336	GOSFORD	PUNT BRIDGE 2.6 KM EAST SH10 APPROACHES	COUNCIL 7		117,967		117,967
336	GOSFORD	2.8 KM TO 4.2 KM EAST OF SH10 WIDENING TO FOUR LANES	COUNCIL 7		210,633		210,633
336	GOSFORD	AVOCA DR & THE ENTRANCE RD 3.90 KM TO 4.27 KM EAST OF GOSFORD RECONSTRUCTION OF INTERSECTION	COUNCIL 3	79,353	46,235	77,403	202,991
	TOTAL 336						747,526



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0087

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
341	MURRAY	CALDWELLS RD 69.9 KM TO 70.49 KM WEST OF SH21, RECONSTRUCTION OF INTERSECTION	MOAMA COUNCIL 3		9,796	5,703	9,556	25,060
341	MURRAY	BRIDGE OVER THULE CREEK 80.0 KM WEST OF MOAMA EASTERN APPROACH	COUNCIL 3		134,105	78,136	130,810	343,051
341	MURRAY	THULE CREEK 80.0 KM WEST OF MOAMA REINFORCED CONCRETE BRIDGE	COUNCIL 3		59,503	34,669	58,041	152,213
341	WAKOOL	BRIDGE OVER THULE CREEK 80.0 KM WEST OF MOAMA WESTERN APPROACH	COUNCIL 3		21,497	12,525	20,969	54,991
TOTAL 341								575,315
343	NARRABRI	19.3 KM TO 38.5 KM WEST OF WEE WAA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		738,428			738,428
343	WALGETT	0.46 KM TO 1.73 KM EAST OF BURREN JUNCTION RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		21,474	12,512	20,946	54,932
343	WALGETT	1.73 KM TO 3.27 KM EAST OF BURREN JUNCTION RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		8,821	5,139	8,604	22,564
343	WALGETT	0.46 KM TO 6.60 KM EAST OF BURREN JUNCTION - SECTION 3 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		25,522	14,870	24,894	65,286
TOTAL 343								881,210
349	GOSFORD	WOY WOY BAY 9.8 KM SOUTH OF GOSFORD DEMOLITION OF RAILWAY BRIDGE	COUNCIL 7			-14,894		-14,894
349	GOSFORD	BRIDGE OVER WOY WOY BAY AT WOY WOY APPROACHES	COUNCIL 7			-9,442		-9,442
TOTAL 349								-24,336
350	PARKES	LEVEL CROSSING AT MUGINCABLE 7.6 KM SOUTH EAST OF PARKES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		5,069	2,953	4,944	12,966
TOTAL 350								12,966
358	MURRURUNDI	27.0 KM TO 28.8 KM WEST OF WILLOW TREE BITUMINOUS SURFACING	COUNCIL 3		11,424	6,657	11,143	29,224

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0088

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
358	MURRURUNDI	BULLPADDOCK CREEK 27.88 KM WEST OF WILLOWTREE REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	26,562	15,476	25,909	67,947
358	MURRURUNDI	17.7 KM TO 18.8 KM FROM WILLOW TREE TOWARDS MERRIWA STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	3	14,757	8,598	14,394	37,749
	TOTAL	358						134,920
366	KU-RING-GAI	SH10 TO NAMBUCCA ST, TURRAMURRA RECONSTRUCTION & WIDENING	COUNCIL	7	59,395	21,987	44,028	125,410
	TOTAL	366						125,410
367	MOREE PLAINS	62.44 KM TO 65.45 KM NORTH OF MOREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	21,196	12,351	20,677	54,226
	TOTAL	367						54,226
371	BLAND	18.42 KM TO 23.63 KM NORTH OF SH6 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	31,418	18,305	30,646	80,369
	TOTAL	371						80,369
372	WINGECARRIBEE	6.4 KM TO 7.4 KM WEST OF MOSS VALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	45,222	26,349	44,111	115,682
	TOTAL	372						115,682
377	CABONNE	53.1 KM TO 57.7 KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	54,396	31,694	53,060	139,150
377	FORBES	32.4 KM WEST OF FORBES RAISING OF ROAD LEVEL TO ALLEVIATE DISRUPTION BY FLOODING	COUNCIL	3	22,843	13,310	22,282	58,435
377	FORBES	JEMALONG CREEK 23.47 KM WEST OF FORBES PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	9,258	5,394	9,030	23,682
377	LACHLAN	84.9 KM TO 87.5 KM WEST OF FORBES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,801	5,711	9,561	25,073
	TOTAL	377						246,340



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0089

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
351	HARDEN	CUNNINGHAMS CREEK 5.4 KM SOUTH OF HARDEN FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	10,300	6,002	10,047	26,349
	TOTAL	351						26,349
382	SEVERN	30.18 KM TO 30.15 KM WEST OF GLENY INNES STRENGTHENING & BITUMINOUS SURFACING OF PAVEMENT	COUNCIL	3	25,229	14,700	24,609	64,538
	TOTAL	382						64,538
386	WAKOOL	26.74 KM TO 31.59 KM WEST OF MR319 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	60,798	35,418	59,294	155,500
	TOTAL	386						155,500
387	COOLAMON	5.4 KM TO 8.4 KM WEST OF ARDLETHAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	32,370	18,860	31,574	82,804
387	NARRANDERA	0.3 KM TO 3.0 KM WEST OF THE COOLAMON/NARRANDERA SHIRE BDY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-4,414	-2,572	-4,306	-11,292
387	NARRANDERA	11.4 KM TO 12.9 KM WEST OF ARDLETHAN WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL	3	21,897	12,758	21,359	55,014
387	TEMORA	CROWLEY ST TO PARKES ST, TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	2,034	1,185	1,984	5,203
387	TEMORA	35.0 KM TO 40.0 KM WEST OF TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	17,692	10,309	17,257	45,257
387	TEMORA	TRIGALONG CREEK 3.1 KM WEST OF TEMORA SEVEN SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	-2,051	-1,195	-2,000	-5,246
387	TEMORA	BRIDGE OVER TRIGALONG CREEK 3.3 KM TO 4.4 KM WEST OF TEMORA APPROACHES	COUNCIL	3	4,006	2,334	3,908	10,248
	TOTAL	387						182,988
390	BLAYNEY	KINGS PLAIN CREEK 2.16 KM SOUTH OF BLAYNEY - BREWERY BRIDGE FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	58,551	34,114	57,112	149,777
390	BLAYNEY	BREWERY BRIDGE 3.0 KM SOUTH OF BLAYNEY APPROACHES	COUNCIL	3	70,529	41,093	68,796	180,418

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0090

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> WLTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
	TOTAL	390						330,195
392	LAKE MACQUARIE	FREEMANS WATERHOLE - NOBLES BRIDGE						
	REINFORCED CONCRETE BOX CULVERT		COUNCIL 7			1,226		1,226
392	LAKE MACQUARIE	NOBLES BRIDGE 15.3 KM TO 19.2 KM NORTH OF MORISSET						
	APPROACHES		COUNCIL 7			19,629		19,629
	TOTAL	392						20,855
394	BOMBALA	1.60 KM TO 2.76 KM WEST OF SH19						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 3		12,613	7,349	12,303	32,265
	TOTAL	394						32,265
397	HARRINGAH	WAKEHURST PARKWAY & DREADNOUGHT ST, OXFORD FALLS						
	IMPROVEMENT OF INTERSECTION		DEPT 6		120,533	44,620	89,348	254,501
	TOTAL	397						254,501
398	TEMORA	17.8 KM TO 20.8 KM EAST OF BARMEDMAN						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 3		-836	-487	-815	-2,138
398	WEDDIN	46.2 KM TO 47.35 KM SOUTH WEST OF GRENFELL						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 3		11,758	6,851	11,469	30,078
	TOTAL	398						27,940
411	COBAR	BOOBEROI CREEK 9.47 KM WEST OF EUABALONG						
	PRESTRESSED CONCRETE PLANK BRIDGE		COUNCIL 3		132,764	77,354	129,501	339,619
411	COBAR	6.5 KM TO 9.1 KM NORTH WEST OF EUABALONG						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 3		95,478	55,630	93,132	244,240
	TOTAL	411						583,859
418	CARRATHOOL	BRIDGE OVER MERROWIE CREEK 13.7 KM NORTH OF HILLSTON						
	APPROACHES		COUNCIL 4			63,817		63,817
	TOTAL	418						63,817



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0091

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
421	BOURKE	10.0 KM TO 12.0 KM SOUTH OF BOURKE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	12,696	7,397	12,384	32,477
421	BOURKE	TR68 & MR421 3.1 KM TO 4.5 KM SOUTH OF BOURKE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	56,830	33,112	55,434	145,376
	TOTAL	421						177,853
435	CENTRAL DARLING	SH8 TO DRY LAKE RD, WILCANNIA DEVIATION	COUNCIL	4		63,921		63,921
	TOTAL	435						63,921
501	CARRATHOOL	4.0 KM TO 7.0 KM WEST OF HILLSTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	12,767	7,439	12,453	32,659
501	CARRATHOOL	7.0 KM TO 10.0 KM WEST OF HILLSTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	63,863	37,209	62,294	163,366
	TOTAL	501						196,025
503	HAWKESBURY	VARIOUS LOCATIONS 30.0 KM TO 54.0 KM NORTH OF WINDSOR WIDENING OF CUTTINGS & FORMATION	DEPT	7		49,788		49,788
503	HAWKESBURY	VARIOUS LOCATIONS 49.5 KM 54.0 KM NORTH OF WINDSOR STRENGTHENING OF PAVEMENT & ISOLATED HEAVY PATCHING	DEPT	7		489,323		489,323
503	SINGLETON	77.5 KM SOUTH OF SINGLETON RESTORATION OF LANDSLIDES	DEPT	2	158	92	154	404
503	SINGLETON	BRIDGE OVER BULGA CREEK 27.6 KM TO 28.9 KM SOUTH OF SINGLETON APPROACHES	DEPT	2	148,465	86,502	144,817	379,784
503	SINGLETON	DARKEY CREEK SOUTH 41.88 KM SOUTH OF SINGLETON PRESTRESSED CONCRETE BRIDGE	DEPT	2	2,017	1,175	1,967	5,159
503	SINGLETON	PARSONS CREEK 26.3 KM SOUTH OF SINGLETON DEMOLITION OF OLD BRIDGE	COUNCIL	2	7,140	4,160	6,965	18,265
503	SINGLETON	BRIDGE OVER DARKEY CREEK SOUTH 40.29 KM SOUTH OF SINGLETON APPROACHES	DEPT	2	5,301	3,089	5,171	13,561
503	SINGLETON	77.0 KM TO 78.0 KM SOUTH OF SINGLETON NEAR BOGGY SWAMP STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	125,677	73,225	122,589	321,491

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0092

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
503	SINGLETON	25.2 KM TO 93.2 KM SOUTH OF SINGLETON REHABILITATION OF VARIOUS SECTIONS	DEPT	2	132,240	77,049	128,990	338,279
503	SINGLETON	25.2 KM TO 93.2 KM SOUTH OF SINGLETON ERECTION OF GUARDRAIL	DEPT	2	18,008	10,493	17,566	46,067
503	SINGLETON	MAIN NORTHERN RAILWAY LINE AT JOHN ST, SINGLETON THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	11,183	6,516	10,908	28,607
503	SINGLETON	167 KM TO 169.3 KM NORTH OF WINDSOR RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	5,832	3,398	5,688	14,918
503	SINGLETON	22.85 KM TO 25.05 KM WEST OF MR503 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	1,600	932	1,561	4,093
503	SINGLETON	BRIDGE OVER PARSONS CREEK 26.3 KM SOUTH OF SINGLETON APPROACHES	COUNCIL	2	62,846	36,617	61,301	160,764
503	SINGLETON	BULGA CREEK 27.14 KM SOUTH OF GRAFTON PRESTRESSED CONCRETE BRIDGE	DEPT	2	13,033	7,594	12,713	33,340
503	SINGLETON	PARSONS CREEK 25.2 KM SOUTH OF SINGLETON SIX SPAN PRESTRESSED CONCRETE BROAD FLANGE GIRDER BRIDGE	DEPT	2	17,803	10,373	17,366	45,542
503	SINGLETON	TERRY'S CREEK 36.3 KM SOUTH OF SINGLETON PRESTRESSED CONCRETE BOX CULVERT	DEPT	2	12,558	7,317	12,249	32,124
503	SINGLETON	BRIDGE OVER RAILWAY LINE AT JOHN ST, SINGLETON APPROACHES	COUNCIL	2	288,789	168,265	281,693	738,747
TOTAL		503						2,720,256
504	GOSFORD	MR336 TO KINCUMBER RECONSTRUCTION & WIDENING	COUNCIL	7		34,022		34,022
504	GOSFORD	2.43 KM TO 3.1 KM FROM MR336 TOWARDS KINCUMBER RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		-23,593		-23,593
504	GOSFORD	MR336 TO KINCUMBER RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		-132,442		-132,442
TOTAL		504						-122,013
507	MOORE PLAINS	90.14 KM TO 93.25 KM NORTH EAST OF MUNGINDI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	48,078	28,013	46,897	122,988



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0093

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
507	MOREE PLAINS	87.44 KM TO 90.44 KM NORTH OF MUNGINDI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	39,091	22,776	38,130	99,997
	TOTAL 507							222,985
508	HURSTVILLE	SIMONE PLACE TO SALT PAN CREEK, MILPERRA WIDENING TO SIX LANES	COUNCIL	6	83,302	30,837	61,750	175,889
508	HURSTVILLE	BRIDGE OVER SALT PAN CREEK, PADSTOW WIDENING	DEPT	6	134,288	49,711	99,544	283,543
508	HURSTVILLE	WALDO CRES TO SALT PAN CREEK, MILPERRA WIDENING TO SIX LANES	COUNCIL	6	91,054	33,707	67,496	192,257
	TOTAL 508							651,689
514	HAY	73.0 KM TO 77.0 KM WEST OF HAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	27,133	15,809	26,467	69,409
	TOTAL 514							69,409
515	FAIRFIELD	MAXWELLS AVE TO RESERVOIR RD, MT PRITCHARD RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	6	431,452	159,717	319,825	910,994
	TOTAL 515							910,994
516	GREATER LITHGOW	BURNS LANE TO BRIDGE ST, LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	119,006	69,338	116,082	304,426
	TOTAL 516							304,426
517	PORT STEPHENS	0.5 KM TO 2.8 KM EAST OF SH10 RECONSTRUCTION	COUNCIL	7		175,771		175,771
	TOTAL 517							175,771
522	WOLLONGONG	1.0 KM TO 3.0 KM NORTH OF WINDANG BRIDGE WATER BOARD ADJUSTMENTS	COUNCIL	6		209,584		209,584
	TOTAL 522							209,584

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0094

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
527	LAKE MACQUARIE	BRIDGE OVER SOUTH CREEK, WARRERS BAY						
	APPROACHES		COUNCIL 6			11,797		11,797
527	LAKE MACQUARIE	SOUTH CREEK 1.2 KM SOUTH OF WARRERS BAY						
	PRESTRESSED CONCRETE BRIDGE		COUNCIL 6			247,732		247,732
TOTAL 527								259,529
529	WARRINGAH	ADAMS ST TO WEARDEN RD, FRENCH'S FOREST						
	PUBLIC UTILITY ADJUSTMENT		COUNCIL 6	2,756		1,020	2,043	5,819
529	WARRINGAH	ADAMS ST TO WEARDEN RD, FRENCH'S FOREST						
	WIDENING TO SIX LANES		COUNCIL 6	6,332		2,344	4,694	13,370
529	WARRINGAH	ADAMS ST TO WEARDEN RD, FRENCH'S FOREST						
	BITUMINOUS SURFACING & PROVISION OF MEDIAN		COUNCIL 6	149,509		55,393	110,901	315,893
TOTAL 529								335,082
530	WARRINGAH	HOWARD AVE, DEE WHY						
	REINFORCED CONCRETE BOX CULVERT		COUNCIL 7	29,901		11,069	22,165	63,135
TOTAL 530								63,135
531	GREATER LITHGOW	10.3 KM TO 12.6 KM NORTH OF SH5						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 3	-2,224		-1,296	-2,170	-5,690
TOTAL 531								-5,690
533	NAMBUCCA	23.01 KM TO 23.20 KM EAST OF SH10						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 4			90,771		90,771
TOTAL 533								90,771
536	PENRITH	JOHN ST TO MARGARET ST, ST MARYS						
	SIDE STRIPS		DEPT 7	545		202	404	1,151
TOTAL 536								1,151
537	BLACKTOWN	SPENCER ST TO PLUMPTON RD, PLUMPTON						
	EXPERIMENT IN COORDINATION WITH A.R.R.B.		DEPT 6	5,028		1,861	3,727	10,616



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0095

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
537	BLACKTOWN	OPPOSITE EASTERN CREEK PUBLIC SCHOOL						
	KERB & GUTTERING		COUNCIL	6	136	51	102	291
537	HAWKESBURY	BRIDGE OVER RICKABY'S CREEK 54.14 KM NORTH OF SYDNEY						
	APPROACHES		DEPT	6	7,310	2,706	5,419	15,435
	TOTAL	537						26,342
540	COFFS HARBOUR	DILLON ST TO RAILWAY OVERBRIDGE, SAWTELL						
	RECONSTRUCTION		COUNCIL	4		1,452		1,452
540	COFFS HARBOUR	4.9 KM TO 5.2 KM EAST OF SH10						
	WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT		COUNCIL	4		34,443		34,443
	TOTAL	540						35,895
541	TWEED	11.2 KM TO 12.0 KM NORTH OF MURWILLUMBAH						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	2	57,123	33,282	55,719	146,124
	TOTAL	541						146,124
543	LOCKHART	BRIDGE OVER BURKES CREEK, THE ROCKS						
	APPROACHES		COUNCIL	3	9,527	5,551	9,293	24,371
543	WAGGA WAGGA	BEAVERS CREEK 32.4 KM SOUTH OF COOLAMON						
	PRESTRESSED CONCRETE BRIDGE		COUNCIL	3	1,428	832	1,393	3,653
	TOTAL	543						28,024
544	LISMORE	TUNCESTER LEVEL CROSSING AT 829.516 KM						
	INSTALLATION OF FLASHING LIGHTS & WARNING BELLS		COUNCIL	3	6,955	4,052	6,784	17,791
544	RICHMOND RIVER	BENTLY CROSSING 11.3 KM WEST OF LISMORE						
	INSTALLATION OF "F" TYPE FLASHING LIGHTS		COUNCIL	3	4,760	2,774	4,643	12,177
	TOTAL	544						29,968
545	BALLINA	2.1 KM TO 3.0 KM NORTH OF SH10						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	5		-9,902		-9,902
	TOTAL	545						-9,902

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0096

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)						
547	CULCAIRN	RAILWAY LEVEL CROSSING AT JINDERA RD, WALLA WALLA	DEPT	3	1,222	712	3,126
	WIDENING OF PAVEMENT					1,192	
547	HUME	VARIOUS LOCATIONS WITHIN COUNCIL AREA	COUNCIL	4		47,861	47,861
	ADJUSTMENT OF PROPERTIES WHERE RESUMPTION GAZETTED						
	TOTAL 547						50,987
552	CONARGO	7.2 KM TO 13.7 KM NORTH OF DENILIQUIN	COUNCIL	3	6,048	3,524	15,472
	RECONSTRUCTION & BITUMINOUS SURFACING					5,900	
552	CONARGO	8.9 KM TO 11.0 KM NORTH OF DENILIQUIN	COUNCIL	3	17,753	10,344	45,414
	RECONSTRUCTION & BITUMINOUS SURFACING					17,317	
552	DENILIQUIN	3.02 KM TO 4.4 KM NORTH OF DENILIQUIN	COUNCIL	3	16,561	9,707	42,619
	RECONSTRUCTION & BITUMINOUS SURFACING					16,251	
	TOTAL 552						103,505
555	BALLINA	0.0 KM TO 2.0 KM FROM WARDELL TOWARDS GOONELLABAH	COUNCIL	4		191,942	191,942
	RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL 555						191,942
560	EUROBODALLA	EDWARD RD TO OBSERVATION AVE 3.4 TO 3.9 KM STH OF BATEMANS BAY	COUNCIL	4		24,756	24,756
	RECONSTRUCTION						
560	EUROBODALLA	BEACH RD & ORIENT ST, BATEMAN'S BAY	COUNCIL	4		97,373	97,373
	RECONSTRUCTION OF INTERSECTION						
	TOTAL 560						122,129
570	BLUE MOUNTAINS	GEORGE ST & SILVA RD, SPRINGWOOD	COUNCIL	7	17,963	6,613	37,718
	RECONSTRUCTION & BITUMINOUS SURFACING					13,242	
570	BLUE MOUNTAINS	LEE RD, PATTERSON RD & LINKSVIEW AVE, SPRINGWOOD	COUNCIL	7	6,110	2,262	12,901
	IMPROVEMENT OF INTERSECTION					4,529	
570	BLUE MOUNTAINS	HALIYON RD & SUNNY RIDGE RD	COUNCIL	7	33,620	12,446	70,988
	RECONSTRUCTION OF INTERSECTION					24,922	
	TOTAL 570						121,607



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0097

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'N LTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
571	KIAMA	BRIDGE OVER CROOKED RIVER, GERROA NORTHERN APPROACH	COUNCIL	7		117,967		117,967
571	KIAMA	BRIDGE OVER CROOKED RIVER AT GERROA SOUTHERN APPROACHES	COUNCIL	7		54,265		54,265
571	KIAMA	CROOKED RIVER, GERROA 13 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	7		911,374		911,374
TOTAL		571						1,083,606
572	DUBBO	36.4 KM TO 39.4 KM NORTH EAST OF NARROMINE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	24,784	14,440	24,175	63,399
572	GILGANDRA	39.7 KM TO 42.7 KM NORTH EAST OF NARROMINE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	45,598	26,626	44,575	116,899
572	NARROMINE	24.1 KM TO 28.6 KM NORTH EAST OF NARROMINE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	38,082	22,198	37,146	97,416
TOTAL		572						277,714
573	ORANGE	2.2 KM TO 3.2 KM NORTH OF ORANGE PUBLIC UTILITY ADJUSTMENT	COUNCIL	3	2,624	1,529	2,560	6,713
573	ORANGE	UNNAMED CREEK 6.06 KM NORTH OF ORANGE RECONSTRUCTION OF CULVERT & APPROACHES	COUNCIL	3	11,370	6,625	11,091	29,086
TOTAL		573						35,799
574	PARRAMATTA	BRIDGE OVER PONDS CREEK AT KISSING POINT RD, TELOPEA WIDENING	DEPT	7	-16,648	-6,163	-12,341	-35,152
574	PARRAMATTA	BRIDGE OVER VINEYARD CREEK, DUNDAS WIDENING	DEPT	7	10,184	3,770	7,549	21,503
574	PARRAMATTA	KISSING POINT RD, DUNDAS RAILWAY UNDERPASS	DEPT	7	141,979	52,559	105,245	299,784
574	PARRAMATTA	QUARRY RD, DUNDAS TO BETTINGTON RD, RYDALMERE WIDENING TO FOUR LANES	DEPT	7	957,151	354,323	709,513	2,020,987
574	PARRAMATTA	CLYDE TO CARLINGFORD RAILWAY LINE APPROACHES TO RECONSTRUCTED RAILWAY UNDERPASS BRIDGE	DEPT	7	102,308	37,873	75,839	216,020

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0098

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
	TOTAL	574						2,523,142
576	BOOROWA	32.1 KM TO 34.0 KM SOUTH EAST OF COMRA STRENGTHENING OF PAVEMENT & BITUMINOUS SURFACING	COUNCIL	3	6,137	3,576	5,986	15,699
576	BOOROWA	25.9 KM TO 30.85 KM SOUTH OF COMRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,497	5,533	9,264	24,294
	TOTAL	576						39,993
577	BROKEN HILL	RAILWAY LEVEL CROSSING AT EYRE ST, SOUTH INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	BROKEN HILL DEPT	3	5,150	3,001	5,023	13,174
	TOTAL	577						13,174
581	WOLLONGONG	SPRINGHILL RD, WOLLONGONG WIDENING OF DRAINAGE CHANNEL	COUNCIL	6		1,794		1,794
581	WOLLONGONG	SWAN CREEK TO KIERA ST 1.2 KM TO 2.0 KM SOUTH OF SECOND CARRIAGEWAY	WOLLONGONG COUNCIL	6		10,419		10,419
	TOTAL	581						12,213
596	URANA	0.7 KM TO 4.38 KM WEST OF SH17 AT MORUNDAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	28,561	16,641	27,860	73,062
	TOTAL	596						73,062
603	NEWCASTLE	NEAR CARISBROOKE AVE, KOTARA INVESTIGATION OF SLIP AREA & APPLICATION OF REMEDIAL MEASURES	COUNCIL	6		1,180		1,180
	TOTAL	603						1,180
611	SHELLHARBOUR	1.7 KM TO 3.1 KM FROM WARILLA PUBLIC UTILITY ADJUSTMENT	COUNCIL	6		22,974		22,974
611	SHELLHARBOUR	0.0 KM TO 1.7 KM WEST OF WARILLA RECONSTRUCTION & WIDENING	COUNCIL	6		17,444		17,444
611	SHELLHARBOUR	1.7 KM TO 3.1 KM WEST OF WARILLA RECONSTRUCTION & WIDENING	COUNCIL	6		306,333		306,333



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0099

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
	TOTAL	611						346,751
613	SHELLHARBOUR	2.14 KM WEST OF MR522 OPPOSITE SHELLHARBOUR SQUARE PEDESTRIAN OVERBRIDGE	DEPT	7		263,830		263,830
613	WOLLONGONG	MARGARET ST, WARRAWONG TO DENISE ST, LAKE HEIGHTS DIVIDED CARRIAGEWAYS	COUNCIL	7		6,338		6,338
613	WOLLONGONG	1.4 KM TO 3.6 KM EAST OF F6 DIVIDED TWO LANE CARRIAGEWAY	COUNCIL	6		552,003		552,003
	TOTAL	613						822,171
615	GOSFORD	RIP BRIDGE 2.19 KM TO 2.59 KM EAST OF MR349 HIGH LEVEL ACCESS ROAD	COUNCIL	7		-4,770		-4,770
	TOTAL	615						-4,770
617	BOTANY	MR170 TO MR194, BOTANY SIX LANE CARRIAGEWAY	DEPT	6	106	39	79	224
	TOTAL	617						224
620	CAMDEN	48.0 KM TO 52.8 KM SOUTH OF SYDNEY REHABILITATION OF PAVEMENT & PROVISION OF SUBSOIL DRAINAGE	DEPT	6	173,318	64,160	128,476	365,954
	TOTAL	620						365,954
622	TENTERFIELD	7.9 KM & 9.8 KM NORTH OF TENTERFIELD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	34,417	20,053	33,571	88,041
	TOTAL	622						88,041
	TOTAL	MAIN ROADS			22,171,123	21,076,768	16,825,987	60,073,878

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0100

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	OTHER ROADS							
1269	COONAMBLE	35.0 KM 37.5 KM EAST OF COONAMBLE RECONSTRUCTION & BITUMINOUS SURFACING						
			COUNCIL	3	46,949	27,355	45,795	120,100
	TOTAL	1269						120,100
2005	SYDNEY	MITCHELL RD & HENDERSON ST, ALEXANDRIA IMPROVEMENT OF INTERSECTION						
			COUNCIL	6	10,322	3,821	7,651	21,794
	TOTAL	2005						21,794
2008	BOTANY	RAILWAY LINE AT O'RIORDAN ST, MASCOT TWO SPAN PRESTRESSED CONCRETE GIRDER OVERBRIDGE						
			DEPT	6	338,381	125,264	250,834	714,479
	TOTAL	2008						714,479
2011	SYDNEY	HENDERSON ST TO BOUNDARY ST, REDFERN RECONSTRUCTION OF PAVEMENT						
			COUNCIL	7		-1,466		-1,466
	TOTAL	2011						-1,466
2014	ROCKDALE	FOREST RD TO SH1, ROCKDALE PUBLIC UTILITIES ADJUSTMENTS						
			COUNCIL	6	44,110	16,329	32,698	93,137
	TOTAL	2014						93,137
2034	SUTHERLAND	BRIDGE OVER WORONORA RIVER, WORONORA APPROACHES						
			COUNCIL	6	5,956	2,205	4,415	12,576
2034	SUTHERLAND	0 KM TO 0.65 KM WEST OF LINDEN ST, SUTHERLAND RECONSTRUCTION & WIDENING						
			COUNCIL	6	136,161	50,405	100,933	287,499
2034	SUTHERLAND	WORONORA RIVER, WORONORA PRESTRESSED CONCRETE BRIDGE						
			DEPT	6	7,963	2,948	5,903	16,814
2034	SUTHERLAND	BRIDGE OVER WORONORA RIVER AT WORONORA DEMOLITION OF OLD BRIDGE						
			COUNCIL	6	30,524	11,300	22,627	64,451
	TOTAL	2034						381,340
2035	HORNSBY	PENNANT HILLS RD TO HULL RD, PENNANT HILLS RECONSTRUCTION OF SIDE STRIPS						
			COUNCIL	7	1,228	455	911	2,594



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0101

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)							
2035	HORNSBY	PENNANT HILLS RD TO LEE RD, PENNANT HILLS RECONSTRUCTION OF SIDE STRIPS	COUNCIL 7		2,954	1,094	2,190	6,238
2035	HORNSBY	MR160, DURAL IMPROVEMENT OF INTERSECTION	COUNCIL 7		-78	-29	-57	-164
2035	HORNSBY	BOUNDARY RD FROM PENNANT HILLS RD TO NEW LINE RD, PENNANT HILLS WIDENING TO FOUR LANES & STRENGTHENING OF PAVEMENT	COUNCIL 7		526	195	390	1,111
TOTAL 2035								9,779
2041	HURSTVILLE	CROYDON RD TO FOREST RD, BEXLEY HEAVY PATCHING AT SELECTED LOCATIONS	COUNCIL 6		19,051	7,053	14,122	40,226
2041	HURSTVILLE	STONE CREEK RD AT QUEENSBURY RD, PENSHURST IMPROVEMENT OF CURVE	COUNCIL 6		44,827	16,594	33,229	94,650
2041	HURSTVILLE	AUSTIN AVE TO MOUNTVIEW AVE, NARWEE HEAVY PATCHING OF PAVEMENT	COUNCIL 6		28,017	10,371	20,768	59,156
TOTAL 2041								194,032
2043	HORNSBY	EDGEWORTH DAVID RD, WAITARA AVE, TO WEST OF COONABARRA AVE KERBSIDE LANES	COUNCIL 7		2,129	788	1,578	4,495
2043	HORNSBY	PARK AVE TO MYRA ST, WAITARA RECONSTRUCTION	COUNCIL 7		4,967	1,839	3,682	10,488
TOTAL 2043								14,983
2044	BLUE MOUNTAINS	0 KM TO 1.3 KM NORTH OF SH5, KATOOMBA RESTORATION OF FAILED PAVEMENT	COUNCIL 7			5,862		5,862
TOTAL 2044								5,862
2046	LEICHHARDT	WHITES CREEK AT BRENNAN ST, LEICHHARDT PRESTRESSED CONCRETE BRIDGE	DEPT 7		2,428	899	1,800	5,127
TOTAL 2046								5,127
2048	PENRITH	ANDREWS RD, PENRITH - AUSTIN & ERSON LTD REINFORCED CONCRETE BOX CULVERT	COUNCIL 7			11,635		11,635

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0102

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)							
2048	PENRITH	ANDREWS RD NEAR GLASS CONTAINERS LTD, PENRITH						
	PIPE CULVERT		COUNCIL 7			-11,635		-11,635
	TOTAL 2048							
2049	PARRAMATTA	WENTWORTH ST TO STATION ST, PARRAMATTA						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 7		-9,738	-3,605	-7,218	-20,561
2049	PARRAMATTA	HARRIS ST TO MASSALL ST, HARRIS PARK						
	FOUR LANE CARRIAGEWAY		COUNCIL 7		50,430	18,668	37,382	106,480
	TOTAL 2049							85,919
2052	RYDE	BRIDGE OVER KITTYS CREEK, EAST RYDE						
	APPROACHES		COUNCIL 6		363	135	269	767
2052	RYDE	BUFFALO CREEK AT PITTWATER RD, BORONIA PARK						
	REINFORCED CONCRETE BOX CULVERT		COUNCIL 6		8,281	3,065	6,138	17,484
2052	RYDE	BRIDGE OVER BUFFALO CREEK, BORONIA PARK						
	SURVEY & DESIGN		COUNCIL 6		210	78	156	444
2052	RYDE	BRIDGE OVER BUFFALO CREEK AT PITTWATER RD, BORONIA PARK						
	APPROACHES		COUNCIL 6		34,391	12,731	25,494	72,616
	TOTAL 2052							91,311
2057	STRATHFIELD	FRASER ST TO MACKENZIE ST, HOMEBUSH WEST						
	RECONSTRUCTION TO FOUR LANE CARRIAGEWAY		COUNCIL 7		6,319	2,339	4,684	13,342
2057	STRATHFIELD	FRANCES ST TO MACKENZIE ST, STRATHFIELD						
	RECONSTRUCTION & WIDENING TO FOUR LANES		COUNCIL 7		1,528	603	1,207	3,438
2057	STRATHFIELD	BERESFORD RD & HOMEBUSH RD, STRATHFIELD						
	RECONSTRUCTION OF INTERSECTION		COUNCIL 7		-764	-293	-567	-1,614
2057	STRATHFIELD	ARTHUR ST & MACKENZIE ST, WEST HOMEBUSH						
	RECONSTRUCTION OF INTERSECTION		COUNCIL 7		764	283	567	1,614
2057	STRATHFIELD	HOWARD ST TO FRANCIS ST, STRATHFIELD						
	PUBLIC UTILITY ADJUSTMENT		COUNCIL 7		-217	-80	-161	-458
	TOTAL 2057							16,322



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0103

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL COM <sup>W</sup> WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	OTHER ROADS (CONT'D)						
2058	RYDE	0 KM TO 1.3 KM SOUTH OF MR373 RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6	12,310	4,557	9,125	25,992
2058	RYDE	GOULDING RD TO WICKS RD, RYDE RECONSTRUCTION TO FOUR LANES - STAGE 5	COUNCIL 6	43,091	15,952	31,942	90,985
TOTAL	2058						116,977
2060	CANTERBURY	PUNCHBOWL RD AT PUNCHBOWL RAILWAY STATION, PUNCHBOWL RELOCATION OF WAR MEMORIAL	COUNCIL 6	94	35	70	199
2060	CANTERBURY	PUNCHBOWL RD & WARWICK ST, PUNCHBOWL IMPROVEMENT OF CURVE AT INTERSECTION	COUNCIL 7	28,017	10,371	20,768	59,156
2060	CANTERBURY	BRIDGE OVER BANKSTOWN RAILWAY LINE AT PUNCHBOWL WIDENING & RECONSTRUCTION	DEPT 6	-101	-37	-75	-213
2060	CANTERBURY	BRIDGE OVER RAILWAY LINE AT PUNCHBOWL STATION, PUNCHBOWL APPROACHES	DEPT 6	6,422	2,377	4,761	13,560
TOTAL	2060						72,702
2066	PARRAMATTA	ALBERT ST TO CHURCH ST, PARRAMATTA RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL 8		19,391		19,391
TOTAL	2066						19,391
2069	AUBURN	GIBBONS ST TO NORTHUMBERLAND RD, AUBURN RECONSTRUCTION OF PAVEMENT	COUNCIL 7	-6,933	-2,566	-5,139	-14,638
TOTAL	2069						-14,638
2071	FAIRFIELD	CAMBRIDGE ST TO PALMERSTON RD, FAIRFIELD WEST DEVIATION	DEPT 6	11,170	4,135	8,280	23,585
2071	FAIRFIELD	CAMBRIDGE ST TO JOSEPH ST, CANLEY HEIGHTS DEVIATION	DEPT 6	44	16	32	92
2071	FAIRFIELD	ST JOHNS RD, CABRAMATTA TO AVONLEA ST, CANLEY HEIGHTS RECONSTRUCTION TO FOUR LANES	DEPT 6	272,793	100,984	202,215	575,992
2071	HOLROYD	WATER SUPPLY PIPELINE WARREN RD TO BETTS RD, SMITHFIELD THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 6	3,330	1,233	2,469	7,032

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0104

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)							
2071	HOLROYD	WOODPARK RD TO MERRYLANDS RD, MERRYLANDS WEST RECONSTRUCTION & WIDENING - PUBLIC UTILITIES ADJUSTMENTS	COUNCIL 6		120,831			120,831
2071	HOLROYD	STURT ST TO WOODPARK RD, GUILDFORD DEVIATION	COUNCIL 6		858	318	636	1,812
2071	HOLROYD	BRIDGE OVER PROSPECT CREEK AT SMITHFIELD NORTHERN APPROACH	COUNCIL 6		-858	-318	-636	-1,812
2071	HOLROYD	SYDNEY WATER SUPPLY CANAL TO REIN RD, SOUTH WENTWORTHVILLE DEVIATION	COUNCIL 6		104,656			104,656
2071	LIVERPOOL	SH2 TO CABRAMATTA CREEK, CABRAMATTA RECONSTRUCTION & WIDENING - PUBLIC UTILITIES ADJUSTMENTS	COUNCIL 6		178,942			178,942
2071	LIVERPOOL	ORANGE GROVE RD BETWEEN SH2 & CABRAMATTA CREEK, PROVISION OF DRAINAGE	CABRAMATTA COUNCIL 6		44,266	16,387	32,813	93,466
2071	LIVERPOOL	ORANGE GROVE RD BETWEEN SH2 & CABRAMATTA CREEK, RECONSTRUCTION & WIDENING	CABRAMATTA COUNCIL 6		104,656			104,656
TOTAL 2071								1,209,252
2079	ROCKDALE	OAKDALE AVE TO O'NEILL ST, BRIGHTON-LE-SANDS RECONSTRUCTION TO SIX LANES	COUNCIL 7		79,567	29,455	58,981	168,003
TOTAL 2079								168,003
2081	RYDE	RUTLEDGE ST FROM TRELAWNY ST TO SHAFTSBURY RD, EASTWOOD ROAD SHOULDERS	COUNCIL 7		100	37	74	211
2081	RYDE	BRIDGE OVER NORTHERN RAILWAY LINE, EASTWOOD APPROACHES	COUNCIL 7		-8,281	-3,065	-6,138	-17,484
TOTAL 2081								-17,273
2084	BLACKTOWN	SR2084 & ABBOTT RD, SEVEN HILLS RECONSTRUCTION OF INTERSECTION	COUNCIL 6		15,924	5,895	11,804	33,623
2084	BLACKTOWN	RAILWAY OVERBRIDGE AT SEVEN HILLS APPROACHES	COUNCIL 6		-848	-314	-629	-1,791
2084	BLACKTOWN	OLIVE ST TO WALL PARK AVE SEVEN HILLS DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL 6		60,115	22,254	44,562	126,931



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0105

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM <sup>W</sup> WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$	
OTHER ROADS (CONT'D)							
2084	BLACKTOWN	RAILWAY OVERBRIDGE AT SEVEN HILLS PUBLIC UTILITY ADJUSTMENT	COUNCIL 6	848	314	629	1,791
TOTAL 2084							160,554
2085	BLACKTOWN	RICHMOND RD FROM CURRAN RD TO BREAKFAST RD, BLACKTOWN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 6	46,059	17,050	34,143	97,252
2085	BLACKTOWN	BRIDGE OVER EASTERN CREEK NEAR SYMONDS RD, DOONSIDE RECONSTRUCTION & WIDENING	COUNCIL 6	1,218	451	903	2,572
2085	BLACKTOWN	LOCK ST TO BLACKTOWN RD, BLACKTOWN BUNGARRIBEE RD EXTENSION	COUNCIL 6	140,083	51,857	103,840	295,780
2085	BLACKTOWN	KENT ST TO WILLIAM ST, BLACKTOWN HEAVY PATCHING OF PAVEMENT	COUNCIL 6	18,391	6,808	13,633	38,832
2085	BLACKTOWN	BUNGARRIBEE RD & PATRICK ST, BLACKTOWN RECONSTRUCTION OF INTERSECTION	COUNCIL 6	13,056	4,833	9,678	27,567
TOTAL 2085							462,003
2087	STRATHFIELD	COOKS RIVER AT PEMBERTON ST, SOUTH STRATHFIELD REINFORCED CONCRETE BOX CULVERT	COUNCIL 6	5,456	2,020	4,044	11,520
2087	STRATHFIELD	0 KM TO 0.66 KM WEST OF SH2, SOUTH STRATHFIELD RECONSTRUCTION & WIDENING	COUNCIL 6	170	53	126	359
TOTAL 2087							11,879
2088	FAIRFIELD	SMITHFIELD RD TO WALLGROVE RD, SMITHFIELD RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6	758	281	562	1,601
2088	FAIRFIELD	MARY ST TO LILY ST, WETHERILL PARK RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6	6,085	2,253	4,511	12,849
2088	FAIRFIELD	HAYWOOD CL TO MARY ST & MAUGHAM ST TO WHINSTANES RD, SMITHFIELD SHOULDERS	COUNCIL 6	-1,124	-416	-833	-2,373
2088	FAIRFIELD	WHINSTANES RD TO ELIZABETH ST, WETHERILL PARK RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6	49,141	18,191	36,427	103,759
TOTAL 2088							115,836

## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0106

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)						
2090	BANKSTOWN	NOBLE AVE TO WATERLOO RD, GREENACRE - STAGE 1 RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 7	-72,822	-26,957	-53,981	-153,760
2090	BANKSTOWN	HILLCREST AVE TO NOBLE AVE, GREENACRE - STAGE 2 RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 7	74,880	27,720	55,507	158,107
2090	BANKSTOWN	HUME HIGHWAY TO HILLCREST AVE, GREENACRE - STAGE 3 RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 7	3,026	1,120	2,243	6,389
2090	BANKSTOWN	WATERLOO RD TO ROBERTS RD, BANKSTOWN RECONSTRUCTION OF CENTRAL PAVEMENT	COUNCIL 7	10,752	3,980	7,971	22,703
2090	BANKSTOWN	ROBERTS RD & JUNO PDE, GREENACRE WIDENING & RECONSTRUCTION OF INTERSECTION	DEPT 6	307,253	113,740	227,759	648,752
	TOTAL	2090					682,191
2091	WILLOUGHBY	BROOK ST, CAMMERAY TO PACIFIC HIGHWAY, ST LEONARDS RECONSTRUCTION OF EXISTING PAVEMENT	COUNCIL 7		78,108		78,108
	TOTAL	2091					78,108
2096	AUBURN	PARK RD TO NEW ST, AUBURN RECONSTRUCTION OF PAVEMENT	COUNCIL 7	782	239	579	1,650
	TOTAL	2096					1,650
2097	LIVERPOOL	FUTURE ROUTE OF F5 NEAR AMIENS RD, MOOREBANK STRENGTHENING & WIDENING PAVEMENT	DEPT 7		732,697		732,697
	TOTAL	2097					732,697
2099	MARRICKVILLE	UNWINS BRIDGE RD, MAY ST, CAMPBELL ST & BEDWIN ST, ST PETERS RECONSTRUCTION OF INTERSECTION	COUNCIL 7	44,827	16,594	33,229	94,650
2099	MARRICKVILLE	UNWINS BRIDGE RD & RAILWAY RD TO PARK RD, SYDENHAM RECONSTRUCTION OF SELECTED SECTIONS OF PAVEMENT	COUNCIL 7	28,755	10,645	21,315	60,715
2099	MARRICKVILLE	PARK RD TO BRIDGE ST, SYDENHAM RECONSTRUCTION OF SELECTED SECTIONS OF PAVEMENT	COUNCIL 7	43,146	15,972	31,983	91,101
	TOTAL	2099					246,466



## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0107

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)							
4006	BAULKHAM HILLS	5.87 KM TO 17.22 KM SOUTH OF WEBBS CREEK FERRY RECONSTRUCTION & WIDENING	COUNCIL 9			31,122		31,122
4006	BAULKHAM HILLS	12.0 KM TO 12.5 KM SOUTH OF WEBBS CREEK FERRY RECONSTRUCTION & WIDENING	COUNCIL 9			22,053		22,053
	TOTAL	4006						53,175
4049	ULMARRA	4.2 KM TO 5.4 KM FROM WOOLI RD TOWARDS MINNIE WATERS RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5			-2,744		-2,744
4049	ULMARRA	5.7 KM TO 6.6 KM FROM WOOLI RD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5			2,744		2,744
	TOTAL	4049						
4052	BLUE MOUNTAINS	0.0 KM TO 1.5 KM FROM FERGUSON RD, SPRINGWOOD IMPROVEMENT OF DRAINAGE & RESTORATION OF PAVEMENT	COUNCIL 9			2,342		2,342
	TOTAL	4052						2,342
4053	COONAMBLE	51.19 KM TO 51.43 KM WEST OF COONABARABRAN SHIRE BOUNDARY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5			4,775		4,775
4053	COONAMBLE	WARRUMBUNGLE NATIONAL PARK STAGE 5 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5			160,264		160,264
	TOTAL	4053						165,039
4055	EUROBOODALLA	SH 1 TO 1.9 KM TOWARDS MYSTERY BAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5			56,269		56,269
	TOTAL	4055						56,269
5010	STRATHFIELD	PEMBERTON ST TO ARTHUR ST, STRATHFIELD DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL 8			34,397		34,397
5010	STRATHFIELD	PEMBERTON ST TO ARTHUR ST, STRATHFIELD (HUDSON PARK DEVIATION) DIVIDED FOUR LANE CARRIAGEWAYS	COUNCIL 8			393,188		393,188
5010	STRATHFIELD	PEMBERTON ST TO ARTHUR ST, STRATHFIELD DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL 6		206,650	76,499	153,185	436,334





## STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0109

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
5045	WAVERLEY	BONDI RD TO CARRINGTON RD, WAVERLEY WIDENING & EXTENSION	DEPT	8		1,031,880		1,031,880
TOTAL 5045								1,031,880
5051	PARRAMATTA	PEARCE ST, ERMINGTON TO BENNETTS RD EAST, DUNDAS DIVIDED SIX LANE CARRIAGEWAYS	DEPT	8		-772		-772
5051	PARRAMATTA	KISSING POINT RD & STEWART ST, DUNDAS IMPROVEMENT OF INTERSECTION	DEPT	7	61,180	22,648	45,351	129,179
TOTAL 5051								128,407
	BAULKHAM HILLS	CATTAL CREEK AT ANNANGROVE RD, ANNANGROVE PRESTRESSED CONCRETE BRIDGE		COUNCIL 8		1,256		1,256
	BAULKHAM HILLS	OLD WINDSOR RD 1.56 KM TO 3.83 KM NORTH OF SEVEN HILLS RD RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 8		-1,256		-1,256
	BLACKTOWN	PYES CROSSING 4.5 KM NORTH OF PARRAMATTA APPROACHES	DEPT	7	309,836	114,697	229,574	654,207
	COONAMBLE	CASTLEREAGH RIVER AT TOOLOON ST, COONAMBLE TEMPORARY CROSSING		COUNCIL 4		-16,504		-16,504
	GUNNEDAH	RAILWAY LEVEL CROSSING BLACKJACK RD, GUNNEDAH DEPTS CONTRIBUTION TO SRA WORK	DEPT	4		12,175		12,175
TOTAL UNCL								649,878
TOTAL OTHER ROADS					6,864,203	4,685,902	4,236,936	15,787,041

## SUMMARY OF EXPENDITURE - CONSTRUCTION

APPENDIX 5.0110

## EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
FREEWAYS	54,161,703	8,849,643	6,618,015	69,629,361
STATE HIGHWAYS	85,715,360	25,544,818	26,925,203	138,185,381
TRUNK ROADS	7,240,083	5,030,837	5,793,850	18,064,779
MAIN ROADS	22,171,123	21,076,768	16,825,987	60,073,878
OTHER ROADS	6,864,203	4,685,902	4,236,936	15,787,041
-----				
SUB TOTALS	176,152,472	65,187,968	60,400,000	301,740,440
MISCELLANEOUS CONSTRUCTION		10,828		10,828
-----				
FINAL TOTALS	176,152,472	65,198,796	60,400,000	301,751,268
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## STATE ROADS SYSTEM - ACQUISITION SUMMARY

APPENDIX 5.0111

## EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
FREEWAYS	5,597,929	4,133,512		9,731,441
STATE HIGHWAYS	671,161	4,716,323		5,387,484
TRUNK ROADS		19,258		19,258
MAIN ROADS		8,308,488		8,308,488
OTHER ROADS	2,474	5,777,506		5,779,980
-----				
SUB TOTALS	6,271,564	22,955,087		29,226,651
MISCELLANEOUS ACQUISITIONS COSTS		614,524		614,524
SALES OF PROPERTIES NO LONGER REQUIRED FOR WORKS		-5,148,660		-5,148,660
-----				
FINAL TOTALS	6,271,564	18,420,951		24,692,515
-----				

SUMMARY OF PAYMENTS ON LOCAL ROADS  
URBAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.0001

LOCAL GOVT AREA	GENERAL GRANTS	SPECIAL WORKS SUBSIDIES	TOTAL
ASHFIELD	81,000		81,000
AUBURN	128,000		128,000
BANKSTOWN	373,000		373,000
BAULKHAM HILLS	314,000		314,000
BLACKTOWN	467,000	389,703	856,703
BLUE MOUNTAINS	181,500		181,500
BOTANY	68,000		68,000
BURWOOD	62,000		62,000
CAMDEN	99,000	45,889	144,889
CAMPBELLTOWN	224,000		224,000
CANTERBURY	234,000		234,000
CONCORD	60,000		60,000
DRUMMOYNE	72,000		72,000
FAIRFIELD	299,000	250,000	549,000
GREATER CESSNOCK	287,000	-14,972	272,028
HAWKESBURY	113,000		113,000
HOLROYD	217,000		217,000
HORNSBY	404,000		404,000
HUNTERS HILL	32,000		32,000
HURSTVILLE	148,000	14,205	162,205
KIAMA	75,000		75,000
KOGARAH	116,000		116,000
KU-RING-GAI	322,000		322,000
LAKE MACQUARIE	501,000		501,000
LANE COVE	66,000		66,000

SUMMARY OF PAYMENTS ON LOCAL ROADS  
URBAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.0002

LOCAL GOVT AREA	GENERAL GRANTS	SPECIAL WORKS SUBSIDIES	TOTAL
LEICHHARDT	131,000		131,000
LIVERPOOL	309,000		309,000
MAITLAND	204,250		204,250
MANLY	79,000		79,000
MARRICKVILLE	181,000		181,000
MOSMAN	69,000		69,000
NEWCASTLE	352,000		352,000
NORTH SYDNEY	99,000		99,000
PARRAMATTA	310,000		310,000
PENRITH	352,000	229,588	581,588
PORT STEPHENS	212,000		212,000
RANDWICK	234,000		234,000
ROCKDALE	186,000		186,000
RYDE	204,000		204,000
SHELLHARBOUR	143,000		143,000
STRATHFIELD	60,000		60,000
SUTHERLAND	530,000		530,000
SYDNEY	185,000	394,627	579,627
WARRINGAH	539,000		539,000
WAVERLEY	105,000		105,000
WILLOUGHBY	115,000		115,000
WOLLONGONG	454,000		454,000
WOOLLAHRA	121,000		121,000
TOTAL	10,117,750	1,309,040	11,426,790



## RURAL LOCAL ROAD - CONSTRUCTION

APPENDIX 6.2.0001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
GLOUCESTER	1150	38.3 KM TO 43.7 KM NORTH OF GLOUCESTER RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	79,330
WALCHA	1323	MACDONALD RIVER 42.59 KM SOUTH OF WALCHA PRESTRESSED CONCRETE BRIDGE	COUNCIL	2,680
WALCHA	1323	41.3 KM TO 41.84 KM SOUTH OF WALCHA RECONSTRUCTION INCLUDING GRAVELLING	COUNCIL	-1,562
WALCHA	1323	39.45 KM TO 41.3 KM SOUTH OF WALCHA RECONSTRUCTION INCLUDING GRAVELLING	COUNCIL	3,975
WALCHA	1323	41.84KM TO 42.75KM SOUTH OF WALCHA GRAVELLING OF PAVEMENT	COUNCIL	35,008
GUYRA	3217	FALCONER CREEK AT WARDES MISTAKE RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	68,200
BARRABA		BARRABA TO TREVALLYN RD AT LITTLE CREEK REINFORCED CONCRETE BRIDGE	COUNCIL	-10,841
BATHURST		VALE CREEK AT RUSSELL RD, BATHURST REINFORCED CONCRETE BRIDGE	COUNCIL	100,500
BEGA VALLEY		MONCKS CROSSING ON THE KALARU TO MERIMBULA RD REINFORCED CONCRETE BRIDGE	COUNCIL	25,650
BEGA VALLEY		MERIMBULA CREEK AT REID ST, MERIMBULA REINFORCED CONCRETE BRIDGE	COUNCIL	39,000
BEGA VALLEY		MERIMBULA CREEK AT REID ST, MERIMBULA REINFORCED CONCRETE BRIDGE	COUNCIL	8,675
BELLINGEN		LEANS CREEK ON THE THORA TO DARKWOOD RD REINFORCED CONCRETE BRIDGE	COUNCIL	6,300
BELLINGEN		LEANS CREEK ON THE THORA TO DARKWOOD RD REINFORCED CONCRETE BRIDGE	COUNCIL	26,700
BLAYNEY		GRUBBENBUN CREEK BRIDGE SUBSIDY	COUNCIL	56,566
BOGAN		DUCK CREEK AT CANONBA REINFORCED CONCRETE BRIDGE	COUNCIL	61,746
BOMBALA		DELGATE RIVER AT DELGATE REINFORCED CONCRETE BRIDGE	COUNCIL	18,000

## RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0002

LOCAL GOVT AREA	ROAD	LOCATION OF WORK. DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
BOURKE		TALLYWALKER CREEK ON THE LOUTH TO TILPA RD REINFORCED CONCRETE BRIDGE	COUNCIL	55,000
CABONNE		SPRING CREEK AT BOWAN PARK RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	7,350
COFFS HARBOUR		FRIDAY CREEK AT FRIDAY CREEK RD REINFORCED CONCRETE BRIDGE	COUNCIL	6,500
COFFS HARBOUR		COFFS CREEK 0.35 KM NORTH OF MR151 REINFORCED CONCRETE BRIDGE	COUNCIL	30,500
COFFS HARBOUR		FRIDAY CREEK AT FRIDAY CREEK RD REINFORCED CONCRETE BRIDGE	COUNCIL	17,800
COFFS HARBOUR		COFFS CREEK 0.35 KM NORTH OF MR151 REINFORCED CONCRETE BRIDGE	COUNCIL	43,500
COONAMBLE		BULAWI CREEK ON THE TENANDRA TO GOORIANANA RD REINFORCED CONCRETE BRIDGE	COUNCIL	18,000
COOTAMUNDRA		MUTTAMA CREEK AT WALLENDON ST, COOTAMUNDRA REINFORCED CONCRETE BRIDGE	COUNCIL	70,000
DUMARESQ		BURYING GROUND CREEK AT ROCKVALE RD REINFORCED CONCRETE BRIDGE	COUNCIL	-38
DUMARESQ		GARA RIVER AT THARGARAH FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	129,658
EUROBODALLA		HANGING ROCK CREEK, BATEMANS BAY PRECAST CONCRETE BOX CULVERT	COUNCIL	15,100
GILGANDRA		KICKABIL CREEK ON DUBBO TO COLLIE RD THREE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	11,661
GILGANDRA		MARTHAGUY CREEK ON BEPIDA TO BULLAGREEN RD REINFORCE CONCRETE BRIDGE	COUNCIL	651
GLOUCESTER		COBARK RIVER AT COBARK RD, GRIFFITH REINFORCED CONCRETE BRIDGE	COUNCIL	50,000
GREATER CESSNOCK		MARY ANNE CREEK AT DEASEYS RD REINFORCED CONCRETE BRIDGE	COUNCIL	-1,779
GREATER TAREE		CATTAI CREEK ON THE COOPERNOK TO HARRINGTON RD REINFORCED CONCRETE BRIDGE	COUNCIL	186,531

## RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0003

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
GREATER TAREE		CATTAI CREEK ON THE COOPERNOOK TO HARRINGTON RD REINFORCED CONCRETE BRIDGE	COUNCIL	93,000
GUNDAGAI		MANGUS TO BETHUNGRA RD, CODBA CREEK REINFORCED CONCRETE BRIDGE	COUNCIL	2,666
GUYRA		JOHNS CREEK AT WAVERLY RD REINFORCED CONCRETE BRIDGE	COUNCIL	10,000
GUYRA		JOHNS CREEK AT WAVERLY RD REINFORCED CONCRETE BRIDGE	COUNCIL	18,000
HASTINGS		BRIDGE OVER HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE SUPPLY & DELIVERY OF STEEL POLES	DEPT	51,650
HASTINGS		BRIDGE OVER HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE SUPPLY & DELIVERY OF STEEL GIRDERS	DEPT	278,994
HASTINGS		BRIDGE OVER HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE SUPPLY & DELIVERY OF STEEL POSTS	DEPT	20
HASTINGS		BRIDGE OVER HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE SUPPLY & DELIVERY OF STEEL GIRDERS	DEPT	15,634
HASTINGS		HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE NINE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	240,599
HAWKESBURY		REDBANK CREEK ON THE KURMOND TO NORTH RICHMOND RD REINFORCED CONCRETE BRIDGE	COUNCIL	76,090
KEMPSEY		CONNERTION CREEK - DULTHANGI BRIDGE REINFORCED CONCRETE BRIDGE	COUNCIL	20,500
KEMPSEY		CONNERTION CREEK - DULTHANGI BRIDGE REINFORCED CONCRETE BRIDGE	COUNCIL	35,000
MACLEAN		MACLEAN BRIDGE TO REPLACE FERRIES	DEPT	6,300
MANILLA		MANILLA SPECIAL ASSISTANCE GRANT - RECONSTRUCTION	COUNCIL	4,900
MOREE PLAINS		MOORMIN CREEK ON THE COMBADELLO TO GURLEY RD, CARRINGTON REINFORCED CONCRETE BRIDGE	COUNCIL	18,080
MOREE PLAINS		MOORMIN CREEK ON THE COMBADELLO TO TYCANNAH RD, CARRINGTON REINFORCED CONCRETE BRIDGE	COUNCIL	12,907



## RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0004

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
MUDGEES		DAKEY CREEK 22.5 KM SOUTH OF MUDGEES REINFORCED CONCRETE BRIDGE	COUNCIL	28,507
NARRONGINE		5.5 KM WEST OF GIN GIN CULVERT BRIDGE SUBSIDY	COUNCIL	45,000
ORANGE		ANSON ST, ORANGE REINFORCED CONCRETE BRIDGE	COUNCIL	11,108
PARRY		WATSON S CREEK ON THE BENDEMEER TO KINGSTON RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	24,346
PARRY		WATSON S CREEK ON BENDEMEER TO KINGSTON RD REINFORCED CONCRETE BRIDGE	COUNCIL	162
RICHMOND RIVER		SANDY CREEK ON THE TATHAM TO ELLANGOWAY RD REINFORCED CONCRETE BRIDGE	COUNCIL	24,000
RYLSTONE		BLACKETTS CREEK AT GLEN ALICE RD FOUR CELL REINFORCED CONCPETE BOX CULVERT	COUNCIL	33,868
SCONE		WYBONG CREEK AT RIDGELANDS RD REINFORCED CONCRETE BRIDGE	COUNCIL	96,644
SNOWY RIVER		ALPINE WAY 22.0 KM TO 24.0 KM WEST OF JINDABYNE RECONSTRUCTION	DEPT	44,831
SNOWY RIVER		ALPINE WAY 15.7 KM TO 20.0 KM WEST OF JINDABYNE RECONSTRUCTION	DEPT	459,173
SNOWY RIVER		24.0 KM TO 26.5 KM WEST OF JINDABYNE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	605,165
SNOWY RIVER		ALPINE WAY 15.7 KM TO 20.0 KM WEST OF JINDABYNE RECONSTRUCTION	DEPT	38,556
TALLAGANDA		CORANG RIVER AT DALLIN RD REINFORCED CONCRETE BRIDGE	COUNCIL	2,723
TUMBARUMBA		TARCUTTA CREEK AT TARADALE RD SOUTH EAST OF TARCUTTA REINFORCED CONCRETE BRIDGE	COUNCIL	34,770
TUMBARUMBA		TUMBARUMBA RECONSTRUCTION TO SERVE PULPWOOD TRAFFIC	COUNCIL	900
TUMBARUMBA		TUMBARUMBA RECONSTRUCTION TO SERVE PULPWOOD TRAFFIC	COUNCIL	2,150

## RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0005

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
TUMUT		KILLIMICAT CREEK AT BRUNGLE RD, KILLIMICAT PRESTRESSED CONCRETE BRIDGE	COUNCIL	7,700
TUMUT		KILLIMICAT CREEK AT BRUNGLE RD, KILLIMICAT PRESTRESSED CONCRETE BRIDGE	COUNCIL	23,000
TUMUT		TUMUT RECONSTRUCTION TO SERVE PULPMOOD TRAFFIC	COUNCIL	64,925
TWEED		CORAKI CREEK AT KENNEDY DR, CORAKI REINFORCED CONCRETE BRIDGE	COUNCIL	7,054
TWEED		POTTSVILLE RD, MOOBALL INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	COUNCIL	1,250
ULMARRA		CHAMPION CREEK ON TUCABIA TO LOWER COLDSTREAM RD REINFORCED CONCRETE BRIDGE	COUNCIL	8,710
ULMARRA		SHERWOOD CREEK ON GLENREAGH TO CORINDI RD REINFORCED CONCRETE BRIDGE	COUNCIL	-5,011
ULMARRA		CHAMPION CREEK ON THE TUCABIA TO LOWER COLDSTREAM RD REINFORCED CONCRETE BRIDGE	COUNCIL	11,885
WAKOOL		UARA CREEK 2.7 KM NORTH OF SH14 PRESTRESSED CONCRETE BRIDGE	COUNCIL	14,250
WAKOOL		UARA CREEK 2.7 KM NORTH OF SH14 PRESTRESSED CONCRETE BRIDGE	COUNCIL	43,000
WALCHA		42.75 KM TO 48.76 KM SOUTH OF WALCHA FORMATION & GRAVELLING - PRELIMINARY WORKS	COUNCIL	555,290
WALGETT		PIAN CREEK 37.9 KM EAST OF WALGETT PRESTRESSED CONCRETE BRIDGE	COUNCIL	15,000
WALGETT		PIAN CREEK 37.9 KM EAST OF WALGETT PRESTRESSED CONCRETE BRIDGE	COUNCIL	10,000
WOLLONDILLY		NEPEAN RIVER AT COBBITY REINFORCED CONCRETE BRIDGE	COUNCIL	19,000
WOLLONDILLY		NEPEAN RIVER AT COBBITY REINFORCED CONCRETE BRIDGE	COUNCIL	25,628
WYONG		WYONG SPECIAL ASSISTANCE GRANT - RECONSTRUCTION	COUNCIL	209,500

## RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.00C6

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
WYONG		CHITTAWAY CREEK AT CHITTAWAY RD REINFORCED CONCRETE BRIDGE	COUNCIL	64,698
YALLARDI		MOSQUITO CREEK ON THE WARIALDA TO PALLAMALLAWA RD REINFORCED CONCRETE BRIDGE	COUNCIL	1,333
		TOTAL		4,674,819



## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	PESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
ALBURY	55,900				55,900
ARMIDALE	45,600				45,600
BALLINA	237,400	27,507			264,907
BALRANALD	236,900		-9,367		227,533
BARRABA	181,600				181,600
BATHURST	68,900				68,900
BEGA VALLEY	378,450				378,450
BELLINGEN	226,700	50,800			277,500
BERRIGAN	197,800				197,800
BINGARA	149,000	4,822			153,822
BLAND	417,400	19,395			436,795
BLAYNEY	197,200				197,200
BLUE MOUNTAINS	110,000				110,000
BOGAN	226,000				226,000
BOMBALA	219,700				219,700
BOOROWA	196,300				196,300
BOURKE	414,800	5,745			420,545
BREWARRINA	263,500				263,500
BROKEN HILL	46,600				46,600
BYRON	188,148				188,148
CABONNE	496,900				496,900
CARRATHOOL	299,500				299,500
CASINO	35,700				35,700
CENTRAL DARLING	309,000				309,000
COBAR	290,100		723		290,823

## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
COFFS HARBOUR	233,175				233,175
CONARGO	192,300				192,300
COOLAH	219,900	2,175			222,075
COOLAHON	223,200	10,965			234,165
COOMA-MONARO	297,400				297,400
COONABARABRAN	280,600				280,600
COONAMBLE	287,600				287,600
COOTAMUNDRA	156,700				156,700
COPMANHURST	196,700	2,700			199,400
CORDWA	182,000				182,000
COWRA	243,900				243,900
CROOKWELL	199,600				199,600
CULCAIRN	175,200				175,200
DENILIQUIN	38,300				38,300
DUBBO	313,800				313,800
DUMARESQ	230,538				230,538
DUNGO	226,500	5,890			232,390
EUROBODALLA	361,900				361,900
EVANS	354,900	2,273			357,173
FORBES	308,400				308,400
GILGANDRA	208,900				208,900
GLEN INNES	41,000				41,000
GLOUCESTER	217,900	16,534			234,434
GOSFORD	414,800				414,800
GOULBURN	49,800				49,800

## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
GRAFTON	72,900				72,900
GREAT LAKES	304,600				304,600
GREATER CESSNOCK	133,100				133,100
GREATER LITHGOW	186,700	8,811			195,511
GREATER TAPEE	452,100				452,100
GRIFFITH	261,400				261,400
GUNDAGAI	192,500				192,500
GUNNEDAH	324,200				324,200
GUNNING	133,800	20,093			153,893
GUYRA	222,000				222,000
HARDEN	178,300				178,300
HASTINGS	457,300	12,887			470,187
HAWKESBURY	239,400	-1,365			238,035
HAY	162,300				162,300
HOLBROOK	145,200	6,642			151,842
HUME	217,700				217,700
INVERELL	432,400	15,725			448,125
JERILDERIE	168,200				168,200
JUNEE	175,100				175,100
KEPPSEY	423,800	1,600			425,400
KYOGLE	285,800	1,021			286,821
LACHLAN	441,200				441,200
LEETON	193,400				193,400
LISMORE	427,300				427,300
LOCKHART	236,400				236,400



## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
LORD HOWE ISLAND	35,000				35,000
MACLEAN	224,000	28,150			252,150
MANILLA	153,200				153,200
MERRIWA	290,250	100,360			390,610
MOREE PLAINS	469,300	363,000			832,300
MUDGE E	331,200	8,546			339,746
MULWAREE	290,500				290,500
MURRAY	203,700				203,700
MURRUMBIDGEE	129,000				129,000
MURRURUNDI	164,600				164,600
MUSWELLBROOK	183,500				183,500
NAMBUCCA	308,200				308,200
NARRABRI	395,000				395,000
NARRANDERA	289,900				289,900
NARROMINE	245,700				245,700
NUNDLE	137,400				137,400
NYMBODA	217,800				217,800
OSERON	253,850				253,850
ORANGE	82,500				82,500
PARKES	317,300				317,300
PARRY	360,500				360,500
QUEANBEYAN	41,200				41,200
QUIRINDI	180,500				180,500
RICHMOND RIVER	319,100	20,951			340,051
RYLSTONE	144,350				144,350

## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
SCONE	218,200				218,200
SEVERN	290,700				290,700
SHOALHAVEN	431,800				431,800
SINGLETON	217,900				217,900
SNOWY RIVER	217,700				217,700
TALLAGANDA	166,700	12,375			179,075
TAMWORTH	55,800				55,800
TEMORA	236,200	19,446			255,646
TENTERFIELD	345,600				345,600
TUMBARUMBA	212,025				212,025
TUMUT	282,600	12,446			295,046
TWEED	389,800				389,800
ULMARRA	217,800	6,229			224,029
URALLA	262,200				262,200
URANA	170,800				170,800
WAGGA WAGGA	436,500				436,500
WAKOOL	273,400	50,760			324,160
WALCHA	231,000				231,000
WALGETT	402,900				402,900
WARREN	193,900				193,900
WEDDIN	198,900				198,900
WELLINGTON	228,800				228,800
WENTWORTH	334,800		11,823		346,623
WINDOURAN	133,200	-1,218			131,982
WINGECARRIBEE	414,400				414,400

## RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
WOLLONDILLY	218,000				218,000
WYONG	152,700				152,700
YALLAROI	253,500				253,500
YARROWLUMLA	156,900				156,900
YASS	267,300				267,300
YOUNG	202,300				202,300
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TOTAL	31,193,086	835,265	3,179		32,031,530
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## RURAL LOCAL ROADS - MAINTENANCE OF SPECIAL SUBSIDY BRIDGES

APPENDIX 6.4.0001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
BEGA VALLEY		CATHCART - ROCKY HALL - WYNDHAM ROAD AT TOWAMBA RIVER MAINTENANCE OF NEW BUILDINGS BRIDGE	DEPT	4,718
BEGA VALLEY		BRIDGE OVER TOWAMBA RIVER AT TOWAMBA MAINTENANCE OF SPECIAL SUBSIDY BRIDGES	DEPT	7,405
DUNGOB		ARMIDALE - KANGAROD HILLS RD AT GARA RIVER MAINTENANCE OF THALGARRAH BRIDGE	DEPT	12,045
EVANS		BATHURST-MONKEY HILL RD-RANKINS BRIDGE OVER MACQUARIE RIVER MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	4,093
FORBES		EUGOWRA - COWRA RD AT LACHLAN RIVER MAINTENANCE OF COLLETTS CROSSING BRIDGE	DEPT	25,027
GLOUCESTER		GLOUCESTER - GIRO RD AT BARRINGTON RIVER MAINTENANCE OF BARRINGTON BRIDGE	DEPT	61,828
GOULBURN		LANDSDOWNE BRIDGE OVER MULWAREE PONDS GOULBURN BUNSONIA ROAD MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	795
GREATER LITHGOW		STONEY POINT RD AT COX'S RIVER MAINTENANCE OF MCKANE'S BRIDGE	DEPT	66,459
INVERELL		INVERELL RAILWAY STATION AND MACINTYRE RIVER AT INVERELL MAINTENANCE OF INVERELL RAILWAY BRIDGE	DEPT	1,975
JUNEE		MUNDARLO BDG OVER MURRUMBIDGEE RVR JUNEE TUMBLONG ROAD MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	9
LACHLAN		GOOBANG CREEK AT CONDOBOLIN MAINTENANCE OF GOOBANG BRIDGE	DEPT	37,799
MAITLAND		LUSKINTYRE BRIDGE OVER HUNTER RIVER, LOCHINVAR MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	5,283
MOREE PLAINS		PALLAMALLAWA - BINIGUY RAILWAY STATION ROAD AT GWYDIR RIVER MAINTENANCE OF PALLAMALLAWA BRIDGE	DEPT	10,880
MUDGE		CUDESONG RIVER AT WILBERTREE FLAT MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	333
MUDGE		CULLENBONE - COBBORA RD AT WYALDRA CREEK MAINTENANCE OF BERYLE BRIDGE	DEPT	3,891
MULWAREE		ROSSI BRIDGE OVER WOLLONDILLY RIVER GOULBURN GRABEN GULLEN MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	46,233

## RURAL LOCAL ROADS - MAINTENANCE OF SPECIAL SUBSIDY BRIDGES (CONT'D)

APPENDIX 6.4.0002

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
MULWAREE		MUMMEL BRIDGE OVER WOLLONDILLY RIVER GOULBURN GRABEN GULLEN MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	736
MUSWELLBROOK		DENMAN - BAERAMI RD AT GOULBURN RIVER MAINTENANCE OF YARRAWA BRIDGE	DEPT	31,857
PORT STEPHENS		BRIDGE OVER PATERSON RIVER, MAITLAND MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	3,906
SEVERN		GLEN INNES - EMMAVILLE RD AT SEVERN RIVER MAINTENANCE OF FLADBURY BRIDGE	DEPT	787
SEVERN		GLEN INNES - NEWTON BOYD RD AT HENRY RIVER MAINTENANCE OF NEWTON BOYD BRIDGE	DEPT	9,986
SINGLETON		RAVENSWORTH - COORANGOOKA RD AT GLENNIE'S CREEK MAINTENANCE OF MIDDLE FALBROOK BRIDGE	DEPT	189
TALLAGANDA		BOMBAY BRIDGE OVER SHOALHAVEN RIVER BRAIDWOOD QUEANBEYAN RD MAINTENANCE OF SPECIAL SUBSIDY BRIDGE	DEPT	7,586
TWEED		BRIDGE OVER MCKENZIES CROSSING MIDDLE ARM TWEED RIVER MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	133,404
WELLINGTON		GEURIE - ARTHURVILLE RD AT MACQUARIE RIVER MAINTENANCE OF SCABBING FLAT BRIDGE	DEPT	289
WOLLONDILLY		STONEQUARRY CREEK, UPPER PICTON RD, PICTON MAINTENANCE OF VICTORIA BRIDGE	DEPT	51,316
		SUB-TOTAL		528,829

RURAL LOCAL ROADS - MISCELLANEOUS WORKS				APPENDIX 6.4.0003
LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
		RURAL LOCAL ROADS - FORESTRY COMMISSION OF N.S.W. PAYMENTS FOR CONSTRUCTION & MAINTENANCE OF FORESTRY ROADS		300,000
		RURAL LOCAL ROADS - SOIL CONSERVATION SERVICE OF N.S.W. PAYMENTS FOR ROADSIDE EROSION CONTROL		60,000
WESTERN DIVISION		UNCLASSIFIED RDS IN UNINCORPORATED AREA OF WESTERN DISTRICT CONSTRUCTION & MAINTENANCE	DEPT	427,406
		SUB-TOTAL		787,406
		TOTAL RURAL LOCAL ROADS		1,315,235



## SUMMARY OF EXPENDITURE - LOCAL ROADS

URBAN LOCAL ROAD	11,426,790
RURAL LOCAL ROAD	38,022,583
	-----
DIRECT WORKS EXPENDITURE	49,449,373
ENGINEERING ADMINISTRATION	220,000
	-----
TOTAL	49,669,373
	-----

## STATE ROADS SYSTEM - MAINTENANCE

STATE ROADS SYSTEM MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
FREEWAYS					
	F1 NORTH SYDNEY	DEPARTMENT		218,178	218,178
	F1 WARRINGAH	DEPARTMENT		62,274	62,274
TOTAL	F1			280,452	280,452
	F3 GOSFORD	DEPARTMENT	493,129	104,858	597,987
	F3 HORNSEY	DEPARTMENT	309,503	69,428	378,931
	F3 HUNTERS HILL	DEPARTMENT		421,782	421,782
TOTAL	F3		802,632	596,068	1,398,700
	F4 AUBURN	DEPARTMENT		214	214
	F4 BLACKTOWN	DEPARTMENT		2,831	2,831
	F4 PENRITH	DEPARTMENT		9,539	9,539
	F4 SYDNEY	DEPARTMENT		35,182	35,182
TOTAL	F4			47,766	47,766
	F5 CAMPBELLTOWN	DEPARTMENT	421,336		421,336
	F5 WINGECARRIGEE	DEPARTMENT	278,723		278,723
	F5 WOLLONDILLY	DEPARTMENT	606,580		606,580
TOTAL	F5		1,306,639		1,306,639
	F6 SUTHERLAND	DEPARTMENT		92,685	92,685
	F6 WOLLONGONG	DEPARTMENT		1,032,059	1,032,059
TOTAL	F6			1,124,744	1,124,744
	F7 SYDNEY	DEPARTMENT		7,056	7,056
	F7 WOOLLAHRA	DEPARTMENT		4,572	4,572
TOTAL	F7			11,628	11,628
	F8 WOLLONGONG	DEPARTMENT		31,193	31,193
TOTAL	F8			31,193	31,193
TOTAL FREEWAYS			2,109,271	2,091,851	4,201,122

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
STATE HIGHWAYS					
1	BEGA VALLEY	DEPARTMENT		943,743	943,743
1	EUROBODALLA	DEPARTMENT		900,510	900,510
1	KIAMA	DEPARTMENT		447,577	447,577
1	KOGARAH	DEPARTMENT		9,623	9,623
1	MARRICKVILLE	DEPARTMENT		62,720	62,720
1	ROCKDALE	DEPARTMENT		39,214	39,214
1	SHELLHARBOUR	DEPARTMENT		107,641	107,641
1	SHOALHAVEN	DEPARTMENT		1,079,784	1,079,784
1	SUTHERLAND	DEPARTMENT		208,356	208,356
1	SYDNEY	COUNCIL		1,255	1,255
1	WOLLONGONG	DEPARTMENT		67,158	67,158
1	WOLLONGONG	COUNCIL		39,109	39,109
1	WOLLONGONG	DEPARTMENT		583,640	583,640
TOTAL	1			4,490,330	4,490,330
2	ALBURY	DEPARTMENT	78,342		78,342
2	ASHFIELD	DEPARTMENT		15,559	15,559
2	BANKSTOWN	DEPARTMENT		175,291	175,291
2	BURWOOD	DEPARTMENT		46,850	46,850
2	CAMDEN	DEPARTMENT		340,582	340,582
2	FAIRFIELD	DEPARTMENT		74,959	74,959
2	GOULBURN	DEPARTMENT	44,966		44,966
2	GOULBURN	COUNCIL	182,231		182,231
2	GUNDAGAI	DEPARTMENT	763,090		763,090
2	GUNNING	DEPARTMENT	387,830		387,830
2	HARDEN	DEPARTMENT	295,221		295,221
2	HOLBROOK	DEPARTMENT	69,141		69,141
2	HUME	DEPARTMENT	391,888		391,888
2	LIVERPOOL	DEPARTMENT	10,334	402,562	412,896
2	MULWARRIE	DEPARTMENT	500,677		500,677
2	STRATHFIELD	DEPARTMENT		118,625	118,625
2	WAGGA WAGGA	DEPARTMENT	716,299		716,299
2	WENTWORTH	DEPARTMENT		4,682	4,682
2	WINGECARRIBEE	DEPARTMENT	794,631		794,631
2	WOLLONDILLY	DEPARTMENT		8,862	8,862
2	WOLLONDILLY	COUNCIL		157,618	157,618
2	WOLLONDILLY	DEPARTMENT		16,216	16,216
2	WOLLONDILLY	COUNCIL		72,474	72,474
2	WOLLONDILLY	DEPARTMENT		45	45
2	YASS	DEPARTMENT	562,775		562,775
TOTAL	2		4,797,425	1,434,325	6,231,750
3	GUNNING	DEPARTMENT	373,110		373,110



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	3	MULWAREE	DEPARTMENT	219,394	219,394
	3	YARROWLUMLA	DEPARTMENT	140,037	140,037
	3			732,541	732,541
TOTAL	4	BEGA VALLEY	DEPARTMENT	535,442	535,442
	4	COOMA-MONARO	DEPARTMENT	30,104	30,104
	4	COOMA-MONARO	COUNCIL	24,271	24,271
	4	GUNDAGAI	DEPARTMENT	37,903	37,903
	4	SNOWY RIVER	DEPARTMENT	489,318	489,318
	4	TUMUT	DEPARTMENT	543,762	543,762
	4			1,660,800	1,660,800
TOTAL	5	ASHFIELD	DEPARTMENT	75,351	75,351
	5	AUBURN	DEPARTMENT	99,620	99,620
	5	BATHURST	DEPARTMENT	113,979	113,979
	5	BLACKTOWN	DEPARTMENT	388,430	388,430
	5	BLUE MOUNTAINS	DEPARTMENT	678,799	678,799
	5	BURWOOD	DEPARTMENT	21,475	21,475
	5	CONCORD	DEPARTMENT	21,475	21,475
	5	DRUMMOYNE	DEPARTMENT	9,163	9,163
	5	EVANS	DEPARTMENT	180,981	180,981
	5	GREATER LITHGOW	DEPARTMENT	412,006	412,006
	5	HOLROYD	DEPARTMENT	134,708	134,708
	5	LEICHHARDT	DEPARTMENT	49,016	49,016
	5	MARRICKVILLE	DEPARTMENT	2,175	2,175
	5	PARRAMATTA	DEPARTMENT	64,426	64,426
	5	PENRITH	DEPARTMENT	536,280	536,280
	5	STRATHFIELD	DEPARTMENT	48,986	48,986
	5	SYDNEY	DEPARTMENT	185	185
	5	SYDNEY	COUNCIL	6,930	6,930
	5			2,843,985	2,843,985
TOTAL	6	BATHURST	DEPARTMENT	7,329	7,329
	6	BLAND	DEPARTMENT	185,201	185,201
	6	BLAYNEY	DEPARTMENT	457,581	457,581
	6	CARRATHOOL	DEPARTMENT	266,788	266,788
	6	COWRA	COUNCIL	164,498	164,498
	6	COWRA	DEPARTMENT	31,528	31,528
	6	EVANS	DEPARTMENT	137,792	137,792
	6	HAY	DEPARTMENT	117,636	117,636
	6	HAY	COUNCIL	1,663	1,663
	6	WEDDIN	COUNCIL	265,269	265,269
	6			1,635,285	1,635,285

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
7	BATHURST	DEPARTMENT		18,401	18,401
7	BOGAN	COUNCIL		18	18
7	BOGAN	DEPARTMENT		190,717	190,717
7	BOGAN	COUNCIL		2,555	2,555
7	BOURKE	DEPARTMENT		648,273	648,273
7	CABONNE	DEPARTMENT		427,659	427,659
7	DUBBO	DEPARTMENT		194,603	194,603
7	EVANS	DEPARTMENT		223,320	223,320
7	NARROMINE	DEPARTMENT		232,654	232,654
7	ORANGE	DEPARTMENT		119,588	119,588
7	ORANGE	COUNCIL		55,296	55,296
7	WARREN	DEPARTMENT		180,209	180,209
7	WELLINGTON	DEPARTMENT		316,365	316,365
TOTAL	7			2,609,658	2,609,658
8	BOGAN	DEPARTMENT		97,513	97,513
8	BROKEN HILL	DEPARTMENT		987	987
8	BROKEN HILL	COUNCIL		1,947-	1,947-
8	BROKEN HILL	DEPARTMENT		4,122	4,122
8	BROKEN HILL	COUNCIL		26,450	26,450
8	BROKEN HILL	DEPARTMENT		4,015	4,015
8	CENTRAL DARLING	DEPARTMENT		483,188	483,188
8	CENTRAL DARLING	COUNCIL		20	20
8	CENTRAL DARLING	DEPARTMENT		6,398	6,398
8	COBAR	DEPARTMENT		589,702	589,702
8	COBAR	COUNCIL		1,201	1,201
8	WESTERN DIVISION	DEPARTMENT		534,413	534,413
TOTAL	8			1,746,062	1,746,062
9	ARMIDALE	COUNCIL	77,030		77,030
9	DUMARESQ	DEPARTMENT	51,526		51,526
9	GLEN INNES	DEPARTMENT	58,527		58,527
9	GLEN INNES	COUNCIL	1,652		1,652
9	GREATER CESSNOCK	DEPARTMENT	203,565		203,565
9	GUYPA	DEPARTMENT	210,450		210,450
9	MAITLAND	COUNCIL	46,265		46,265
9	MAITLAND	DEPARTMENT	480,783		480,783
9	MURRURUNDI	DEPARTMENT	177,299		177,299
9	MUSWELLBROOK	DEPARTMENT	204,722		204,722
9	MUSWELLBROOK	COUNCIL	7,032		7,032
9	MUSWELLBROOK	COUNCIL	223		223
9	NEWCASTLE	DEPARTMENT	72,990		72,990
9	NUNDLE	DEPARTMENT	61,827		61,827
9	PARRY	DEPARTMENT	859,016		859,016
9	QUIRINDI	DEPARTMENT	134,565		134,565
9	SCONE	DEPARTMENT	185,214		185,214

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
9	SEVERN	DEPARTMENT	358,103		358,103
9	SINGLETON	DEPARTMENT	64,771		64,771
9	SINGLETON	COUNCIL	8,377		8,377
9	SINGLETON	DEPARTMENT	332,070		332,070
9	TAMWORTH	DEPARTMENT	104,984		104,984
9	TAMWORTH	COUNCIL	80,937		80,937
9	TENTERFIELD	DEPARTMENT	362,521		362,521
9	TENTERFIELD	COUNCIL	26,543		26,543
9	TENTERFIELD	DEPARTMENT	67,649		67,649
9	URALLA	DEPARTMENT	54,714		54,714
TOTAL	9		4,293,405		4,293,405
10	BALLINA	COUNCIL		1,187	1,187
10	BALLINA	DEPARTMENT		394,493	394,493
10	BALLINA	COUNCIL		15,601	15,601
10	BELLINGEN	DEPARTMENT		245,781	245,781
10	BYRON	DEPARTMENT		220,113	220,113
10	COFFS HARBOUR	DEPARTMENT		493,310	493,310
10	COFFS HARBOUR	COUNCIL		32,615	32,615
10	GOSFORD	COUNCIL		26	26
10	GOSFORD	COUNCIL		2,718	2,718
10	GOSFORD	DEPARTMENT	3,288	660,121	663,409
10	GRAFTON	DEPARTMENT		67,228	67,228
10	GREAT LAKES	DEPARTMENT		648,467	648,467
10	GREATER TAREE	DEPARTMENT		1,016,058	1,016,058
10	GREATER TAREE	COUNCIL		24,207	24,207
10	HASTINGS	DEPARTMENT		293,684	293,684
10	HORNSEY	DEPARTMENT	19,392	566,572	585,964
10	KEMPSEY	DEPARTMENT		285,810	285,810
10	KEMPSEY	COUNCIL		15,220	15,220
10	KEMPSEY	DEPARTMENT		35,227	35,227
10	KU-RING-GAI	DEPARTMENT		296,142	296,142
10	LAKE MACQUARIE	DEPARTMENT	175,386	399,012	574,404
10	LANE COVE	DEPARTMENT		50,975	50,975
10	MACLEAN	DEPARTMENT		456,355	456,355
10	NAMBUCCA	DEPARTMENT		614,111	614,111
10	NEWCASTLE	DEPARTMENT		57,908	57,908
10	NEWCASTLE	COUNCIL		182,874	182,874
10	NEWCASTLE	DEPARTMENT		13,880	13,880
10	NEWCASTLE	COUNCIL	16,771		16,771
10	NORTH SYDNEY	DEPARTMENT		61,463	61,463
10	PORT STEPHENS	DEPARTMENT		559,857	559,857
10	RICHMOND RIVER	DEPARTMENT		576,852	576,852
10	TWEED	DEPARTMENT		71,990	71,990
10	TWEED	COUNCIL		2,362	2,362
10	TWEED	DEPARTMENT		308,082	308,082
10	TWEED	COUNCIL		2,362	2,362
10	TWEED	DEPARTMENT		35,995	35,995



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
10	TWEED	COUNCIL		16,539	16,539
10	TWEED	DEPARTMENT		35,995	35,995
10	ULMARRA	DEPARTMENT		570,770	570,770
10	WILLOUGHBY	DEPARTMENT		95,547	95,547
10	WYONG	DEPARTMENT	608,435	49,350	657,785
TOTAL	10		823,272	9,472,147	10,295,419
11	COONABARABRAN	DEPARTMENT		766,295	766,295
11	GILGANDRA	DEPARTMENT		388,278	388,278
11	GUNNEDAH	COUNCIL		141,469	141,469
11	HASTINGS	DEPARTMENT		12,869	12,869
11	HASTINGS	COUNCIL		3,777	3,777
11	HASTINGS	DEPARTMENT		163,265	163,265
11	HASTINGS	COUNCIL		11,959	11,959
11	HASTINGS	DEPARTMENT		529,595	529,595
11	PARRY	DEPARTMENT		121,331	121,331
11	PARRY	COUNCIL		166,992	166,992
11	TAMWORTH	COUNCIL		50,238	50,238
11	URALLA	DEPARTMENT		9,256	9,256
11	WALCHA	DEPARTMENT		432,920	432,920
11	WARREN	DEPARTMENT		118,118	118,118
TOTAL	11			2,916,362	2,916,362
12	GLEN INNES	COUNCIL		13,242	13,242
12	GRAFTON	DEPARTMENT		11,794	11,794
12	INVERELL	COUNCIL		199,294	199,294
12	INVERELL	DEPARTMENT		1,612	1,612
12	MOREE PLAINS	COUNCIL		120,167	120,167
12	MOREE PLAINS	DEPARTMENT		34,900	34,900
12	MOREE PLAINS	COUNCIL		523	523
12	MOREE PLAINS	DEPARTMENT		381,223	381,223
12	NYMEGIDA	DEPARTMENT		500,390	500,390
12	SEVERN	DEPARTMENT		327,518	327,518
12	SEVERN	COUNCIL		23,321	23,321
12	WALGETT	COUNCIL		14,357	14,357
12	WALGETT	DEPARTMENT		77,562	77,562
12	YALLAROI	DEPARTMENT		33,821	33,821
12	YALLAROI	COUNCIL		32,805	32,805
12	YALLAROI	COUNCIL		124,807	124,807
12	YALLAROI	DEPARTMENT		32,830	32,830
TOTAL	12			1,930,166	1,930,166
13	BANKSTOWN	DEPARTMENT		95,445	95,445
13	BAULKHAM HILLS	DEPARTMENT		53,578	53,578

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
13	FAIRFIELD	DEPARTMENT		95,445	95,445
13	HOLROYD	DEPARTMENT		2,651	2,651
13	HORNSEY	DEPARTMENT		357,184	357,184
13	PARRAMATTA	DEPARTMENT		309,235	309,235
TOTAL	13			913,538	913,538
14	BALRANALD	DEPARTMENT		305,981	305,981
14	BALRANALD	COUNCIL		13,264	13,264
14	HAY	DEPARTMENT		730,228	730,228
14	MURRUMBIDGEE	DEPARTMENT		563,613	563,613
14	NARRANDERA	DEPARTMENT		426,827	426,827
14	WAGGA WAGGA	DEPARTMENT		508,927	508,927
14	WAGGA WAGGA	COUNCIL		2,094	2,094
14	WAGGA WAGGA	DEPARTMENT		1,006	1,006
14	WAGGA WAGGA	COUNCIL		31,523	31,523
14	WAGGA WAGGA	DEPARTMENT		3,553	3,553
14	WAKOOL	DEPARTMENT		144,388	144,388
14	WENTWORTH	DEPARTMENT		247,407	247,407
TOTAL	14			2,978,816	2,978,816
15	YARROWLUMLA	DEPARTMENT	113,001		113,001
15	YASS	DEPARTMENT	24,464		24,464
TOTAL	15		137,465		137,465
16	GALLINA	COUNCIL		61,104	61,104
16	CASINO	COUNCIL		6,279	6,279
16	CASINO	DEPARTMENT		52,363	52,363
16	INVERELL	COUNCIL		148,231	148,231
16	KYOGLE	DEPARTMENT		179,086	179,086
16	LISMORE	DEPARTMENT		35,995	35,995
16	LISMORE	COUNCIL		181,728	181,728
16	MOREE PLAINS	COUNCIL		26,840	26,840
16	RICHMOND RIVER	DEPARTMENT		86,736	86,736
16	RICHMOND RIVER	COUNCIL		51,640	51,640
16	TENTERFIELD	DEPARTMENT		851,376	851,376
16	TENTERFIELD	COUNCIL		3,262	3,262
16	TENTERFIELD	DEPARTMENT		64,524	64,524
16	TENTERFIELD	COUNCIL		3,270-	3,270-
16	TENTERFIELD	DEPARTMENT		111,825	111,825
16	YALLAROI	COUNCIL		34,273	34,273
TOTAL	16			1,691,992	1,691,992

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
17	BERRIGAN	DEPARTMENT		560,033	560,033
17	BLAND	DEPARTMENT		148,513	148,513
17	COOLAMON	DEPARTMENT		224,533	224,533
17	COONABARABRAN	DEPARTMENT		46,375	46,375
17	DUBBO	DEPARTMENT		310,930	310,930
17	FORBES	COUNCIL		173,098	173,098
17	GILGANDRA	DEPARTMENT		284,838	284,838
17	JERILDERIE	DEPARTMENT		98,781	98,781
17	MOREE PLAINS	COUNCIL		5,164	5,164
17	MOREE PLAINS	DEPARTMENT		767,699	767,699
17	NARRABRI	DEPARTMENT		180,396	180,396
17	NARRABRI	COUNCIL		30,012	30,012
17	NARRABRI	DEPARTMENT		486,688	486,688
17	NARRANDERA	DEPARTMENT		242,785	242,785
17	NARROMINE	DEPARTMENT		228,305	228,305
17	PARKES	DEPARTMENT		418,559	418,559
17	URANA	DEPARTMENT		180,039	180,039
17	WEDDIN	DEPARTMENT		49,715	49,715
TOTAL	17			4,436,463	4,436,463
18	BREWARRINA	DEPARTMENT		9,779	9,779
18	BREWARRINA	COUNCIL		5,436	5,436
18	COONAMBLE	DEPARTMENT		620,980	620,980
18	GILGANDRA	DEPARTMENT		402,252	402,252
18	WALGETT	COUNCIL		38,559	38,559
18	WALGETT	DEPARTMENT		841,523	841,523
TOTAL	18			1,918,529	1,918,529
19	BOMBALA	COUNCIL		182,344	182,344
19	BOMBALA	DEPARTMENT		73,580	73,580
19	COOMA-MONARO	DEPARTMENT		499,065	499,065
19	YARROWLUNLA	DEPARTMENT		48,895	48,895
TOTAL	19			803,884	803,884
20	ALBURY	DEPARTMENT		28,711	28,711
20	BERRIGAN	DEPARTMENT		185,568	185,568
20	CONARGO	DEPARTMENT		124,773	124,773
20	COROWA	DEPARTMENT		59,133	59,133
20	DENILIKUIN	COUNCIL		2,174	2,174
20	DENILIKUIN	DEPARTMENT		112,218	112,218
20	HUME	DEPARTMENT		386,530	386,530
TOTAL	20			899,107	899,107



## STATE ROADS SYSTEM - MAINTENANCE

		SOURCE OF FUNDS			
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
21	CARRATHOOL	DEPARTMENT		40,160	40,160
21	CENTRAL DARLING	COUNCIL		1,062-	1,062-
21	CENTRAL DARLING	DEPARTMENT		816	816
21	CENTRAL DARLING	COUNCIL		26,693	26,693
21	CENTRAL DARLING	DEPARTMENT		371,493	371,483
21	DENILIKUIN	DEPARTMENT		6,053	6,053
21	DENILIKUIN	COUNCIL		23,874	23,874
21	HAY	DEPARTMENT		309,717	309,717
21	HAY	COUNCIL		2,174	2,174
21	HAY	COUNCIL		89	89
21	HAY	DEPARTMENT		11,704	11,704
21	MURRAY	DEPARTMENT		194,890	194,890
21	WINDOURAN	DEPARTMENT		156,249	156,249
TOTAL	21			1,142,840	1,142,840
22	BROKEN HILL	COUNCIL		5,678	5,678
22	BROKEN HILL	DEPARTMENT		1,771	1,771
22	BROKEN HILL	COUNCIL		33,203	33,203
22	WENTWORTH	DEPARTMENT		1,383	1,383
22	WENTWORTH	COUNCIL		14,133	14,133
22	WENTWORTH	DEPARTMENT		669,847	669,847
22	WESTERN DIVISION	DEPARTMENT		778,927	778,927
TOTAL	22			1,504,942	1,504,942
23	LAKE MACQUARIE	COUNCIL		10,168	10,168
23	NEWCASTLE	COUNCIL		12,816	12,816
TOTAL	23			22,984	22,984
25	SHELLHARBOUR	DEPARTMENT		226,659	226,659
25	WINGECARRIBEE	DEPARTMENT		428,924	428,924
TOTAL	25			655,583	655,583
26	GOSFORD	DEPARTMENT	476,597		476,597
26	WYONG	DEPARTMENT	80,040		80,040
TOTAL	26		556,637		556,637

TOTAL STATE HIGHWAYS

11,340,745

47,907,798

59,248,543

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TRUNK ROADS					
	51	EUROBODALLA	COUNCIL	85,632	85,632
	51	QUEANBEYAN	COUNCIL	17	17
	51	QUEANBEYAN	DEPARTMENT	914	914
	51	QUEANBEYAN	COUNCIL	34,723	34,723
	51	TALLAGANDA	COUNCIL	143,560	143,560
	51	TALLAGANDA	DEPARTMENT	10,056	10,056
	51	TALLAGANDA	COUNCIL	14,845	14,845
	51	YARROWLUMLA	COUNCIL	77,544	77,544
TOTAL	51			367,291	367,291
	52	CROOKWELL	COUNCIL	40,548	40,548
	52	GUNNING	COUNCIL	78,784	78,784
	52	GUNNING	DEPARTMENT	3,314	3,314
	52	QUEANBEYAN	COUNCIL	20,675	20,675
	52	YARROWLUMLA	COUNCIL	27,757	27,757
	52	YASS	COUNCIL	9,366	9,366
TOTAL	52			180,444	180,444
	54	BATHURST	COUNCIL	128,880	128,880
	54	CROOKWELL	COUNCIL	144,550	144,550
	54	EVANS	COUNCIL	232,657	232,657
	54	EVANS	DEPARTMENT	7,624	7,624
	54	GOULBURN	COUNCIL	11,713	11,713
	54	GOULBURN	DEPARTMENT	1,229	1,229
	54	MULWAREE	COUNCIL	20,088	20,088
	54	RYLSTONE	COUNCIL	92,841	92,841
TOTAL	54			639,582	639,582
	55	COOLAH	COUNCIL	854	854
	55	COOLAH	COUNCIL	171,980	171,980
	55	COOMABARRABRAN	COUNCIL	14,954	14,954
	55	GREATER LITHGOW	DEPARTMENT	505,053	505,053
	55	MUDGEES	COUNCIL	348,299	348,299
	55	RYLSTONE	COUNCIL	215,163	215,163
TOTAL	55			1,256,303	1,256,303
	56	BOOROWA	COUNCIL	67,470	67,470
	56	COWRA	COUNCIL	43,486	43,486
	56	FORBES	COUNCIL	58,436	58,436

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 56	YASS	COUNCIL		62,394	62,394
				231,786	231,786
57	BLAND	COUNCIL		124,835	124,835
57	BOGAN	COUNCIL		84,710	84,710
57	JUNEE	COUNCIL		160,818	160,818
57	LACHLAN	COUNCIL		207,649	207,649
57	TEMORA	COUNCIL		94,864	94,864
TOTAL 57				672,876	672,876
59	JERILDERIE	COUNCIL		7,208	7,208
59	LOCKHART	COUNCIL		133,494	133,494
59	URANA	COUNCIL		57,539	57,539
59	WAGGA WAGGA	COUNCIL		6,814	6,814
TOTAL 59				205,055	205,055
61	BOGAN	COUNCIL		15,329	15,329
61	CABONNE	COUNCIL		120,482	120,482
61	COBAR	COUNCIL		123,250	123,250
61	LACHLAN	COUNCIL		133,075	133,075
61	ORANGE	COUNCIL		12,905	12,905
61	PARKES	COUNCIL		179,130	179,130
TOTAL 61				584,171	584,171
62	COOLAH	COUNCIL		67,187	67,187
62	MERRIWA	COUNCIL		136,053	136,053
62	SCONE	COUNCIL		52,011	52,011
TOTAL 62				255,251	255,251
63	BARRABA	COUNCIL		79,293	79,293
63	BINGARA	COUNCIL		106,462	106,462
63	BINGARA	DEPARTMENT		3,356	3,356
63	INVERELL	COUNCIL		33,542	33,542
63	MANILLA	COUNCIL		82,810	82,810
63	MANILLA	DEPARTMENT		4,667	4,667
63	PARRY	COUNCIL		75,711	75,711
63	TAMWORTH	COUNCIL		10,756	10,756
63	YALLAROI	COUNCIL		118,824	118,824
TOTAL 63				515,421	515,421



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	65	BYRON	COUNCIL	183,037	183,037
	65	LISMORE	COUNCIL	106,709	106,709
	65			289,746	289,746
TOTAL	66	BROKEN HILL	COUNCIL	3,149	3,149
	66	CENTRAL DARLING	COUNCIL	10,356	10,356
	66	WESTERN DIVISION	DEPARTMENT	281,357	281,357
	66			294,862	294,862
TOTAL	67	BALRANALD	COUNCIL	135,734	135,734
	67	CENTRAL DARLING	COUNCIL	11,231	11,231
	67	WAKOOL	COUNCIL	68,516	68,516
	67			215,481	215,481
TOTAL	68	BOURKE	COUNCIL	78,355	78,355
	68	BREWARRINA	COUNCIL	15,624	15,624
	68	BREWARRINA	COUNCIL	49,526	49,526
	68	CENTRAL DARLING	COUNCIL	11,212-	11,212-
	68	CENTRAL DARLING	COUNCIL	13,920-	13,920-
	68	CENTRAL DARLING	DEPARTMENT	2,121	2,121
	68	CENTRAL DARLING	COUNCIL	123,110	123,110
	68	COBAR	COUNCIL	16,774-	16,774-
	68	WALGETT	COUNCIL	44,999	44,999
	68	WALGETT	DEPARTMENT	28,724	28,724
	68	WALGETT	COUNCIL	109,478	109,478
	68	WENTWORTH	DEPARTMENT	4,789	4,789
	68	WENTWORTH	COUNCIL	3,207	3,207
	68	WENTWORTH	COUNCIL	163,782	163,782
	68			581,809	581,809
TOTAL	70	BOGAN	COUNCIL	18,482	18,482
	70	BREWARRINA	COUNCIL	26,427	26,427
	70	BREWARRINA	DEPARTMENT	125,328	125,328
	70	BREWARRINA	COUNCIL	168,995	168,995
TOTAL	72	GUNNEDAH	COUNCIL	325,562	325,562
	72	MURRURUNDI	COUNCIL	1,120	1,120
	72	NARRABRI	COUNCIL	313,974	313,974
	72	QUIRINDI	COUNCIL	97,380	97,380

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	72			738,036	738,036
	73	GUYRA	COUNCIL	33,898	33,898
	73	INVERELL	COUNCIL	54,790	54,790
	73	URALLA	COUNCIL	4,445-	4,445-
	73	URALLA	COUNCIL	170,042	170,042
	73	WALCHA	COUNCIL	39,531	39,531
TOTAL	73			293,816	293,816
	74	ARMIDALE	COUNCIL	2,601	2,601
	74	DUMARESQ	COUNCIL	187,990	187,990
	74	GRAFTON	COUNCIL	50,276	50,276
	74	NYMBOIDA	DEPARTMENT	30,128	30,128
	74	NYMBOIDA	COUNCIL	163,879	163,879
	74	ULMARRA	COUNCIL	59,767	59,767
TOTAL	74			494,641	494,641
	75	DUMARESQ	COUNCIL	152,596	152,596
	75	KEMPSEY	DEPARTMENT	11,457	11,457
	75	KEMPSEY	COUNCIL	116,381	116,381
TOTAL	75			280,434	280,434
	76	BELLINGEN	COUNCIL	332,007	332,007
	76	NYMBOIDA	COUNCIL	26,707	26,707
TOTAL	76			358,714	358,714
	77	COOLAH	COUNCIL	99,149	99,149
	77	GILGANDRA	COUNCIL	49,474	49,474
TOTAL	77			148,623	148,623
	78	ALBURY	COUNCIL	3,476-	3,476-
	78	COOTAMUNDRA	COUNCIL	124,727	124,727
	78	COWRA	COUNCIL	60,352	60,352
	78	CULCAIRN	COUNCIL	103,683	103,683
	78	HARDEN	COUNCIL	57,312	57,312
	78	HUME	COUNCIL	61,925	61,925
	78	JUNEE	COUNCIL	118,979	118,979
	78	LOCKHART	COUNCIL	79,972	79,972

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
78	WAGGA WAGGA	COUNCIL		8,117	8,117
78	WAGGA WAGGA	DEPARTMENT		50,971	50,971
78	WAGGA WAGGA	COUNCIL		163,459	163,459
78	YOUNG	COUNCIL		113,477	113,477
TOTAL	78			939,498	939,498
79	GOULBURN	COUNCIL		4,892	4,892
79	GOULBURN	DEPARTMENT		14,517	14,517
79	GOULBURN	COUNCIL		780-	780-
79	MULWAREE	COUNCIL		50,204	50,204
79	TALLAGANDA	COUNCIL		37,997	37,997
TOTAL	79			106,830	106,830
80	CARRATHOOL	COUNCIL		142,325	142,325
80	CENTRAL DARLING	COUNCIL		35-	35-
80	LEETON	COUNCIL		94,531	94,531
80	NARRANDERA	COUNCIL		8,732	8,732
80	WADE	COUNCIL		106,635	106,635
TOTAL	80			352,188	352,188
81	BROKEN HILL	COUNCIL		18,911	18,911
81	BROKEN HILL	COUNCIL		9,295	9,295
81	WESTERN DIVISION	DEPARTMENT		80,781	80,781
TOTAL	81			108,987	108,987
82	NEWCASTLE	COUNCIL		47,682	47,682
TOTAL	82			47,682	47,682
83	CASINO	COUNCIL		17,408	17,408
83	COPMANHURST	COUNCIL		184,402	184,402
83	COPMANHURST	DEPARTMENT		34,689	34,689
83	GRAFTON	COUNCIL		4,028	4,028
83	GRAFTON	DEPARTMENT		65,370	65,370
83	GRAFTON	COUNCIL		13,516	13,516
83	KYOGLE	COUNCIL		423,379	423,379
83	RICHMOND RIVER	COUNCIL		122,162	122,162
TOTAL	83			864,954	864,954



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
84	COOTAMUNDRA	COUNCIL		132,865	132,865
84	HARDEN	COUNCIL		89,776	89,776
84	TEMORA	COUNCIL		56,984	56,984
84	YASS	COUNCIL		115,636	115,636
TOTAL	84			395,261	395,261
85	HOLBROOK	COUNCIL		10,343	10,343
85	TUMBARUMBA	COUNCIL		30	30
85	TUMBARUMBA	DEPARTMENT		1,868	1,868
85	TUMBARUMBA	COUNCIL		104,653	104,653
85	TUMUT	COUNCIL		118,996	118,996
TOTAL	85			235,890	235,890
86	COROWA	COUNCIL		9,132	9,132
86	COROWA	DEPARTMENT		6,411	6,411
86	COROWA	COUNCIL		1,635	1,635
86	COROWA	DEPARTMENT		36,896	36,896
TOTAL	86			54,074	54,074
87	COOTAMUNDRA	COUNCIL		31,048	31,048
87	GUNDAGAI	COUNCIL		54,220	54,220
TOTAL	87			85,268	85,268
89	NARROMINE	COUNCIL		8,255	8,255
TOTAL	89			8,255	8,255
90	GLOUCESTER	COUNCIL		77,406	77,406
90	GREAT LAKES	DEPARTMENT		101	101
90	GREAT LAKES	COUNCIL		129,373	129,373
90	GREATER TAREE	COUNCIL		115,240	115,240
90	PORT STEPHENS	COUNCIL		783	783
TOTAL	90			322,903	322,903
91	BEGA VALLEY	COUNCIL		61,106	61,106
91	BOMBALA	COUNCIL		36,603	36,603
91	BOMBALA	DEPARTMENT		7,606	7,606
91	BOMBALA	COUNCIL		1,147-	1,147-

## STATE ROADS SYSTEM - MAINTENANCE

		LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
ROAD				COMMONWEALTH	STATE	
				\$	\$	\$
TOTAL	91				104,168	104,168
	92	SHOALHAVEN	COUNCIL		63,346	63,346
	92	TALLAGANDA	COUNCIL		73,072	73,072
	92	TALLAGANDA	DEPARTMENT		12,429	12,429
TOTAL	92				148,847	148,847
	93	BOMBALA	COUNCIL		45,762	45,762
TOTAL	93				45,762	45,762
	94	DENILIKUIN	COUNCIL		12,771	12,771
	94	MURRAY	COUNCIL		62,663	62,663
	94	WAKOOL	DEPARTMENT		84,271	84,271
	94	WAKOOL	COUNCIL		3,565-	3,565-
	94	WAKOOL	DEPARTMENT		2,836	2,836
	94	WAKOOL	COUNCIL		165,425	165,425
	94	WAKOOL	DEPARTMENT		5,680	5,680
TOTAL	94				330,081	330,081
	95	WOLLONDILLY	COUNCIL		99,685	99,685
	95	WOLLONDILLY	DEPARTMENT		347	347
	95	WOLLONGONG	DEPARTMENT		429,507	429,507
TOTAL	95				529,539	529,539
TOTAL TRUNK ROADS					13,623,761	13,623,761

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
MAIN ROADS					
101	DUNGOG	COUNCIL		94,872	94,872
101	DUNGOG	DEPARTMENT		59,488	59,488
101	GREAT LAKES	COUNCIL		11,035	11,035
101	MAITLAND	COUNCIL		28,719-	28,719-
101	MAITLAND	COUNCIL		83,864	83,864
TOTAL 101				220,540	220,540
102	MAITLAND	DEPARTMENT		63,541	63,541
102	MAITLAND	COUNCIL		60,577	60,577
102	PORT STEPHENS	COUNCIL		11,024	11,024
TOTAL 102				135,142	135,142
104	MAITLAND	COUNCIL		187,846	187,846
104	PORT STEPHENS	COUNCIL		10,392	10,392
TOTAL 104				198,238	198,238
105	NUNDLE	COUNCIL		85,856	85,856
105	PARRY	COUNCIL		83,803	83,803
105	SCONE	COUNCIL		89,585	89,585
105	SCONE	DEPARTMENT		88,385	88,385
105	TAMWORTH	COUNCIL		4,693	4,693
TOTAL 105				352,322	352,322
106	NUNDLE	COUNCIL		32,428	32,428
TOTAL 106				32,428	32,428
108	NEWCASTLE	DEPARTMENT		3,814	3,814
108	NEWCASTLE	COUNCIL		39,977	39,977
108	PORT STEPHENS	COUNCIL		273,864	273,864
TOTAL 108				317,655	317,655
109	GREATER TAREE	COUNCIL		113,066	113,066
TOTAL 109				113,066	113,066



## STATE ROADS SYSTEM - MAINTENANCE

				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	110	GREAT LAKES	COUNCIL	21,743	21,743
	110			21,743	21,743
TOTAL	111	GREAT LAKES GREATER TAREE	COUNCIL	163,075	163,075
	111		COUNCIL	20,157	20,157
	111			183,232	183,232
TOTAL	112	GREATER TAREE GREATER TAREE GREATER TAREE GREATER TAREE HASTINGS	COUNCIL	10,872	10,872
	112		DEPARTMENT	2,174	2,174
	112		COUNCIL	92,409	92,409
	112		DEPARTMENT	1,896	1,896
	112		COUNCIL	70,666	70,666
	112			178,017	178,017
TOTAL	117	GRAFTON	COUNCIL	348	348
	117			348	348
TOTAL	118	BELLINGEN NAMBUCCA	COUNCIL	34,092	34,092
	118		COUNCIL	93,364	93,364
	118			127,462	127,462
TOTAL	119	BELLINGEN NYMBOIDA	COUNCIL	38,856	38,856
	119		COUNCIL	107,335	107,335
	119			146,191	146,191
TOTAL	120	BELLINGEN COFFS HARBOUR	COUNCIL	66,497	66,497
	120		COUNCIL	96,993	96,993
	120			163,490	163,490
TOTAL	124	ARMIDALE URALLA	COUNCIL	645	645
	124		COUNCIL	79,367	79,367
	124			79,712	79,712
	125	ALBURY	COUNCIL	20,889	20,889

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
125	CULCAIRN	COUNCIL		62,668	62,668
125	HUME	COUNCIL		46,808	46,808
125	URANA	COUNCIL		50,107	50,107
TOTAL 125				180,472	180,472
126	QUIRINDI	COUNCIL		116,667	116,667
TOTAL 126				116,667	116,667
127	NARRABRI	COUNCIL		127,862	127,862
TOTAL 127				127,862	127,862
128	DUNGOG	DEPARTMENT		31,234	31,234
128	DUNGOG	COUNCIL		30,932	30,932
128	SINGLETON	COUNCIL		3,469	3,469
128	SINGLETON	DEPARTMENT		57,620	57,620
128	SINGLETON	COUNCIL		1,765	1,765
128	SINGLETON	DEPARTMENT		46,749	46,749
128	SINGLETON	COUNCIL		48,457	48,457
TOTAL 128				220,226	220,226
129	COONABARABRAN	COUNCIL		189,662	189,662
129	COONAMBLE	COUNCIL		160,343	160,343
TOTAL 129				350,005	350,005
130	PARRY	COUNCIL		145,939	145,939
130	QUIRINDI	COUNCIL		107,002	107,002
130	TAMWORTH	COUNCIL		53,203	53,203
TOTAL 130				306,144	306,144
131	COROWA	COUNCIL		28,220	28,220
131	URANA	COUNCIL		45,146	45,146
TOTAL 131				73,366	73,366
132	BARRABA	COUNCIL		68,094	68,094
132	URALLA	COUNCIL		31,379	31,379

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 132				99,473	99,473
TOTAL 133	BINGARA	COUNCIL		76,574	76,574
				76,574	76,574
134	BINGARA	COUNCIL		27,566	27,566
134	INVERELL	COUNCIL		111,444	111,444
TOTAL 134				139,010	139,010
135	DUMARESQ	COUNCIL		39,315	39,315
135	GUYRA	COUNCIL		132,379	132,379
135	INVERELL	COUNCIL		59,262	59,262
TOTAL 135				230,956	230,956
136	INVERELL	COUNCIL		68,924	68,924
136	SEVERN	COUNCIL		72,885	72,885
TOTAL 136				141,809	141,809
137	INVERELL	DEPARTMENT		12,411	12,411
137	INVERELL	COUNCIL		15,464	15,464
137	INVERELL	COUNCIL		137,988	137,988
TOTAL 137				165,863	165,863
138	INVERELL	COUNCIL		2,923	2,923
TOTAL 138				2,923	2,923
139	HORNSBY	COUNCIL		26,159-	26,159-
139	HORNSBY	DEPARTMENT		71,522	71,522
139	PARRAMATTA	DEPARTMENT		36,944	36,944
139	RYDE	DEPARTMENT		71,477	71,477
TOTAL 139				153,784	153,784
141	KYOGLE	COUNCIL		29,447	29,447
141	LISMORE	COUNCIL		73,452	73,452



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 141	141	TWEED	COUNCIL	9,899	9,899
	141			112,798	112,798
TOTAL 142	142	LISMORE	COUNCIL	219,811	219,811
	142	TWEED	COUNCIL	172,079	172,079
				391,890	391,890
TOTAL 143	143	TWEED	COUNCIL	60,286	60,286
	143			60,286	60,286
TOTAL 145	145	RICHMOND RIVER	COUNCIL	67,869	67,869
	145			67,869	67,869
TOTAL 146	146	BALLINA	COUNCIL	96,729	96,729
	146	LISMORE	COUNCIL	55,549	55,549
				152,278	152,278
TOTAL 147	147	LISMORE	COUNCIL	69,408	69,408
	147			69,408	69,408
TOTAL 148	148	LISMORE	COUNCIL	35,671	35,671
	148	RICHMOND RIVER	COUNCIL	1,438	1,438
	148	RICHMOND RIVER	COUNCIL	1,652	1,652
				38,761	38,761
TOTAL 149	149	CASINO	COUNCIL	5,872	5,872
	149	LISMORE	COUNCIL	5,349	5,349
	149	RICHMOND RIVER	COUNCIL	39,432	39,432
	149	RICHMOND RIVER	DEPARTMENT	181,961	181,961
	149	RICHMOND RIVER	COUNCIL	45,319	45,319
				277,933	277,933
TOTAL 150	150	COPMANHURST	COUNCIL	138,919	138,919
	150	KYOGLE	COUNCIL	17,945	17,945

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	150			156,864	156,864
	151	COFFS HARBOUR	COUNCIL	155,930	155,930
	151	COFFS HARBOUR	DEPARTMENT	15,032	15,032
	151	COPMANHURST	COUNCIL	115,730	115,730
	151	GRAFTON	COUNCIL	14,416	14,416
	151	MACLEAN	DEPARTMENT	79,867	79,867
	151	MACLEAN	COUNCIL	56,694	56,694
	151	MACLEAN	DEPARTMENT	47,570	47,570
	151	ULMARRA	COUNCIL	106,936	106,936
TOTAL	151			592,175	592,175
	152	MACLEAN	COUNCIL	145,179	145,179
	152	MACLEAN	DEPARTMENT	44,261	44,261
	152	MACLEAN	COUNCIL	122,850	122,850
	152	MACLEAN	DEPARTMENT	25,305	25,305
TOTAL	152			337,595	337,595
	153	RICHMOND RIVER	COUNCIL	16,791	16,791
TOTAL	153			16,791	16,791
	154	CAMDEN	COUNCIL	75,841	75,841
	154	HAWKESBURY	DEPARTMENT	56,156	56,156
	154	HAWKESBURY	COUNCIL	7,130	7,130
	154	LIVERPOOL	COUNCIL	128,328	128,328
	154	PENRITH	DEPARTMENT	369,583	369,583
TOTAL	154			637,038	637,038
	155	HAWKESBURY	DEPARTMENT	544,571	544,571
	155	PENRITH	COUNCIL	143,352	143,352
TOTAL	155			687,923	687,923
	156	BAULKHAM HILLS	COUNCIL	34,879	34,879
	156	HORNSEY	COUNCIL	2,826-	2,826-
TOTAL	156			32,053	32,053

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 157	BAULKHAM HILLS	COUNCIL		11,990	11,990
				11,990	11,990
158	PARRAMATTA	DEPARTMENT		3,225	3,225
158	RYDE	DEPARTMENT		3,395	3,395
TOTAL 158				6,620	6,620
159	MANLY	COUNCIL		11,443	11,443
159	WARRINGAH	COUNCIL		108-	108-
159	WARRINGAH	DEPARTMENT		16,875	16,875
TOTAL 159				28,210	28,210
160	BAULKHAM HILLS	COUNCIL		187,982	187,982
TOTAL 160				187,982	187,982
161	HORNSBY	COUNCIL		72,303	72,303
TOTAL 161				72,303	72,303
162	KU-RING-GAI	DEPARTMENT		176,926	176,926
162	RYDE	DEPARTMENT		115,114	115,114
162	WARRINGAH	DEPARTMENT		198,860	198,860
TOTAL 162				490,900	490,900
163	HAWKESBURY	DEPARTMENT		2,940	2,940
TOTAL 163				2,940	2,940
164	MANLY	DEPARTMENT		71,721	71,721
164	MANLY	DEPARTMENT		121,223	121,223
164	MOSMAN	DEPARTMENT		196,515	196,515
164	NORTH SYDNEY	DEPARTMENT		76,851	76,851
164	NORTH SYDNEY	COUNCIL		12,464	12,464
164	WARRINGAH	COUNCIL		154	154
164	WARRINGAH	DEPARTMENT		550,962	550,962
164	WARRINGAH	COUNCIL		42,712	42,712
164	WARRINGAH	DEPARTMENT		16,450	16,450



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 164				1,089,052	1,089,052
165	DRUMMOYNE	DEPARTMENT		68,213	68,213
165	HUNTERS HILL	DEPARTMENT		155,047	155,047
165	LEICHHARDT	DEPARTMENT		671,376	671,376
165	PARRAMATTA	DEPARTMENT		139,874	139,874
165	RYDE	DEPARTMENT		128,620	128,620
165	SYDNEY	COUNCIL		1,825	1,825
165	SYDNEY	DEPARTMENT		601,487	601,487
TOTAL 165				1,766,442	1,766,442
166	HUNTERS HILL	DEPARTMENT		31,443	31,443
166	LANE COVE	DEPARTMENT		38,608	38,608
TOTAL 166				70,051	70,051
167	BANKSTOWN	DEPARTMENT		387,586	387,586
167	CANTERBURY	DEPARTMENT		886,709	886,709
167	LIVERPOOL	DEPARTMENT		271,908	271,908
TOTAL 167				1,546,203	1,546,203
168	HURSTVILLE	COUNCIL		50,994	50,994
168	ROCKDALE	DEPARTMENT		11,928	11,928
168	ROCKDALE	COUNCIL		36,650	36,650
TOTAL 168				99,572	99,572
169	ROCKDALE	COUNCIL		12,863	12,863
TOTAL 169				12,863	12,863
170	BOTANY	DEPARTMENT		34,512	34,512
170	RANDWICK	DEPARTMENT		10,152	10,152
170	SYDNEY	COUNCIL		1,081	1,081
TOTAL 170				43,583	43,583
171	BOTANY	DEPARTMENT		7,243	7,243
171	RANDWICK	DEPARTMENT		20,662	20,662
171	SYDNEY	COUNCIL		5,629	5,629

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 171				33,534	33,534
172	SYDNEY	COUNCIL		1,836	1,836
172	WAVERLEY	COUNCIL		115,606	115,606
172	WOOLLAHRA	COUNCIL		18,211	18,211
172	WOOLLAHRA	DEPARTMENT		6,343	6,343
TOTAL 172				141,996	141,996
173	SYDNEY	DEPARTMENT		178,022	178,022
173	SYDNEY	COUNCIL		5,966	5,966
173	WOOLLAHRA	COUNCIL		36,864	36,864
TOTAL 173				220,852	220,852
174	WARRINGAH	COUNCIL		112,245	112,245
174	WARRINGAH	DEPARTMENT		32,915	32,915
TOTAL 174				145,160	145,160
176	EVANS	COUNCIL		5,292	5,292
TOTAL 176				5,292	5,292
177	CAMPBELLTOWN	DEPARTMENT		352,641	352,641
177	LIVERPOOL	DEPARTMENT	10,209	5,086	15,295
177	WOLLONDILLY	COUNCIL		143,390	143,390
177	WOLLONGONG	DEPARTMENT		187,069	187,069
TOTAL 177			10,209	688,186	698,395
178	CAMDEN	COUNCIL		81,199	81,199
178	CAMPBELLTOWN	DEPARTMENT		47,380	47,380
TOTAL 178				128,579	128,579
179	CAMPBELLTOWN	COUNCIL		23,407	23,407
179	WOLLONDILLY	COUNCIL		83,301	83,301
TOTAL 179				106,708	106,708

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
181	BAULKHAM HILLS	DEPARTMENT		296,833	296,833
181	GREATER CESSNOCK	COUNCIL		78,537	78,537
181	HAWKESBURY	COUNCIL		82,951	82,951
181	HAWKESBURY	DEPARTMENT		129,584	129,584
181	HAWKESBURY	COUNCIL		88,186	88,186
181	HAWKESBURY	DEPARTMENT		8,095	8,095
181	HAWKESBURY	COUNCIL		22,207-	22,207-
181	HAWKESBURY	COUNCIL		75,365	75,365
181	HORNSBY	DEPARTMENT		53,170	53,170
181	SINGLETON	COUNCIL		35,882	35,882
TOTAL	181			826,396	826,396
182	BAULKHAM HILLS	COUNCIL		30,643	30,643
182	HAWKESBURY	COUNCIL		2,174	2,174
182	HAWKESBURY	DEPARTMENT		5,991	5,991
182	HAWKESBURY	COUNCIL		27,249	27,249
182	HAWKESBURY	COUNCIL		108,896	108,896
182	HAWKESBURY	DEPARTMENT		7,067	7,067
182	HAWKESBURY	COUNCIL		42,741-	42,741-
182	HAWKESBURY	DEPARTMENT		13,046	13,046
182	HAWKESBURY	COUNCIL		187,703	187,703
182	HAWKESBURY	COUNCIL		67,361-	67,361-
TOTAL	182			272,667	272,667
183	BOTANY	DEPARTMENT		20,362	20,362
183	MARRICKVILLE	DEPARTMENT		2,733	2,733
183	RANDWICK	DEPARTMENT		13,462	13,462
183	SYDNEY	DEPARTMENT		5,801	5,801
TOTAL	183			42,358	42,358
184	BAULKHAM HILLS	DEPARTMENT		165,000	165,000
184	BLACKTOWN	DEPARTMENT		47,430	47,430
184	BLUE MOUNTAINS	DEPARTMENT		289,764	289,764
184	HAWKESBURY	DEPARTMENT		562,213	562,213
184	PARRAMATTA	DEPARTMENT		16,503	16,503
TOTAL	184			1,080,910	1,080,910
135	WOLLONGONG	DEPARTMENT		328,373	328,373
TOTAL	185			328,373	328,373



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 186	WOLLONGONG	COUNCIL		181,151	181,151
				181,151	181,151
TOTAL 187	INVERELL	COUNCIL		116,032	116,032
				116,032	116,032
TOTAL 188	NEWCASTLE	COUNCIL		77,036	77,036
				77,036	77,036
TOTAL 189	TENTERFIELD	COUNCIL		4,302	4,302
				4,302	4,302
TOTAL 190	AUBURN BANKSTOWN	COUNCIL		30,519	30,519
		DEPARTMENT		61,695	61,695
				92,214	92,214
TOTAL 191	RYDE RYDE WILLOUGHBY WILLOUGHBY	DEPARTMENT		13,914	13,914
		COUNCIL		40,765	40,765
		DEPARTMENT		13,914	13,914
		COUNCIL		40,203	40,203
				108,796	108,796
TOTAL 192	GREATER TAREE	COUNCIL		18,482	18,482
				18,482	18,482
TOTAL 193	SYDNEY	COUNCIL		270-	270-
				270-	270-
TOTAL 194	BOTANY KOGARAH ROCKDALE ROCKDALE ROCKDALE	DEPARTMENT		116,712	116,712
		DEPARTMENT		1,499	1,499
		DEPARTMENT		232,465	232,465
		COUNCIL		5,570	5,570
		DEPARTMENT		462,946	462,946

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	194			819,192	819,192
TOTAL	195	GREATER CESSNOCK	COUNCIL	13,089	13,089
	195			13,089	13,089
	197	HUME	COUNCIL	86	86
	197	HUME	DEPARTMENT	6,683	6,683
	197	HUME	COUNCIL	1,799	1,799
	197	HUME	DEPARTMENT	32,597	32,597
TOTAL	197			41,165	41,165
	198	KEMPSEY	DEPARTMENT	659	659
	198	KEMPSEY	COUNCIL	132,091	132,091
TOTAL	198			132,750	132,750
	199	KOGARAH	DEPARTMENT	12,172	12,172
	199	ROCKDALE	DEPARTMENT	14,671	14,671
	199	SUTHERLAND	DEPARTMENT	18,349	18,349
	199	SUTHERLAND	COUNCIL	37,227	37,227
TOTAL	199			82,419	82,419
	200	CONCORD	COUNCIL	66,319	66,319
	200	CONCORD	DEPARTMENT	6,861	6,861
	200	RYDE	DEPARTMENT	13,309	13,309
TOTAL	200			86,989	86,989
	202	COONAMBLE	COUNCIL	22,486	22,486
	202	WALGETT	COUNCIL	3,033	3,033
	202	WARREN	COUNCIL	73,751	73,751
TOTAL	202			99,270	99,270
	204	BOGAN	COUNCIL	127,881	127,881
	204	WARREN	COUNCIL	11,289	11,289
TOTAL	204			139,170	139,170

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
205	COOLAH	COUNCIL		12,458	12,458
205	COOLAH	COUNCIL		361	361
205	COONABARABRAN	COUNCIL		16,980	16,980
205	COONAMBLE	COUNCIL		58,354	58,354
205	GILGANDRA	COUNCIL		75,341	75,341
TOTAL	205			163,494	163,494
206	COOLAH	COUNCIL		26,002	26,002
206	DUBBO	COUNCIL		159,912	159,912
206	WELLINGTON	COUNCIL		27,180	27,180
TOTAL	206			213,094	213,094
208	MUDGEES	COUNCIL		137,833	137,833
208	MUSWELLBROOK	DEPARTMENT		23,918	23,918
208	MUSWELLBROOK	COUNCIL		143,454	143,454
208	RYLSTONE	COUNCIL		50,071	50,071
TOTAL	208			355,276	355,276
209	MERRIWA	COUNCIL		38,109	38,109
209	MUSWELLBROOK	DEPARTMENT		6,523	6,523
209	MUSWELLBROOK	COUNCIL		216,067	216,067
TOTAL	209			260,699	260,699
211	CULCAIRN	COUNCIL		38,885	38,885
211	HOLBROOK	COUNCIL		41,837	41,837
211	WAGGA WAGGA	COUNCIL		57,027	57,027
TOTAL	211			137,749	137,749
213	MUSWELLBROOK	COUNCIL		56,274	56,274
213	SINGLETON	COUNCIL		28,850	28,850
213	SINGLETON	DEPARTMENT		2,174	2,174
213	SINGLETON	COUNCIL		74,990	74,990
TOTAL	213			162,288	162,288
214	MERRIWA	COUNCIL		48,989	48,989
214	MUDGEES	COUNCIL		81,686	81,686
TOTAL	214			130,675	130,675



STATE ROADS SYSTEM - MAINTENANCE					
			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 215	RYLSTONE	COUNCIL		201,104	201,104
				201,104	201,104
216	EVANS	DEPARTMENT		669	669
216	EVANS	COUNCIL		44,574	44,574
216	MUDGE	COUNCIL		48,635	48,635
TOTAL 216				93,878	93,878
217	LAKE MACQUARIE	COUNCIL		29,237	29,237
217	LAKE MACQUARIE	DEPARTMENT		88,600	88,600
217	LAKE MACQUARIE	COUNCIL		347,567	347,567
217	LAKE MACQUARIE	COUNCIL		118,871	118,871
217	NEWCASTLE	COUNCIL		35,725	35,725
217	WYONG	COUNCIL		79,739	79,739
TOTAL 217				699,739	699,739
218	GREATER CESSNOCK	COUNCIL		78,537	78,537
218	GREATER CESSNOCK	DEPARTMENT		14,410	14,410
218	MAITLAND	COUNCIL		76,168	76,168
TOTAL 218				169,115	169,115
220	GREATER CESSNOCK	COUNCIL		62,175	62,175
220	LAKE MACQUARIE	COUNCIL		54,268	54,268
220	SINGLETON	COUNCIL		21,246	21,246
220	SINGLETON	DEPARTMENT		3,262	3,262
TOTAL 220				140,951	140,951
222	WAKOOL	COUNCIL		8,175	8,175
222	WAKOOL	DEPARTMENT		19,425	19,425
TOTAL 222				27,600	27,600
223	GREATER CESSNOCK	COUNCIL		9,817	9,817
223	LAKE MACQUARIE	COUNCIL		44,242	44,242
223	NEWCASTLE	COUNCIL		8,220	8,220
TOTAL 223				62,279	62,279

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
225	BAULKHAM HILLS	DEPARTMENT		10,385	10,385
225	GOSFORD	DEPARTMENT	6,576		6,576
225	GOSFORD	COUNCIL		60,611	60,611
225	GOSFORD	DEPARTMENT	3,288		3,288
225	GOSFORD	COUNCIL		222,869	222,869
225	HAWKESBURY	COUNCIL		271,793	271,793
225	HORNSBY	DEPARTMENT		10,386	10,386
TOTAL 225			9,864	576,049	585,913
226	BERRIGAN	COUNCIL		6,458	6,458
226	BERRIGAN	DEPARTMENT		190,173	190,173
TOTAL 226				196,631	196,631
227	SUTHERLAND	COUNCIL		24,399	24,399
TOTAL 227				24,399	24,399
228	BOGAN	COUNCIL		29,680	29,680
228	COBAR	COUNCIL		4,908	4,908
TOTAL 228				34,588	34,588
230	LACHLAN	COUNCIL		92,301	92,301
TOTAL 230				92,301	92,301
231	BLAND	COUNCIL		77,009	77,009
231	LACHLAN	COUNCIL		57,837	57,837
TOTAL 231				134,846	134,846
232	MOREE PLAINS	COUNCIL		271,296	271,296
232	MOREE PLAINS	DEPARTMENT		331	331
TOTAL 232				271,627	271,627
233	CABONNE	COUNCIL		81,538	81,538
233	MUDGE	COUNCIL		10,763	10,763
233	MUDGE	DEPARTMENT		135,529	135,529
233	MUDGE	COUNCIL		113,263	113,263
233	PARKES	COUNCIL		44,574	44,574

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 233	WELLINGTON	COUNCIL		102,194	102,194
233				487,861	487,861
234	CABONNE	COUNCIL		92,409	92,409
234	PARKES	COUNCIL		10,872	10,872
TOTAL 234				103,281	103,281
235	COOTAMUNDRA	COUNCIL		11,646	11,646
TOTAL 235				11,646	11,646
236	WEDDIN	COUNCIL		38,051	38,051
TOTAL 236				38,051	38,051
237	CABONNE	COUNCIL		141,332	141,332
237	COWRA	DEPARTMENT		35,877	35,877
237	ORANGE	COUNCIL		24,896	24,896
237	WEDDIN	COUNCIL		23,918	23,918
TOTAL 237				226,023	226,023
238	CABONNE	COUNCIL		32,615	32,615
238	PARKES	COUNCIL		7,610	7,610
TOTAL 238				40,225	40,225
239	WEDDIN	COUNCIL		28,067	28,067
239	YOUNG	COUNCIL		40,173	40,173
TOTAL 239				68,240	68,240
240	COOLAMON	COUNCIL		114,989	114,989
240	WAGGA WAGGA	COUNCIL		32,038	32,038
TOTAL 240				147,027	147,027
241	BOOROWA	COUNCIL		66,847	66,847
241	GUNNING	COUNCIL		54,839	54,839
241	TEMORA	COUNCIL		38,861	38,861



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 241	YOUNG	COUNCIL		112,391	112,391
				272,938	272,938
243	COOLAMON	COUNCIL		52,773	52,773
243	GUNDAGAI	COUNCIL		71,149	71,149
243	JUNEE	COUNCIL		128,889	128,889
243	NARRANDERA	COUNCIL		2,865	2,865
TOTAL 243				255,676	255,676
244	CARRATHOOL	COUNCIL		15,720	15,720
244	MURRUMBIDGEE	COUNCIL		5,163	5,163
TOTAL 244				20,883	20,883
245	BLAYNEY	COUNCIL		41,312	41,312
245	ORANGE	COUNCIL		55,446	55,446
TOTAL 245				96,758	96,758
246	BLAYNEY	COUNCIL		30,984	30,984
246	EVANS	COUNCIL		33,485	33,485
TOTAL 246				64,469	64,469
248	BOOROWA	COUNCIL		54,996	54,996
248	BOOROWA	DEPARTMENT		133,523	133,523
248	BOOROWA	COUNCIL		3,653	3,653
248	CROOKWELL	COUNCIL		81,882	81,882
248	GUNNING	COUNCIL		3,343	3,343
248	MULWARRIE	COUNCIL		4,417	4,417
TOTAL 248				281,814	281,814
250	COROWA	COUNCIL		489	489
TOTAL 250				489	489
251	GUNNING	COUNCIL		50,895	50,895
TOTAL 251				50,895	50,895

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
252	BATHURST	COUNCIL		426	426
252	EVANS	COUNCIL		71,249	71,249
252	EVANS	DEPARTMENT		2,415	2,415
TOTAL 252				74,090	74,090
253	BATHURST	COUNCIL		12,502	12,502
253	EVANS	COUNCIL		45,444	45,444
253	GREATER LITHGOW	DEPARTMENT		225,803	225,803
253	OBERON	COUNCIL		99,835	99,835
253	OBERON	DEPARTMENT		26,648	26,648
253	OBERON	COUNCIL		9,378	9,378
253	OBERON	DEPARTMENT		125,783	125,783
TOTAL 253				545,393	545,393
254	WADE	COUNCIL		60,606	60,606
TOTAL 254				60,606	60,606
255	EVANS	COUNCIL		19,787	19,787
255	GREATER LITHGOW	COUNCIL		6,491	6,491
255	OBERON	COUNCIL		38,503	38,503
TOTAL 255				64,781	64,781
256	CROOKWELL	COUNCIL		4,251	4,251
256	GOULBURN	COUNCIL		459-	459-
256	GOULBURN	DEPARTMENT		2,239	2,239
256	GOULBURN	COUNCIL		3,872	3,872
256	MULWAREE	COUNCIL		75,695	75,695
256	OBERON	COUNCIL		120,458	120,458
TOTAL 256				206,056	206,056
258	MULWAREE	COUNCIL		17,250	17,250
258	WINGECARRIBEE	COUNCIL		176,016	176,016
TOTAL 258				193,266	193,266
259	CAMDEN	COUNCIL		22,669	22,669
259	WOLLONDILLY	DEPARTMENT		278,596	278,596
TOTAL 259				301,265	301,265

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 260	WINGECARRIBEE	COUNCIL		47,594	47,594
260				47,594	47,594
TOTAL 261	SHOALHAVEN	DEPARTMENT		420,276	420,276
261	WINGECARRIBEE	COUNCIL		58,648	58,648
261				478,924	478,924
TOTAL 262	SHELLHARBOUR	COUNCIL		13,380	13,380
262				13,380	13,380
TOTAL 263	WINGECARRIBEE	COUNCIL		140,469	140,469
263				140,469	140,469
TOTAL 264	KIAMA	COUNCIL		57,368	57,368
264	WINGECARRIBEE	COUNCIL		13,991	13,991
264				71,359	71,359
TOTAL 265	WINGECARRIBEE	COUNCIL		41,346	41,346
265				41,346	41,346
TOTAL 266	KIAMA	COUNCIL		17,002	17,002
266	SHELLHARBOUR	COUNCIL		10,710	10,710
266				27,712	27,712
TOTAL 267	SHOALHAVEN	COUNCIL		34,601	34,601
267				34,601	34,601
TOTAL 268	MULWAREE	COUNCIL		21,928	21,928
268	YARROWLUMLA	COUNCIL		23,011	23,011
268				44,939	44,939
270	TALLAGANDA	COUNCIL		39,736	39,736



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
270	TALLAGANDA	DEPARTMENT		82,896	82,896
270	TALLAGANDA	COUNCIL		8,355-	8,355-
270	YARROWLUMLA	COUNCIL		83,631	83,631
TOTAL 270				197,908	197,908
271	EUROBODALLA	COUNCIL		61,522	61,522
271	TALLAGANDA	COUNCIL		53,163	53,163
TOTAL 271				114,685	114,685
272	BEGA VALLEY	DEPARTMENT		19,054	19,054
272	BEGA VALLEY	COUNCIL		98,544	98,544
272	EUROBODALLA	COUNCIL		3,203	3,203
TOTAL 272				120,801	120,801
273	BEGA VALLEY	COUNCIL		34,971	34,971
TOTAL 273				34,971	34,971
275	BEGA VALLEY	COUNCIL		48,346	48,346
275	BOMBALA	COUNCIL		4,251	4,251
TOTAL 275				52,597	52,597
276	BEGA VALLEY	COUNCIL		7,222	7,222
TOTAL 276				7,222	7,222
278	GUNDAGAI	COUNCIL		39,458	39,458
278	TUMUT	COUNCIL		60,312	60,312
278	YASS	COUNCIL		86,803	86,803
278	YASS	DEPARTMENT		51,612	51,612
TOTAL 278				238,185	238,185
279	GUNDAGAI	DEPARTMENT		145,526	145,526
279	GUNDAGAI	COUNCIL		27,967	27,967
279	TUMUT	COUNCIL		34,536	34,536
TOTAL 279				208,029	208,029

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
	280	GUNDAGAI	COUNCIL	20,176	20,176
	280	TUMUT	COUNCIL	36,202	36,202
TOTAL	280			56,378	56,378
	281	TUMBARUMBA	COUNCIL	1,185	1,185
	281	TUMBARUMBA	DEPARTMENT	736	736
	281	TUMBARUMBA	COUNCIL	5,140	5,140
TOTAL	281			7,061	7,061
	282	HOLBROOK	COUNCIL	67,808	67,808
	282	HUME	COUNCIL	48,717	48,717
	282	TUMBARUMBA	COUNCIL	113,119	113,119
TOTAL	282			229,644	229,644
	283	GUNNING	COUNCIL	63,041	63,041
TOTAL	283			63,041	63,041
	284	HOLBROOK	COUNCIL	53,952	53,952
	284	TUMBARUMBA	COUNCIL	23,448	23,448
TOTAL	284			77,400	77,400
	286	SNOWY RIVER	DEPARTMENT	50,842	50,842
	286	SNOWY RIVER	COUNCIL	86,680	86,680
	286	SNOWY RIVER	DEPARTMENT	756,190	756,190
	286	SNOWY RIVER	COUNCIL	13,138	13,138
TOTAL	286			880,574	880,574
	289	DUNGOG	COUNCIL	35,015	35,015
	289	GREAT LAKES	COUNCIL	7,610	7,610
TOTAL	289			42,625	42,625
	290	TENTERFIELD	COUNCIL	28,522	28,522
TOTAL	290			28,522	28,522

## STATE ROADS SYSTEM - MAINTENANCE

			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	292	GREATER LITHGOW	COUNCIL	20,329	20,329
	292			20,329	20,329
TOTAL	293	SHOALHAVEN SHOALHAVEN	COUNCIL DEPARTMENT	30,934	30,934
	293			292	292
	293			31,226	31,226
TOTAL	295	WOLLONGONG	COUNCIL	129,703	129,703
	295			129,703	129,703
TOTAL	296	WAKOOL WINDOURAN	COUNCIL COUNCIL	85,124	85,124
	296			100,453	100,453
	296			185,577	185,577
TOTAL	298	GRAFTON	COUNCIL	19,748	19,748
	298			19,743	19,743
TOTAL	299	COROWA	COUNCIL	51,187	51,187
	299			51,187	51,187
TOTAL	300	WINGECARRIBEE	COUNCIL	28,459	28,459
	300			28,459	28,459
TOTAL	301	DUNGOG MAITLAND MAITLAND MAITLAND PORT STEPHENS	COUNCIL COUNCIL DEPARTMENT COUNCIL COUNCIL	39,889	39,889
	301			494	494
	301			28,762	28,762
	301			36,311	36,311
	301			58,632	58,632
	301			164,088	164,088
TOTAL	302	PORT STEPHENS	COUNCIL	47,009	47,009
	302			47,009	47,009



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
306	BYRON	COUNCIL		64,080	64,080
306	LISMORE	COUNCIL		68,406	68,406
TOTAL 306				132,486	132,486
307	SHOALHAVEN	DEPARTMENT		3,868	3,868
TOTAL 307				3,868	3,868
308	BREWARRINA	COUNCIL		28,027	28,027
TOTAL 308				28,027	28,027
309	PARRAMATTA	DEPARTMENT		87,583	87,583
TOTAL 309				87,583	87,583
310	CABONNE	COUNCIL		42,087	42,087
310	COWRA	COUNCIL		51,112	51,112
TOTAL 310				93,199	93,199
312	SHOALHAVEN	COUNCIL		32,019	32,019
TOTAL 312				32,019	32,019
314	COROWA	COUNCIL		8,173	8,173
TOTAL 314				8,173	8,173
315	BANKSTOWN	DEPARTMENT		453	453
315	BURWOOD	DEPARTMENT		9,701	9,701
315	CANTERBURY	DEPARTMENT		43,960	43,960
315	CONCORD	COUNCIL		4,981	4,981
315	HURSTVILLE	DEPARTMENT		26,137	26,137
315	HURSTVILLE	COUNCIL		9,581	9,581
315	STRATHFIELD	COUNCIL		16	16
315	STRATHFIELD	DEPARTMENT		10,509	10,509
315	STRATHFIELD	COUNCIL		18,374	18,374
TOTAL 315				123,712	123,712

## STATE ROADS SYSTEM - MAINTENANCE

				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	316	NEWCASTLE	COUNCIL	9,905	9,905
	316			9,905	9,905
TOTAL	318	STRATHFIELD	COUNCIL	7,838	7,838
	318			7,838	7,838
TOTAL	319	HAY	COUNCIL	43,536	43,536
	319	WAKOOL	DEPARTMENT	9,586	9,586
	319	WAKOOL	COUNCIL	118,450	118,450
	319	WINDOURAN	COUNCIL	34,667	34,667
	319			206,239	206,239
TOTAL	320	BEGA VALLEY	COUNCIL	5,643	5,648
	320			5,648	5,648
TOTAL	321	CARRATHOOL	COUNCIL	9,455	9,455
	321	JERILDERIE	COUNCIL	116,787	116,787
	321	MURRUMBIDGEE	COUNCIL	120,177	120,177
	321	WADE	COUNCIL	101,741	101,741
	321			348,160	348,160
TOTAL	323	JERILDERIE URANA	COUNCIL	54,833	54,833
	323		COUNCIL	34,067	34,067
	323			88,900	88,900
TOTAL	324	TUMUT	DEPARTMENT	52,116	52,116
	324			52,116	52,116
TOTAL	325	LAKE MACQUARIE	COUNCIL	78,717	78,717
	325			78,717	78,717
TOTAL	326	NEWCASTLE	COUNCIL	25,820	25,820
	326			25,820	25,820

STATE ROADS SYSTEM - MAINTENANCE					
			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 327	RANDWICK	COUNCIL		88,402	88,402
				88,402	88,402
328	KU-RING-GAI	DEPARTMENT		14,080	14,080
328	WARRINGAH	DEPARTMENT		114,290	114,290
328	WILLOUGHY	DEPARTMENT		3,656	3,656
TOTAL 328				132,026	132,026
329	COONABARABRAN	COUNCIL		52,380	52,380
329	WALGETT	COUNCIL		53,913	53,913
329	WALGETT	DEPARTMENT		28,984	28,984
TOTAL 329				135,277	135,277
330	SYDNEY	COUNCIL		2,725	2,725
TOTAL 330				2,725	2,725
331	BERRIGAN	COUNCIL		59,461	59,461
331	COROWA	COUNCIL		50,341	50,341
331	CULCAIRN	COUNCIL		146,552	146,552
331	HOLBROOK	COUNCIL		56,322	56,322
331	HUME	COUNCIL		16,901	16,901
TOTAL 331				329,577	329,577
332	HORNSBY	COUNCIL		224,367	224,367
TOTAL 332				224,367	224,367
333	WALGETT	COUNCIL		61,151	61,151
333	WARREN	COUNCIL		385,257	385,257
TOTAL 333				446,408	446,408
334	COOLAH	COUNCIL		30,979	30,979
334	COONABARABRAN	COUNCIL		56,265	56,265
TOTAL 334				87,244	87,244



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 335	WYONG	COUNCIL		205,504	205,504
335				205,504	205,504
336	GOSFORD	COUNCIL		161,266	161,266
336	WYONG	COUNCIL		30,494	30,494
TOTAL 336				191,760	191,760
339	WAVERLEY	COUNCIL		39,114	39,114
339	WOOLLAHRA	COUNCIL		21,233	21,233
TOTAL 339				60,347	60,347
340	WAVERLEY	COUNCIL		55,586	55,586
TOTAL 340				55,586	55,586
341	MURRAY	COUNCIL		56,193	56,193
341	WAKOOL	COUNCIL		10,947	10,947
TOTAL 341				67,140	67,140
343	WALGETT	COUNCIL		4,653	4,653
TOTAL 343				4,653	4,653
344	BOTANY	DEPARTMENT		151,720	151,720
TOTAL 344				151,720	151,720
347	LACHLAN	COUNCIL		75,014	75,014
347	WARREN	COUNCIL		40,108	40,108
TOTAL 347				115,122	115,122
348	PARKES	COUNCIL		34,790	34,790
TOTAL 348				34,790	34,790
349	GOSFORD	COUNCIL		214,723	214,723

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	349			214,723	214,723
	350	FORBES	COUNCIL	16,177	16,177
	350	PARKES	COUNCIL	94,507	94,507
TOTAL	350			110,684	110,684
	353	WELLINGTON	COUNCIL	78,276	78,276
TOTAL	353			78,276	78,276
	354	NARROMINE	COUNCIL	225,153	225,153
	354	PARKES	COUNCIL	34,955	34,955
TOTAL	354			260,108	260,108
	355	HUME	COUNCIL	1,357	1,357
TOTAL	355			1,357	1,357
	356	JERILDERIE	COUNCIL	10,517	10,517
	356	URANA	COUNCIL	27,872	27,872
TOTAL	356			38,389	38,389
	357	GUNNEDAH	COUNCIL	8,747	8,747
	357	MANILLA	COUNCIL	16,406	16,406
	357	MANILLA	DEPARTMENT	9,674	9,674
TOTAL	357			34,827	34,827
	358	MERRIWA	COUNCIL	30,647	30,647
	358	MURRURUNDI	COUNCIL	117,143	117,143
TOTAL	358			147,790	147,790
	359	CABONNE	COUNCIL	6,523	6,523
TOTAL	359			6,523	6,523

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
360	BARRABA	COUNCIL		26,798	26,798
360	BINGARA	COUNCIL		3,190	3,190
TOTAL 360				29,988	29,988
361	KYOGLE	COUNCIL		176,686	176,686
361	TENTERFIELD	COUNCIL		2,481	2,481
TOTAL 361				179,167	179,167
362	TENTERFIELD	COUNCIL		37,317	37,317
TOTAL 362				37,317	37,317
363	BERRIGAN	COUNCIL		54,087	54,087
TOTAL 363				54,087	54,087
366	HORNSBY	DEPARTMENT		104,624	104,624
366	HORNSBY	COUNCIL		1,635	1,635
366	KU-RING-GAI	COUNCIL		50,608	50,608
TOTAL 366				156,867	156,867
367	MOREE PLAINS	COUNCIL		212,039	212,039
TOTAL 367				212,039	212,039
368	BLAND	COUNCIL		6,157	6,157
368	CARRATHOOL	COUNCIL		62,771	62,771
TOTAL 368				68,928	68,928
369	HUME	COUNCIL		7,778	7,778
369	HUME	DEPARTMENT		47,309	47,309
TOTAL 369				55,087	55,087
370	CULCAIRN	COUNCIL		70,804	70,804
370	HUME	COUNCIL		10,862	10,862
370	LOCKHART	COUNCIL		105,851	105,851
370	NARRANDERA	COUNCIL		4,495	4,495



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 370				192,012	192,012
371	BLAND	COUNCIL		11,440	11,440
371	CARRATHOOL	COUNCIL		5,870	5,870
371	LACHLAN	COUNCIL		27,831	27,831
TOTAL 371				45,141	45,141
372	WINGECARRIBEE	COUNCIL		38,526	38,526
TOTAL 372				38,526	38,526
373	HORNSBY	DEPARTMENT		41,420	41,420
373	LANE COVE	DEPARTMENT		56,668	56,668
373	PARRAMATTA	DEPARTMENT		36,273	36,273
373	RYDE	DEPARTMENT		82,675	82,675
373	WILLOUGHBY	DEPARTMENT		4,288	4,288
TOTAL 373				221,324	221,324
377	CABONNE	COUNCIL		92,953	92,953
377	FORBES	COUNCIL		191,951	191,951
377	LACHLAN	COUNCIL		75,123	75,123
TOTAL 377				360,027	360,027
378	BELLINGEN	COUNCIL		446	446
TOTAL 378				446	446
379	HARDEN	COUNCIL		10,652	10,652
TOTAL 379				10,652	10,652
380	BOOROWA	COUNCIL		13,331	13,331
380	HARDEN	COUNCIL		13,205	13,205
TOTAL 380				26,536	26,536
381	HARDEN	COUNCIL		38,878	38,878

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 381				38,878	38,878
382	GLEN INNES	COUNCIL		3,262	3,262
382	INVERELL	COUNCIL		29,918	29,918
382	SEVERN	COUNCIL		75,844	75,844
TOTAL 382				109,024	109,024
383	COONAMBLE	COUNCIL		54,816	54,816
383	WALGETT	COUNCIL		9,295	9,295
TOTAL 383				64,111	64,111
384	HOLBROOK	COUNCIL		5,099	5,099
384	WAGGA WAGGA	COUNCIL		58,120	58,120
TOTAL 384				63,219	63,219
385	URANA	COUNCIL		59,163	59,163
TOTAL 385				59,163	59,163
386	WAKOOL	COUNCIL		2,716-	2,716-
386	WAKOOL	COUNCIL		120,969	120,969
386	WAKOOL	DEPARTMENT		182,628	182,628
386	WAKOOL	COUNCIL		15,397	15,397
TOTAL 386				316,278	316,278
387	CARRATHOOL	COUNCIL		12,990	12,990
387	COOLAMON	COUNCIL		12,630	12,630
387	NARRANDERA	COUNCIL		136,231	136,231
387	TEMORA	COUNCIL		128,237	128,237
387	WADE	COUNCIL		15,472	15,472
TOTAL 387				305,560	305,560
390	BLAYNEY	COUNCIL		43,017	43,017
TOTAL 390				43,017	43,017

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 391	MURRAY	COUNCIL		22,899	22,899
391				22,899	22,899
TOTAL 392	LAKE MACQUARIE	COUNCIL		203,675	203,675
392				203,675	203,675
393	SUTHERLAND	DEPARTMENT		378,356	378,356
393	WOLLONGONG	DEPARTMENT		35,965	35,965
TOTAL 393				414,321	414,321
394	BOMBALA	COUNCIL		63,422	63,422
394	COOMA-MONARO	COUNCIL		6,612	6,612
394	SNOWY RIVER	COUNCIL		30,690	30,690
TOTAL 394				100,724	100,724
TOTAL 396	COOLAH	COUNCIL		97,576	97,576
396	COONABARABRAN	COUNCIL		47,777	47,777
TOTAL 396				145,353	145,353
397	MANLY	DEPARTMENT		35,224	35,224
397	MANLY	COUNCIL		544-	544-
397	WARRINGAH	DEPARTMENT		299,284	299,284
TOTAL 397				333,964	333,964
398	BLAND	COUNCIL		7,304	7,304
398	COOLAMON	COUNCIL		32,471	32,471
398	TEMORA	COUNCIL		54,441	54,441
398	WEDDIN	COUNCIL		70,666	70,666
TOTAL 398				164,882	164,882
399	TWEED	DEPARTMENT		35,995	35,995
399	TWEED	COUNCIL		3,575	3,575
399	TWEED	DEPARTMENT		35,339	35,339
399	TWEED	COUNCIL		74,550	74,550
TOTAL 399				149,459	149,459



## STATE ROADS SYSTEM - MAINTENANCE

			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	400	MOSMAN	COUNCIL	26,585	26,585
	400			26,585	26,585
TOTAL	402	BREWARRINA	COUNCIL	18,730	18,730
	402	WALGETT	COUNCIL	144,564	144,564
				163,294	163,294
TOTAL	403	BOURKE	COUNCIL	94	94
	403	BREWARRINA	COUNCIL	22,244	22,244
				22,338	22,338
TOTAL	404	BOURKE	COUNCIL	139,337	139,337
	404			139,337	139,337
TOTAL	405	BOURKE	COUNCIL	105,281	105,281
	405	BOURKE	COUNCIL	2,353	2,353
	405	BOURKE	DEPARTMENT	102,271	102,271
	405	WESTERN DIVISION	DEPARTMENT	157,094	157,094
	405			366,999	366,999
TOTAL	406	CENTRAL DARLING	COUNCIL	6,742	6,742
	406			6,742	6,742
TOTAL	407	BOURKE	COUNCIL	8,789	8,789
	407	COBAR	COUNCIL	114,304	114,304
				123,093	123,093
TOTAL	410	CARRATHOOL	COUNCIL	33,115	33,115
	410	CARRATHOOL	DEPARTMENT	72,290	72,290
	410	CARRATHOOL	COUNCIL	27,037	27,037
	410	COBAR	COUNCIL	104,192	104,192
	410			236,634	236,634
	411	COBAR	COUNCIL	27,160	27,160

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
411	LACHLAN	DEPARTMENT		25,005	25,005
411	LACHLAN	COUNCIL		3,805	3,805
TOTAL 411				55,970	55,970
415	COBAR	COUNCIL		38,719	38,719
TOTAL 415				38,719	38,719
416	COBAR	COUNCIL		82,162	82,162
TOTAL 416				82,162	82,162
418	CARRATHOOL	COUNCIL		40,365	40,365
TOTAL 418				40,365	40,365
419	COBAR	COUNCIL		69,731	69,731
TOTAL 419				69,731	69,731
421	BOURKE	COUNCIL		34,513	34,513
421	COBAR	COUNCIL		92,643	92,643
TOTAL 421				127,156	127,156
422	COBAR	COUNCIL		43,617	43,617
TOTAL 422				43,617	43,617
423	COBAR	COUNCIL		12,720	12,720
423	LACHLAN	COUNCIL		163-	163-
423	LACHLAN	DEPARTMENT		39,138	39,138
423	LACHLAN	COUNCIL		10,872	10,872
TOTAL 423				62,567	62,567
424	BOGAN	COUNCIL		22,287	22,287
424	WARREN	COUNCIL		18,304	18,304
TOTAL 424				40,591	40,591

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
425	BOURKE	COUNCIL		44,887	44,887
425	BREWARRINA	COUNCIL		51,387	51,387
TOTAL 425				96,274	96,274
426	WALGETT	COUNCIL		5,829	5,829
TOTAL 426				5,829	5,829
428	WESTERN DIVISION	DEPARTMENT		93,657	93,657
TOTAL 428				93,657	93,657
429	BOURKE	COUNCIL		24,301	24,301
429	CENTRAL DARLING	COUNCIL		48,796	48,796
429	WESTERN DIVISION	DEPARTMENT		26,201	26,201
TOTAL 429				99,298	99,298
431	WENTWORTH	COUNCIL		7,665	7,665
TOTAL 431				7,665	7,665
433	CENTRAL DARLING	COUNCIL		61,841	61,841
TOTAL 433				61,841	61,841
435	CENTRAL DARLING	COUNCIL		41,252	41,252
435	CENTRAL DARLING	COUNCIL		9,741	9,741
435	WESTERN DIVISION	DEPARTMENT		7,485	7,485
TOTAL 435				58,478	58,478
437	BREWARRINA	COUNCIL		43,621	43,621
437	BREWARRINA	DEPARTMENT		4,145	4,145
437	WALGETT	COUNCIL		6,855	6,855
TOTAL 437				54,621	54,621
438	BREWARRINA	COUNCIL		18,933	18,933
438	WALGETT	COUNCIL		67,296	67,296



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 438				86,229	86,229
501	CARRATHOOL	COUNCIL		28,480	28,480
501	CARRATHOOL	DEPARTMENT		86,634	86,634
501	CARRATHOOL	COUNCIL		106,649	106,649
501	HAY	COUNCIL		11,187	11,187
501	LACHLAN	COUNCIL		49,302	49,302
TOTAL 501				282,252	282,252
503	HAWKESBURY	DEPARTMENT		804,823	804,823
503	HAWKESBURY	COUNCIL		6,414	6,414
503	SINGLETON	COUNCIL		78,985	78,985
503	SINGLETON	DEPARTMENT		27,955	27,955
503	SINGLETON	COUNCIL		9,457-	9,457-
503	SINGLETON	DEPARTMENT		520,381	520,381
TOTAL 503				1,429,101	1,429,101
504	GOSFORD	COUNCIL		107,319	107,319
TOTAL 504				107,319	107,319
505	GOSFORD	COUNCIL		72,420	72,420
TOTAL 505				72,420	72,420
506	GREAT LAKES	COUNCIL		32,615	32,615
TOTAL 506				32,615	32,615
507	MOREE PLAINS	COUNCIL		245,907	245,907
TOTAL 507				245,907	245,907
508	BANKSTOWN	DEPARTMENT		263,159	263,159
508	HURSTVILLE	COUNCIL		24,779	24,779
TOTAL 508				287,938	287,938
509	LAKE MACQUARIE	COUNCIL		16,567	16,567

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 509	WYONG	COUNCIL		104,526	104,526
				121,093	121,093
TOTAL 510	GREATER LITHGOW	COUNCIL		61,686	61,686
				61,686	61,686
TOTAL 512	LIVERPOOL	DEPARTMENT		130,017	130,017
	SUTHERLAND	DEPARTMENT		471,211	471,211
				601,228	601,228
TOTAL 513	WOLLONGONG	DEPARTMENT		278,154	278,154
				278,154	278,154
514	BALRANALD	COUNCIL		23,142	23,142
514	HAY	DEPARTMENT		20,461	20,461
514	HAY	COUNCIL		69,514	69,514
514	HAY	DEPARTMENT		20,461	20,461
TOTAL 514				133,578	133,578
515	BLACKTOWN	DEPARTMENT		57,894	57,894
515	FAIRFIELD	DEPARTMENT		94,223	94,223
515	LIVERPOOL	DEPARTMENT		11,377	11,377
TOTAL 515				163,494	163,494
516	BLUE MOUNTAINS	DEPARTMENT		5,722	5,722
516	GREATER LITHGOW	COUNCIL		11,638	11,638
516	GREATER LITHGOW	DEPARTMENT		159,351	159,351
TOTAL 516				176,711	176,711
TOTAL 517	PORT STEPHENS	COUNCIL		67,472	67,472
				67,472	67,472
518	PORT STEPHENS	COUNCIL		89,064	89,064

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 518				89,064	89,064
519	HAWKESBURY	COUNCIL		83,277	83,277
TOTAL 519				83,277	83,277
520	OBERON	COUNCIL		18,428	18,428
TOTAL 520				18,428	18,428
522	SHELLHARBOUR	COUNCIL		30,832	30,832
522	WOLLONGONG	COUNCIL		4,862	4,862
522	WOLLONGONG	DEPARTMENT		7,183	7,183
TOTAL 522				42,877	42,877
523	LEICHHARDT	COUNCIL		8,175	8,175
523	SYDNEY	COUNCIL		1,825	1,825
TOTAL 523				10,000	10,000
524	BYRON	COUNCIL		60,164	60,164
TOTAL 524				60,164	60,164
525	WARRINGAH	DEPARTMENT		87,119	87,119
TOTAL 525				87,119	87,119
526	CABONNE	COUNCIL		31,528	31,528
526	ORANGE	COUNCIL		21,629	21,629
TOTAL 526				53,157	53,157
527	LAKE MACQUARIE	COUNCIL		175,137	175,137
TOTAL 527				175,137	175,137
528	SYDNEY	COUNCIL		4,839	4,839



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 528				4,839	4,839
TOTAL 529	WARRINGAH	COUNCIL		69,251	69,251
				69,251	69,251
TOTAL 530	WARRINGAH	COUNCIL		51,394	51,394
				51,394	51,394
TOTAL 531	GREATER LITHGOW	COUNCIL		83,448	83,448
				83,448	83,448
TOTAL 532	AUBURN	DEPARTMENT		26,737	26,737
	PARRAMATTA	DEPARTMENT		42,782	42,782
				69,519	69,519
TOTAL 533	NAMBUCCA	COUNCIL		138,450	138,450
				138,450	138,450
TOTAL 534	FAIRFIELD	DEPARTMENT		149,780	149,780
				149,780	149,780
TOTAL 535	LIVERPOOL	COUNCIL		94,580	94,580
	PENRITH	DEPARTMENT		40,431	40,431
				135,011	135,011
TOTAL 536	PENRITH	DEPARTMENT		105,027	105,027
				105,027	105,027
TOTAL 537	BLACKTOWN	DEPARTMENT		90,738	90,738
	HAWKESBURY	DEPARTMENT		38,420	38,420
	PENRITH	DEPARTMENT		28,193	28,193

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 537				157,351	157,351
538	HASTINGS	COUNCIL		125,024	125,024
TOTAL 538				125,024	125,024
539	LEETON	COUNCIL		84,925	84,925
539	MURRUMBIDGEE	COUNCIL		3,050	3,050
TOTAL 539				87,975	87,975
540	COFFS HARBOUR	COUNCIL		51,606	51,606
TOTAL 540				51,606	51,606
541	TWEED	COUNCIL		75,328	75,328
TOTAL 541				75,328	75,328
542	COFFS HARBOUR	COUNCIL		3,574	3,574
TOTAL 542				3,574	3,574
543	COOLAMON	COUNCIL		3,395	3,395
543	LOCKHART	COUNCIL		34,086	34,086
543	WAGGA WAGGA	COUNCIL		38,844	38,844
543	WAGGA WAGGA	DEPARTMENT		97,836	97,836
TOTAL 543				174,161	174,161
544	KYOGLE	COUNCIL		65,107	65,107
544	LISMORE	DEPARTMENT		85,063	85,063
544	LISMORE	DEPARTMENT		8,086	8,086
544	RICHMOND RIVER	COUNCIL		33,080	33,080
TOTAL 544				191,336	191,336
545	BALLINA	COUNCIL		37,299	37,299
TOTAL 545				37,299	37,299

## STATE ROADS SYSTEM - MAINTENANCE

				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	546	BLACKTOWN	DEPARTMENT	239,218	239,218
	546			239,218	239,218
	547	CULCAIRN	COUNCIL	57,286	57,286
TOTAL	547	HUME	COUNCIL	6,853	6,853
				64,139	64,139
TOTAL	548	HORNSBY	COUNCIL	928-	928-
	548			928-	928-
	549	ASHFIELD	COUNCIL	926-	926-
TOTAL	549	BURWOOD	COUNCIL	262-	262-
				1,188-	1,188-
	550	BERRIGAN	COUNCIL	39,484	39,484
TOTAL	550	COROWA	COUNCIL	50,993	50,993
	550			90,477	90,477
TOTAL	551	BERRIGAN	COUNCIL	12,548	12,548
	551			12,548	12,548
	552	CONARGO	COUNCIL	119,766	119,766
	552	DENILIKUIN	COUNCIL	4,959	4,959
TOTAL	552	JERILDERIE	COUNCIL	11,811	11,811
				136,536	136,536
	553	MANILLA	COUNCIL	6,925	6,925
TOTAL	553	PARRY	COUNCIL	13,202	13,202
				20,127	20,127
TOTAL	554	INVERELL	COUNCIL	15,566	15,566
	554			15,566	15,566



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 555	BALLINA	COUNCIL		8,045	8,045
555				8,045	8,045
556	KEMPSEY	COUNCIL		2,502	2,502
556	KEMPSEY	DEPARTMENT		73,388	73,388
556	KEMPSEY	COUNCIL		17,344	17,344
TOTAL 556				93,234	93,234
557	GREATER LITHGOW	COUNCIL		39,931	39,931
TOTAL 557				39,931	39,931
558	ONERON	COUNCIL		91,634	91,634
TOTAL 558				91,634	91,634
559	ORANGE	COUNCIL		17,395	17,395
TOTAL 559				17,395	17,395
560	EUROBODALLA	COUNCIL		1,170	1,170
TOTAL 560				1,170	1,170
561	BEGA VALLEY	COUNCIL		7,485	7,485
TOTAL 561				7,485	7,485
562	BEGA VALLEY	COUNCIL		9,989	9,989
TOTAL 562				9,989	9,989
563	BOMBALA	COUNCIL		364-	364-
TOTAL 563				364-	364-
564	BERRIGAN	COUNCIL		31,026	31,026
564	JERILDERIE	COUNCIL		21,606	21,606

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 564				52,632	52,632
TOTAL 565	MUDGEES	COUNCIL		12,206	12,206
				12,206	12,206
TOTAL 566	BOMBALA	COUNCIL		83	83
				83	83
567	DUNGO	COUNCIL		30,664	30,664
567	DUNGO	DEPARTMENT		41,774	41,774
567	GREAT LAKES	COUNCIL		4,349	4,349
TOTAL 567				76,787	76,787
TOTAL 568	WOLLONGONG	COUNCIL		23,669	23,669
				23,669	23,669
TOTAL 569	WINGECARRIBEE	COUNCIL		47,184	47,184
				47,184	47,184
570	BLUE MOUNTAINS	COUNCIL		151,348	151,348
570	HAWKESBURY	DEPARTMENT		52,889	52,889
570	PENRITH	DEPARTMENT		706	706
TOTAL 570				204,943	204,943
TOTAL 571	KIAMA	COUNCIL		39,971	39,971
				39,971	39,971
572	GILGANDRA	COUNCIL		7,611	7,611
572	NARROMINE	DEPARTMENT		7,610	7,610
TOTAL 572				15,221	15,221
573	CABONNE	COUNCIL		51,735	51,735

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	573	ORANGE	COUNCIL	19,709	19,709
	573	WELLINGTON	COUNCIL	162,511	162,511
	573			233,955	233,955
TOTAL	574	PARRAMATTA	DEPARTMENT	55,735	55,735
	574			55,735	55,735
TOTAL	575	HASTINGS	COUNCIL	5,436	5,436
	575	HASTINGS	DEPARTMENT	1,721	1,721
	575	HASTINGS	COUNCIL	97,845	97,845
	575			105,002	105,002
TOTAL	576	BOOROWA	COUNCIL	31,827	31,827
	576	COWRA	COUNCIL	65,918	65,918
	576			97,745	97,745
TOTAL	577	BROKEN HILL	COUNCIL	18,844	18,844
	577			18,844	18,844
TOTAL	578	LIVERPOOL	COUNCIL	340	340
	578	LIVERPOOL	DEPARTMENT	9,094	9,094
	578			9,434	9,434
TOTAL	579	PARRY	COUNCIL	8,861	8,861
	579			8,861	8,861
TOTAL	580	GOSFORD	COUNCIL	19,934	19,934
	580			19,934	19,934
TOTAL	581	WOLLONGONG	COUNCIL	45,593	45,593
	581			45,593	45,593



## STATE ROADS SYSTEM - MAINTENANCE

APPENDIX 7.0060

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 582	WOLLONGONG	COUNCIL		284-	284-
				284-	284-
583	BALRANALD	DEPARTMENT		4,739	4,739
583	BALRANALD	DEPARTMENT		51,702	51,702
TOTAL 583				56,441	56,441
584	QUEANBEYAN	COUNCIL		54,230	54,230
584	YARROWLUMLA	COUNCIL		32,649	32,649
TOTAL 584				86,879	86,879
585	SNOWY RIVER	COUNCIL		30,041	30,041
TOTAL 585				30,041	30,041
587	HORNSBY	DEPARTMENT		43,740	43,740
TOTAL 587				43,740	43,740
588	GREATER CESSNOCK	COUNCIL		52,358	52,358
588	NEWCASTLE	COUNCIL		14,372	14,372
TOTAL 588				66,730	66,730
589	CONCORD	COUNCIL		4,284	4,284
TOTAL 589				4,284	4,284
590	GOSFORD	COUNCIL		80,073	80,073
590	GREATER CESSNOCK	COUNCIL		6,545	6,545
TOTAL 590				86,618	86,618
592	SYDNEY	DEPARTMENT		328,054	328,054
TOTAL 592				328,054	328,054
593	SYDNEY	COUNCIL		30,616	30,616

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 593				30,616	30,616
TOTAL 594	SYDNEY	COUNCIL		1,836	1,836
				1,836	1,836
TOTAL 595	SYDNEY	COUNCIL		1,836	1,836
				1,836	1,836
596	JERILDERIE	COUNCIL		4,662	4,662
596	MURRUMBIDGEE	COUNCIL		17,083	17,083
596	NARRANDERA	COUNCIL		1,801	1,801
596	URANA	COUNCIL		5,284	5,284
TOTAL 596				28,830	28,830
TOTAL 597	GREATER CESSNOCK	COUNCIL		26,179	26,179
				26,179	26,179
598	MERRIWA	COUNCIL		10,416	10,416
598	MUDGEES	COUNCIL		31,726	31,726
TOTAL 598				42,142	42,142
599	NORTH SYDNEY	COUNCIL		8,464	8,464
599	WILLOUGHBY	DEPARTMENT		98,838	98,838
TOTAL 599				107,302	107,302
TOTAL 600	HASTINGS	COUNCIL		53,165	53,165
				53,165	53,165
TOTAL 601	PORT STEPHENS	COUNCIL		1,583	1,583
				1,583	1,583
602	WOLLONGONG	COUNCIL		326-	326-

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 602				326-	326-
TOTAL 603	NEWCASTLE	COUNCIL		5,493 5,493	5,493 5,493
TOTAL 604	NEWCASTLE	COUNCIL		52,027 52,027	52,027 52,027
TOTAL 605	NEWCASTLE	COUNCIL		44,338 44,338	44,338 44,338
TOTAL 607	MAITLAND	COUNCIL		19,028 19,028	19,028 19,028
TOTAL 609	FAIRFIELD	DEPARTMENT		36,461 36,461	36,461 36,461
TOTAL 610	WOLLONDILLY	COUNCIL		74,031 74,031	74,031 74,031
TOTAL 611	SHELLHARBOUR	COUNCIL		18,251 18,251	18,251 18,251
TOTAL 612	WOLLONDILLY	COUNCIL		177,724 177,724	177,724 177,724
TOTAL 613	WOLLONGONG	COUNCIL		65,118 65,118	65,118 65,118
614	CROOKWELL	COUNCIL		68,293	68,293

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 614				68,293	68,293
615	GOSFORD	DEPARTMENT		10,732	10,732
615	GOSFORD	COUNCIL		8,697	8,697
615	GOSFORD	COUNCIL		5,092-	5,092-
TOTAL 615				14,337	14,337
616	BOTANY	DEPARTMENT		1,375	1,375
616	RANDWICK	DEPARTMENT		929	929
TOTAL 616				2,304	2,304
617	BOTANY	DEPARTMENT		10,002	10,002
TOTAL 617				10,002	10,002
618	COOLAH	COUNCIL		92,574	92,574
618	MERRIWA	COUNCIL		27,159	27,159
TOTAL 618				119,733	119,733
619	WALGETT	COUNCIL		179,290	179,290
TOTAL 619				179,290	179,290
622	TENTERFIELD	COUNCIL		1,825-	1,825-
622	TENTERFIELD	COUNCIL		221,456	221,456
TOTAL 622				219,631	219,631
TOTAL MAIN ROADS			20,073	52,840,601	52,860,674



STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
OTHER ROADS					
TOTAL 1306	BOURKE	DEPARTMENT		294,799	294,799
TOTAL 1306				294,799	294,799
2005	SYDNEY	COUNCIL		98-	98-
TOTAL 2005				98-	98-
2007	MARRICKVILLE	COUNCIL		41,969	41,969
TOTAL 2007				41,969	41,969
2008	BOTANY	COUNCIL		2,616	2,616
2008	SYDNEY	COUNCIL		98-	98-
TOTAL 2008				2,518	2,518
2011	SYDNEY	COUNCIL		98-	98-
TOTAL 2011				98-	98-
2013	ASHFIELD	COUNCIL		2,486	2,486
2013	DRUMMOYNE	COUNCIL		1,853	1,853
2013	LEICHHARDT	COUNCIL		1,445	1,445
TOTAL 2013				5,784	5,784
2014	CANTERBURY	COUNCIL		24,165	24,165
2014	ROCKDALE	COUNCIL		37,641	37,641
TOTAL 2014				61,806	61,806
2018	ASHFIELD	COUNCIL		258	258
2018	MARRICKVILLE	COUNCIL		6,641	6,641
TOTAL 2018				6,899	6,899
2019	MOSMAN	COUNCIL		26	26
2019	NORTH SYDNEY	COUNCIL		2,968	2,968

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 2019				2,994	2,994
2021	CANTERBURY	DEPARTMENT		6,698	6,698
2021	CANTERBURY	COUNCIL		51,192	51,192
2021	MARRICKVILLE	COUNCIL		8,705	8,705
2021	MARRICKVILLE	DEPARTMENT		6,698	6,698
TOTAL 2021				73,293	73,293
2024	RYDE	COUNCIL		24,067	24,067
TOTAL 2024				24,067	24,067
TOTAL 2027	ASHFIELD	COUNCIL		955	955
2027	BURWOOD	COUNCIL		261	261
TOTAL 2027				1,216	1,216
2028	ASHFIELD	COUNCIL		10,960	10,960
2028	MARRICKVILLE	COUNCIL		19,476	19,476
TOTAL 2028				30,436	30,436
2029	WILLOUGHBY	COUNCIL		2,541	2,541
TOTAL 2029				2,541	2,541
2030	HAWKESBURY	COUNCIL		724	724
TOTAL 2030				724	724
2032	ROCKDALE	COUNCIL		25,279	25,279
TOTAL 2032				25,279	25,279
2033	HUNTERS HILL	DEPARTMENT		1,953	1,953
2033	HUNTERS HILL	COUNCIL		11,423	11,423
2033	RYDE	COUNCIL		4,893	4,893
TOTAL 2033				18,269	18,269

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
2034	SUTHERLAND	DEPARTMENT		548	548
2034	SUTHERLAND	COUNCIL		23,613	23,613
TOTAL 2034				24,161	24,161
2035	HORNSBY	COUNCIL		102,708	102,708
TOTAL 2035				102,708	102,708
2036	MOSMAN	COUNCIL		2,512	2,512
2036	NORTH SYDNEY	COUNCIL		987	987
TOTAL 2036				3,499	3,499
2039	BLUE MOUNTAINS	COUNCIL		5,450	5,450
TOTAL 2039				5,450	5,450
2040	ASHFIELD	COUNCIL		1,100	1,100
2040	CANTERBURY	COUNCIL		28,522	28,522
TOTAL 2040				29,622	29,622
2041	HURSTVILLE	COUNCIL		219,045	219,045
2041	ROCKDALE	COUNCIL		27,807	27,807
TOTAL 2041				246,852	246,852
2042	LEICHHARDT	COUNCIL		8,729	8,729
TOTAL 2042				8,729	8,729
2043	HORNSBY	COUNCIL		23,218	23,218
TOTAL 2043				23,218	23,218
2044	BLUE MOUNTAINS	COUNCIL		1,090-	1,090-
TOTAL 2044				1,090-	1,090-
2046	LEICHHARDT	COUNCIL		15,275	15,275

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 2046				15,275	15,275
2048	PENRITH	COUNCIL		2,199-	2,199-
TOTAL 2048				2,199-	2,199-
2049	PARRAMATTA	COUNCIL		5,680	5,680
TOTAL 2049				5,680	5,680
2050	CANTERBURY	COUNCIL		4,577	4,577
2050	HURSTVILLE	COUNCIL		6,575	6,575
TOTAL 2050				11,152	11,152
2052	HUNTERS HILL	COUNCIL		12,992	12,992
2052	RYDE	COUNCIL		2,888	2,888
TOTAL 2052				15,880	15,880
2056	ASHFIELD	COUNCIL		4,623	4,623
2056	ASHFIELD	DEPARTMENT		1,132	1,132
2056	LEICHHARDT	DEPARTMENT		1,131	1,131
2056	LEICHHARDT	COUNCIL		1,445	1,445
TOTAL 2056				8,331	8,331
2057	AUBURN	COUNCIL		25,123	25,123
2057	STRATHFIELD	COUNCIL		4,905	4,905
TOTAL 2057				30,028	30,028
2058	RYDE	COUNCIL		523-	523-
TOTAL 2058				523-	523-
2059	CONCORD	COUNCIL		1,562	1,562
2059	DRUMMOYNE	COUNCIL		4,796	4,796
TOTAL 2059				6,358	6,358



STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
2060	CANTERBURY	COUNCIL		10,847	10,847
TOTAL 2060				10,847	10,847
2061	BANKSTOWN	COUNCIL		15,984	15,984
TOTAL 2061				15,984	15,984
2063	HAWKESBURY	COUNCIL		4,082	4,082
2063	PENRITH	COUNCIL		1,308-	1,308-
TOTAL 2063				2,774	2,774
2064	ASHFIELD	COUNCIL		1,384	1,384
TOTAL 2064				1,384	1,384
2065	ASHFIELD	COUNCIL		955	955
TOTAL 2065				955	955
2066	PARRAMATTA	COUNCIL		52,596	52,596
TOTAL 2066				52,596	52,596
2068	BANKSTOWN	COUNCIL		33,293	33,293
TOTAL 2068				33,293	33,293
2069	AUBURN	COUNCIL		9,743	9,743
TOTAL 2069				9,743	9,743
2070	LANE COVE	COUNCIL		55,601	55,601
2070	NORTH SYDNEY	COUNCIL		855-	855-
TOTAL 2070				54,746	54,746
2071	FAIRFIELD	COUNCIL		37,468	37,468
2071	HOLROYD	COUNCIL		5,791	5,791
2071	LIVERPOOL	COUNCIL		4,795	4,795

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 2071				48,054	48,054
2073	LEICHHARDT	COUNCIL		1,445	1,445
TOTAL 2073				1,445	1,445
2074	RANDWICK	COUNCIL		18,308	18,308
TOTAL 2074				18,308	18,308
2075	SUTHERLAND	COUNCIL		64,959	64,959
TOTAL 2075				64,959	64,959
2076	SUTHERLAND	COUNCIL		3,320	3,320
TOTAL 2076				3,320	3,320
2077	SYDNEY	COUNCIL		98-	98-
TOTAL 2077				98-	98-
2079	ROCKDALE	COUNCIL		15,518	15,518
TOTAL 2079				15,518	15,518
2080	ROCKDALE	COUNCIL		37,184	37,184
TOTAL 2080				37,184	37,184
2081	RYDE	COUNCIL		12,722	12,722
TOTAL 2081				12,722	12,722
2083	SYDNEY	COUNCIL		111-	111-
TOTAL 2083				111-	111-
2084	BAULKHAM HILLS	COUNCIL		14,393	14,393

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
2084	ELACKTOWN	COUNCIL		89,760	89,760
TOTAL 2084				104,153	104,153
2085	BLACKTOWN	COUNCIL		14,878	14,878
TOTAL 2085				14,878	14,878
2086	ROCKDALE	COUNCIL		4,774	4,774
TOTAL 2086				4,774	4,774
2087	STRATHFIELD	COUNCIL		18,312	18,312
TOTAL 2087				18,312	18,312
2088	FAIRFIELD	COUNCIL		63,908	63,908
TOTAL 2088				63,908	63,908
2089	WOOLLAHRA	COUNCIL		1,011-	1,011-
TOTAL 2089				1,011-	1,011-
2090	BANKSTOWN	COUNCIL		6,355	6,355
TOTAL 2090				6,355	6,355
2091	NORTH SYDNEY	COUNCIL		3,046-	3,046-
2091	WILLOUGHBY	COUNCIL		1,034	1,034
TOTAL 2091				2,012-	2,012-
2092	LANE COVE	COUNCIL		3,392	3,392
2092	WILLOUGHBY	COUNCIL		7,045	7,045
TOTAL 2092				10,437	10,437
2093	NORTH SYDNEY	COUNCIL		53-	53-
2093	WILLOUGHBY	COUNCIL		5,032	5,032
2093	WILLOUGHBY	DEPARTMENT		2,264	2,264

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 2093				7,243	7,243
2094	BANKSTOWN	COUNCIL		2,851	2,851
TOTAL 2094				2,851	2,851
2095	DRUMMOYNE	COUNCIL		2,071	2,071
TOTAL 2095				2,071	2,071
2096	AUBURN	COUNCIL		4,279	4,279
2096	PARRAMATTA	COUNCIL		23,716	23,716
TOTAL 2096				27,995	27,995
2098	HOLROYD	COUNCIL		31,257	31,257
2098	PARRAMATTA	COUNCIL		4,964	4,964
TOTAL 2098				36,221	36,221
2099	MARRICKVILLE	COUNCIL		76,682	76,682
TOTAL 2099				76,682	76,682
4001	WOLLONDILLY	COUNCIL		367-	367-
TOTAL 4001				367-	367-
4002	DUMARESQ	COUNCIL		18,770	18,770
TOTAL 4002				18,770	18,770
4003	QUIRINDI	COUNCIL		598	598
TOTAL 4003				598	598
4004	BLUE MOUNTAINS	COUNCIL		164	164
TOTAL 4004				164	164



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
4005	WARRINGAH	DEPARTMENT		94,126	94,126
TOTAL 4005				94,126	94,126
4006	BAULKHAM HILLS	COUNCIL		11,921	11,921
TOTAL 4006				11,921	11,921
4007	COFFS HARBOUR	COUNCIL		614	614
TOTAL 4007				614	614
4008	NAMBUCCA	COUNCIL		870	870
TOTAL 4008				870	870
4009	GOSFORD	COUNCIL		25,859	25,859
TOTAL 4009				25,859	25,859
4010	GUYRA	COUNCIL		636	636
TOTAL 4010				636	636
4013	TWEED	COUNCIL		10,284	10,284
TOTAL 4013				10,284	10,284
4015	BEGA VALLEY	COUNCIL		1,035	1,035
TOTAL 4015				1,035	1,035
4016	SNOWY RIVER	DEPARTMENT		4,032	4,032
TOTAL 4016				4,032	4,032
4017	GOSFORD	COUNCIL		3,241	3,241
TOTAL 4017				3,241	3,241

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
4018	BLUE MOUNTAINS	COUNCIL		55	55
TOTAL 4018				55	55
4019	BLUE MOUNTAINS	COUNCIL		164	164
TOTAL 4019				164	164
4020	SUTHERLAND	DEPARTMENT		1,175	1,175
TOTAL 4020				1,175	1,175
4021	SCONE	COUNCIL		2,444	2,444
TOTAL 4021				2,444	2,444
4023	SNOWY RIVER	COUNCIL		6,315	6,315
TOTAL 4023				6,315	6,315
4025	SUTHERLAND	DEPARTMENT		1,022	1,022
TOTAL 4025				1,022	1,022
4026	RYDE	DEPARTMENT		14,666	14,666
TOTAL 4026				14,666	14,666
4028	TWEED	COUNCIL		32,604	32,604
TOTAL 4028				32,604	32,604
4029	BLUE MOUNTAINS	COUNCIL		1,635	1,635
TOTAL 4029				1,635	1,635
4030	HASTINGS	COUNCIL		24,425	24,425
TOTAL 4030				24,425	24,425

## STATE ROADS SYSTEM - MAINTENANCE

APPENDIX 7.0074

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
4031	SUTHERLAND	COUNCIL		28-	28-
TOTAL 4031				28-	28-
4032	KEMPSEY	COUNCIL		4,675	4,675
TOTAL 4032				4,675	4,675
4033	YASS	COUNCIL		6,161	6,161
TOTAL 4033				6,161	6,161
4034	MACLEAN	COUNCIL		1,196	1,196
TOTAL 4034				1,196	1,196
4035	GREAT LAKES	COUNCIL		10,763	10,763
TOTAL 4035				10,763	10,763
4037	BEGA VALLEY	COUNCIL		6,325	6,325
TOTAL 4037				6,325	6,325
4038	WINGECARRIBEE	COUNCIL		3,850	3,850
TOTAL 4038				3,850	3,850
4039	BLUE MOUNTAINS	COUNCIL		2,452	2,452
TOTAL 4039				2,452	2,452
4040	SNOWY RIVER	COUNCIL		11,065	11,065
TOTAL 4040				11,065	11,065
4041	WADE	COUNCIL		702-	702-
TOTAL 4041				702-	702-

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
4042	WOLLONGONG	COUNCIL		1,799	1,799
TOTAL 4042				1,799	1,799
4043	SNOWY RIVER	COUNCIL		6,257	6,257
TOTAL 4043				6,257	6,257
4044	WINGECARRIBEE	COUNCIL		1,286	1,286
TOTAL 4044				1,286	1,286
4046	EVANS	COUNCIL		2,016	2,016
TOTAL 4046				2,016	2,016
4049	ULMARRA	COUNCIL		7,328	7,328
TOTAL 4049				7,328	7,328
4050	WAGGA WAGGA	COUNCIL		165-	165-
TOTAL 4050				165-	165-
4051	BALLINA	COUNCIL		18,309	18,309
TOTAL 4051				18,309	18,309
4052	BLUE MOUNTAINS	COUNCIL		164	164
TOTAL 4052				164	164
4053	COONABARABRAN	COUNCIL		12,725	12,725
4053	COONAMBLE	COUNCIL		20,678	20,678
TOTAL 4053				33,403	33,403
4054	EUROBODALLA	COUNCIL		2,097	2,097
TOTAL 4054				2,097	2,097



## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
4056	SNOWY RIVER	COUNCIL		16,578	16,578
TOTAL 4056				16,578	16,578
5013	CANTERBURY	DEPARTMENT		1,003	1,000
TOTAL 5013				1,000	1,000
5016	BANKSTOWN	DEPARTMENT		111,298	111,298
TOTAL 5016				111,298	111,298
5037	BAULKHAM HILLS	DEPARTMENT		6,756	6,756
5037	PARRAMATTA	DEPARTMENT		205,199	205,199
TOTAL 5037				211,955	211,955
5062	BOTANY	DEPARTMENT		31,005	31,005
5062	RANDWICK	DEPARTMENT		55,146	55,146
TOTAL 5062				86,151	86,151
UNCL	ASHFIELD	DEPARTMENT		10,756	10,756
UNCL	BROKEN HILL	DEPARTMENT		2,291	2,291
UNCL	CONCORD	DEPARTMENT		333,093	333,093
UNCL	DRUMMOYNE	DEPARTMENT		18,118	18,118
UNCL	DUNGOG	DEPARTMENT		8,592	8,592
UNCL	GUNNEDAH	DEPARTMENT		38,670	38,670
UNCL	HUNTERS HILL	DEPARTMENT		5,146	5,146
UNCL	INVERELL	DEPARTMENT		14,390	14,390
UNCL	KIAMA	COUNCIL		1,048	1,048
UNCL	KU-RING-GAI	DEPARTMENT		72,187	72,187
UNCL	KYOGLE	COUNCIL		109	109
UNCL	KYOGLE	DEPARTMENT		7,618	7,618
UNCL	LANE COVE	DEPARTMENT		22,688	22,688
UNCL	LEETON	DEPARTMENT		208	208
UNCL	LEICHHARDT	DEPARTMENT		23,986	23,986
UNCL	MACLEAN	DEPARTMENT		14,899	14,899
UNCL	MAITLAND	DEPARTMENT		6,523	6,523
UNCL	MANLY	DEPARTMENT		75,334	75,334
UNCL	MARRICKVILLE	DEPARTMENT		123	123
UNCL	MOSMAN	DEPARTMENT		423	423
UNCL	MUDGEES	COUNCIL		340	340
UNCL	NAMBUCCA	COUNCIL		10,763	10,763
UNCL	NORTH SYDNEY	DEPARTMENT		960,565	960,565

## STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
UNCL	PARRAMATTA	DEPARTMENT		10,028	10,028
UNCL	RICHMOND RIVER	DEPARTMENT		15,217	15,217
UNCL	SINGLETON	DEPARTMENT		34,789	34,789
UNCL	SNOWY RIVER	DEPARTMENT		267,813	267,813
UNCL	SYDNEY	DEPARTMENT		3,589	3,589
UNCL	SYDNEY	DEPARTMENT		1,215,613	1,215,613
UNCL	TUMBARUMBA	DEPARTMENT		408,013	408,013
UNCL	TUMUT	DEPARTMENT		82,305	82,305
UNCL	TWEED	COUNCIL		11,494	11,494
UNCL	ULMARRA	COUNCIL		870	870
UNCL	ULMARRA	DEPARTMENT		222,494	222,494
UNCL	WAKOOL	DEPARTMENT		109,792	109,792
UNCL	WARRINGAH	DEPARTMENT		67,416	67,416
UNCL	WILLOUGHBY	DEPARTMENT		25,898	25,898
UNCL	WOLLONDILLY	COUNCIL		39,552	39,552
TOTAL UNCL				4,142,753	4,142,753
TOTAL OTHER ROADS				6,826,283	6,826,283

## STATE ROADS SYSTEM - MAINTENANCE

## SUMMARY

## EXPENDITURE FROM FUNDS PROVIDED BY:

ROAD CLASSIFICATION	COMMONWEALTH	STATE	TOTAL
	\$	\$	\$
FREEWAYS	2,109,271	2,091,851	4,201,122
STATE HIGHWAYS	11,340,745	47,907,798	59,248,543
TRUNK ROADS		13,623,761	13,623,761
MAIN ROADS	20,073	52,840,601	52,860,674
OTHER ROADS		6,826,283	6,826,283
SUB-TOTALS	<u>13,470,089</u>	<u>123,290,294</u>	<u>136,760,383</u>
MAINTENANCE OF LAND ACQUIRED FOR FUTURE WORKS		518,179	518,179
TRAFFIC ROUTE LIGHTING SUBSIDY		814,497	814,497
ENFORCEMENT OF ORDINANCE 30C OF LOCAL GOVERNMENT ACT (NET EXPENDITURE)		4,145,821	4,145,821
MISCELLANEOUS EXPENDITURE		25,627	25,627
FINAL TOTALS	<u>13,470,089</u>	<u>128,794,418</u>	<u>142,264,507</u>

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS						\$	\$	\$
		FREEWAYS						
F1	SYDNEY	SYDNEY HARBOUR BRIDGE	DEPT	6		312,420		312,420
		DRIVER AID SCHEME						
TOTAL	F1							312,420
F4	BLACKTOWN	PROSPECT TO EMU PLAINS	DEPT	6		1,383		1,383
		EMERGENCY TELEPHONES - RELOCATION TO NEW CONTROL CENTRE						
TOTAL	F4							1,383
TOTAL		FREEWAYS				313,803		313,803



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0002

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LT <sup>H</sup>	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS								
STATE HIGHWAYS						\$	\$	\$
1	ROCKDALE	PRINCES HIGHWAY, FOREST RD & WICKHAM ST, ARNCLIFFE	DEPT	6		13,981		13,981
	RECONSTRUCTION OF SIGNALS							
1	SHOALHAVEN	EAST ST DEVIATION & MOSS ST, NOWRA	DEPT	2		39,208		39,208
	TRAFFIC SIGNALS							
1	SUTHERLAND	PRINCES HIGHWAY & BATES DR, SYLVANIA	DEPT	6		50,924		50,924
	RECONSTRUCTION OF SIGNALS							
1	SUTHERLAND	PRINCES HIGHWAY & FORMOSA ST, SYLVANIA	DEPT	6		128,528		128,528
	SIGNALS							
1	SUTHERLAND	PRINCES HIGHWAY & FARNELL AVE, LOFTUS	DEPT	6		9,140		9,140
	SIGNALS							
1	WOLLONGONG	PRINCES HIGHWAY & FIVE ISLANDS RD, UNANDERRA	DEPT	6		25,408		25,408
	SIGNALS							
	TOTAL	1						267,189
2	ALBURY	MATE ST & FALLON ST, ALBURY	DEPT	1	20,446			20,446
	SIGNALS							
2	BANKSTOWN	HUME HIGHWAY & EDGAR ST, BASS HILL	DEPT	6		61,016		61,016
	SIGNALS							
2	GUNDAGAI	HUME HIGHWAY & MIDDLE ST, SOUTH GUNDAGAI	DEPT	1	621			621
	RECONSTRUCTION OF INTERSECTION							
2	LIVERPOOL	HUME HIGHWAY, HOXTON PARK RD & TERMINUS ST, LIVERPOOL	DEPT	6		3,376		3,376
	SKID RESISTANCE							
2	LIVERPOOL	COPELAND ST & ELIZABETH DR, LIVERPOOL	DEPT	6		20,672		20,672
	RECONSTRUCTION OF SIGNALS - BLACKSPOT							
2	LIVERPOOL	HUME HIGHWAY, SHORE ST & TODMAN RD, WARWICK FARM	DEPT	6		3,812		3,812
	SIGNALS							
2	STRATHFIELD	HUME HIGHWAY, THE BOULEVARDE & CORONATION PDE, ENFIELD	DEPT	6		53,928		53,928
	SIGNAL RECONSTRUCTION							
2	WINGECARRIBEE	HUME HIGHWAY & BOWRAL RD, MITTAGONG	DEPT	1	29,482			29,482
	SIGNALS							
	TOTAL	2						193,353

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0003

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM <sup>W</sup> LTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS								
STATE HIGHWAYS (CONT'D)						\$	\$	\$
5	AUBURN	PARRAMATTA RD, SILVERWATER RD & HILLERS RD, AUBURN RECONSTRUCTION OF SIGNALS - BLACKSPOT	DEPT	6		39,503		39,503
5	BLUE MOUNTAINS	MT HAY RD & BRITAIN ST, LEURA PEDESTRIAN OVERBRIDGE	DEPT	6		79,791		79,791
5	BLUE MOUNTAINS	WARRIMOO RAILWAY STATION, WARRIMOO SIGNALS	DEPT	6		74,069		74,069
5	HOLROYD	SH5, JONES ST & BERITH ST, PENDLE HILL RECONSTRUCTION OF SIGNALS	DEPT	6		61		61
5	LEICHHARDT	PARRAMATTA RD & RAILWAY ST, PETERSHAM SIGNALS	DEPT	6		19,042		19,042
TOTAL		5						212,466
7	DUBBO	COBRA ST & DARLING ST, DUBBO LEFT TURN LANE	DEPT	1		28,317		28,317
7	ORANGE	4.76 KM WEST OF ORANGE AT AMMERDOWN SUBDIVISION ACCESS JUNCTION	DEPT	1		-47,130		-47,130
7	ORANGE	4.76 KM WEST OF ORANGE AT AMMERDOWN SUBDIVISION ACCESS JUNCTION	DEPT	1		52,427		52,427
TOTAL		7						33,614
9	ARMIDALE	BARNEY ST & MARSH ST, ARMIDALE IMPROVEMENT OF INTERSECTION	COUNCIL	1	5,536			5,536
9	DUMARESQ	SH9 & PLATFORM RD, DUMARESQ STORMWATER DRAINAGE	COUNCIL	1	10,706			10,706
9	MAITLAND	NEW ENGLAND HIGHWAY & PARALLEL ST, MAITLAND SIGNALS	DEPT	6	16,891			16,891
9	MUSWELLBROOK	NEW ENGLAND HIGHWAY & SYDNEY ST, MUSWELLBROOK SIGNALS	DEPT	1	43,066			43,066
9	TAMWORTH	TAMWORTH CITY INSTALLATION OF AUDIO-TACTILE DEVICES	DEPT	1	5,955			5,955
TOTAL		9						82,154

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0004

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS								
STATE HIGHWAYS (CONT'D)								
					\$	\$	\$	\$
10	COFFS HARBOUR RECONSTRUCTION OF SIGNALS	SH10, ORLANDO ST & BRAY ST, COFFS HARBOUR	DEPT	1		-546		-546
10	GOSFORD SIGNALS	MANN ST & ETNA ST, GOSFORD	DEPT	6		21,876		21,876
10	HORNSBY SIGNALS	GLENVIEW RD & PACIFIC HIGHWAY, MT KURING-GAI	DEPT	6		46,899		46,899
10	KEMPSEY SIGNALS	SMITH ST & BELGRAVE ST, KEMPSEY	DEPT	1		786		786
10	KU-RING-GAI SIGNALS	PACIFIC HIGHWAY & ROHINI ST, TURRAMURRA	DEPT	6		863		863
10	LAKE MACQUARIE SIGNALS	PACIFIC HIGHWAY & LAKE RD, SWANSEA	DEPT	6		10,446		10,446
10	LAKE MACQUARIE PEDESTRIAN SIGNALS	PACIFIC HIGHWAY NORTH OF PARBURY RD, SWANSEA	DEPT	6		677		677
10	NORTH SYDNEY SIGNALS	PACIFIC HIGHWAY & HAZELBANK RD, NORTH SYDNEY	DEPT	6		150		150
10	NORTH SYDNEY REROUTING OF TRAFFIC FLOW	MOUNT ST, ARTHUR ST & HIGH ST, NORTH SYDNEY	DEPT	6		62,566		62,566
10	TWEED SIGNALS	PACIFIC HIGHWAY & KIRKWOOD RD, TWEED HEADS	DEPT	6		25,952		25,952
10	TWEED SIGNALS	BLUNDELL BOULEVARDE & PACIFIC HIGHWAY, SOUTH TWEED HEADS	DEPT	6		25,103		25,103
10	ULMARRA IMPROVEMENT OF INTERSECTION	27.0 KM TO 27.31 KM NORTH OF GRAFTON AT TYNDALE	DEPT	1		2,553		2,553
10	WYONG TURNING LANES	PACIFIC HIGHWAY & YURUGA AVE, DOYALSON	DEPT	6	21,689			21,689
10	WYONG SIGNALS	PACIFIC HIGHWAY & ALISON RD, WYONG	DEPT	6	746			746
10	WYONG TEMPORARY BAILEY PEDESTRIAN OVERBRIDGE	PACIFIC HIGHWAY AT LAKE MUNMORAH SCHOOL	DEPT	6		23,459		23,459
TOTAL		10						243,219

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0005

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		STATE HIGHWAYS (CONT'D)				\$	\$	\$
13	BAULKHAM HILLS SIGNALS	PENNANT HILLS RD, LLOYDS AVE & TIPTREES AVE, CARLINGFORD	DEPT	6		195		195
13	FAIRFIELD SKID RESISTANCE	SH5, MR532, SH2, SR2094, SH13 & GUILDFORD RD	DEPT	6		120,473		120,473
13	PARRAMATTA AUDIO TACTILE DEVICES AT PEDESTRIAN SITES	VARIOUS LOCATIONS WITHIN YENNORA W.O. AREA	DEPT	6		21,870		21,870
13	PARRAMATTA RECONSTRUCTION OF SIGNALS	PENNANT HILLS RD & MARSDEN RD, CARLINGFORD	DEPT	6		-4,923		-4,923
TOTAL		13						137,615
16	BALLINA CHANNELISATION & IMPROVEMENT OF INTERSECTION	BRUXNER HIGHWAY & DALEY ST, ALSTONVILLE	COUNCIL	2		13,275		13,275
16	LISMORE ROUNDAABOUT	UNION ST & ELLIOT ST, LISMORE	COUNCIL	2		107,984		107,984
TOTAL		16						121,259
17	JERILDERIE CHANNELISATION OF INTERSECTION	NEWELL HIGHWAY & MR552, JERILDERIE	COUNCIL	1		5,905		5,905
17	NARRABRI IMPROVEMENT OF INTERSECTION	46.1 KM NORTH OF NARRABRI	COUNCIL	1		26,201		26,201
TOTAL		17						32,106
TOTAL		STATE HIGHWAYS				155,138	1,167,837	1,322,975



TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0006

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM <sup>W</sup> LT <sup>H</sup>	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS							
	TRUNK ROADS				\$	\$	\$
54	GOULBURN	GOLDSMITH ST & BOURKE ST, GOULBURN					
	ROUNDABOUT		COUNCIL	2	67,176		67,176
54	GOULBURN	GOLDSMITH ST & BOURKE ST, GOULBURN					
	SIGNALS		DEPT	2	177		177
	TOTAL	54					67,353
78	YOUNG	CAMPBELL ST, BACK CREEK RD & CUNICH ST, YOUNG					
	CHANNELISATION OF INTERSECTION		COUNCIL	2	1,662		1,662
	TOTAL	78					1,662
80	GRIFFITH	BANNA AVE & ULONG ST, GRIFFITH					
	SIGNALS		DEPT	3	18,619		18,619
80	GRIFFITH	BANNA AVE & JONDERRYAN ST, GRIFFITH					
	SIGNALS		DEPT	3	41,693		41,693
	TOTAL	80					60,312
	TOTAL	TRUNK ROADS			129,327		129,327

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0007

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS								
MAIN ROADS								
						\$	\$	\$
155	PENRITH	CASTLEREAGH RD & BMG QUARRY RD, PENRITH	DEPT	7		-6,697		-6,697
	SIGNALS							
	TOTAL	155						-6,697
158	RYDE	MARSDEN RD & TERRY RD, EASTWOOD	DEPT	6		33,702		33,702
	SIGNALS							
	TOTAL	158						33,702
159	MANLY	PITTWATER RD, BELGRAVE ST & RAGLAN ST, MANLY	DEPT	6		85,031		85,031
	SIGNALS							
159	MANLY	BELGRAVE ST, EAST ESPLANADE & WEST ESPLANADE, MANLY	DEPT	7		89,872		89,872
	RECONSTRUCTION OF SIGNALS							
	TOTAL	159						174,903
160	BAULKHAM HILLS	OLD NORTHERN RD & CECIL ST, CASTLE HILL	DEPT	6		8,879		8,879
	SIGNALS							
160	BAULKHAM HILLS	OLD NORTHERN RD & OLIVE ST, BAULKHAM HILLS	DEPT	6		9,660		9,660
	SIGNALS							
	TOTAL	160						18,539
164	MANLY	SYDNEY RD & BELGRAVE RD, MANLY	DEPT	6		15,562		15,562
	RECONSTRUCTION OF SIGNALS							
	TOTAL	164						15,562
167	BANKSTOWN	MILPERRA RD & MURRAY JONES DR, MILPERRA	DEPT	6		2,038		2,038
	SIGNALS							
167	CANTERBURY	CANTERBURY RD & BELMORE RD, PUNCHBOWL	DEPT	6		89,180		89,180
	RECONSTRUCTION OF SIGNALS							
	TOTAL	167						91,218
171	RANDWICK	TAY ST TO DONCASTER AVE, KENSINGTON	DEPT	6		2,205		2,205
	BIKEWAY							

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0008

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		MAIN ROADS (CONT'D)			\$	\$	\$
TOTAL	171						2,205
173	WOOLLAHRA SIGNALS	NEW SOUTH HEAD RD & WILLIAMS ST, DOUBLE BAY	DEPT	6	20,628		20,628
173	WOOLLAHRA SIGNALS	NEW SOUTH HEAD RD & WOLSELEY RD, POINT PIPER	DEPT	6	15,964		15,964
TOTAL	173						36,592
177	CAMPBELLTOWN SIGNALS	CAMPBELLTOWN RD & LEUMEAH RD, CAMPBELLTOWN	DEPT	6	61,719		61,719
TOTAL	177						61,719
183	BOTANY RECONSTRUCTION OF SIGNALS	GARDENERS RD & DALMENY AVE, EASTLAKES	DEPT	6	37,305		37,305
183	MARRICKVILLE SIGNALS	CANAL RD & COOKS RIVER GOODS YARD ENTRANCE, ST. PETERS	DEPT	6	213,159		213,159
TOTAL	183						250,464
184	BAULKHAM HILLS RECONSTRUCTION OF SIGNALS	WINDSOR RD, CR5037 & BRIENS RD, NORTHMEAD	DEPT	6	1,335		1,335
184	HAWKESBURY SIGNALS	WINDSOR RD & PITT TOWN RD, MCGRATHS HILL	DEPT	6	41,251		41,251
184	HAWKESBURY WIDENING	ACCESS TO RAAF BASE AT RICHMOND	DEPT	6	5,234		5,234
184	HAWKESBURY SIGNALS	BELLS LINE OF ROAD & GROSE VALE RD, NORTH RICHMOND	DEPT	6	35,023		35,023
TOTAL	184						82,843
188	NEWCASTLE SIGNALS	GLEBE RD EAST OF NEILL ST, MEREWETHER	DEPT	6	15,935		15,935
TOTAL	188						15,935

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0009

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		MAIN ROADS (CONT'D)			\$	\$	\$
217	LAKE MACQUARIE SIGNALS	TORONTO RD & FIRST ST, BOORAGUL	DEPT	6	56,309		56,309
	TOTAL	217					56,309
227	SUTHERLAND ROUNDAABOUT	PORT HACKING RD, THE BOULEVARDE & KIORA RD, MIRANDA	DEPT	6	73,194		73,194
227	SUTHERLAND SIGNALS	PORT HACKING RD & MELROSE AVE, SYLVANIA	DEPT	6	39,491		39,491
	TOTAL	227					112,685
240	COOLAMON CHANNELISATION	MR240 & MANN ST, COOLAMON OF INTERSECTION	COUNCIL	3	43,914		43,914
	TOTAL	240					43,914
309	PARRAMATTA SIGNALS	ASTON ST & HASSALL ST, ROSEHILL	DEPT	6	42,766		42,766
	TOTAL	309					42,766
315	CANTERBURY SIGNALS	KING GEORGE'S RD & SHORTER AVE, BEVERLY HILLS	DEPT	6	35,226		35,226
315	HURSTVILLE RECONSTRUCTION	KING GEORGES RD NORTH OF NORFOLK AVE, BEVERLY HILLS OF SIGNALS	DEPT	6	9,988		9,988
	TOTAL	315					45,214
335	WYONG SIGNALS	THE ENTRANCE RD & TUGGERAH BEACH RD, LONG JETTY	DEPT	7	58,540		58,540
	TOTAL	335					58,540
339	WOOLLAHRA SIGNALS	OLD SOUTH HEAD RD & O'BRIEN ST, BONDI	DEPT	6	22,661		22,661
	TOTAL	339					22,661



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0010

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		MAIN ROADS (CONT'D)			\$	\$	\$
373	LANE COVE SIGNALS	EPPING RD, LONGUEVILLE RD & PARKLANDS AVE, LANE COVE	DEPT	6	34,213		34,213
373	RYDE RECONSTRUCTION OF SIGNALS	EPPING RD & BALACLAVA RD, MARSFIELD	DEPT	6	30,900		30,900
TOTAL 373							65,113
508	BANKSTOWN WIDENING FOR PEDESTRIANS	BRIDGE OVER SALT PAN CREEK, PADSTOW	DEPT	6	175,829		175,829
TOTAL 508							175,829
522	SHELLHARBOUR SIGNALS	SHELLHARBOUR RD, KERROSS & BARRACK AVE, BARRACK HEIGHTS	DEPT	6	46,455		46,455
522	SHELLHARBOUR SIGNALS	SHELLHARBOUR RD & TONGARRA RD, SHELLHARBOUR	DEPT	6	41,911		41,911
522	SHELLHARBOUR NORTHBOUND CLIMBING LANE	DUNMORE	COUNCIL	6	50,571		50,571
TOTAL 522							138,937
523	LEICHHARDT SIGNALS	PYRMONT BRIDGE RD & TAYLOR ST, PYRMONT	DEPT	6	13,592		13,592
TOTAL 523							13,592
527	LAKE MACQUARIE SIGNALS	MACQUARIE RD & MUNIBUNG RD, CARDIFF	DEPT	6	48,883		48,883
TOTAL 527							48,883
529	WARRINGAH RECONSTRUCTION OF SIGNALS	FOREST WAY & GLEN ST, BELROSE	DEPT	6	18,921		18,921
TOTAL 529							18,921
530	WARRINGAH SIGNALS	OLIVER ST & LAWRENCE ST, HARBORD	DEPT	7	15,831		15,831

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0011

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS					\$	\$	\$
MAIN ROADS (CONT'D)							
TOTAL	530						15,831
537	BLACKTOWN CHANNELISATION	ROOTY HILL RD NORTH & RICHMOND RD, PLUMPTON	DEPT	6		-83	-83
TOTAL	537						-83
549	ASHFIELD SIGNALS	GEORGES RIVER RD & MILTON ST, ASHFIELD	DEPT	6		4,248	4,248
TOTAL	549						4,248
568	WOLLONGONG SIGNALS	SPRINGHILL RD & BRIDGE ST, CONISTON	DEPT	6		10,718	10,718
TOTAL	568						10,718
574	PARRAMATTA PEDESTRIAN SIGNALS	STEWART ST & KING ST, DUNDAS	DEPT	7		37,574	37,574
TOTAL	574						37,574
587	HORNSBY SIGNALS	JERSEY RD & BRIDGE RD, HORNSBY	DEPT	6		50,348	50,348
TOTAL	587						50,348
609	FAIRFIELD SIGNALS	THE HORSLEY DR & TANGERINE ST, FAIRFIELD	DEPT	6		73,267	73,267
TOTAL	609						73,267
611	SHELLHARBOUR SIGNALS	ACCESS RD TO BLACKBUTT SHOPPING CENTRE	DEPT	6		48,480	48,480
TOTAL	611						48,480
TOTAL		MAIN ROADS				1,860,732	1,860,732

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0012

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		OTHER ROADS			\$	\$	\$
2013	DRUMMOYNE	RAMSAY RD & FAIRLIGHT ST, FIVE DOCK RECONSTRUCTION OF SIGNALS	DEPT	7	16,858		16,858
2013	LEICHHARDT	MARION ST & NORTON ST, LEICHHARDT RECONSTRUCTION OF SIGNALS	DEPT	7	26,287		26,287
2013	LEICHHARDT	MARION ST & BALMAIN RD, LEICHHARDT SIGNALS	DEPT	7	43,758		43,758
TOTAL 2013							86,903
2021	FORBES	VICTORIA RD & COOK ST, MARRICKVILLE SKID RESISTANCE - AC10	DEPT	6	8,138		8,138
TOTAL 2021							8,138
2027	BURWOOD	RAILWAY PDE & SHAFTESBURY RD, BURWOOD RECONSTRUCTION OF SIGNALS	DEPT	7	20,776		20,776
2027	MARRICKVILLE	ADDISON RD & LIVINGSTONE RD, MARRICKVILLE PEDESTRIAN SIGNALS	DEPT	7	16,438		16,438
TOTAL 2027							37,214
2028	ASHFIELD	CARLTON CRES & LACKEY ST, SUMMER HILL SIGNALS	DEPT	7	7,207		7,207
2028	MARRICKVILLE	TRAFALGAR ST & GORDON ST, LEWISHAM PEDESTRIAN SIGNALS	DEPT	7	384		384
TOTAL 2028							7,591
2042	LEICHHARDT	JOHNSTON ST & COLLINS ST, ANNANDALE SIGNALS AND ROADWORKS	DEPT	6	1,180		1,180
TOTAL 2042							1,180
2043	HORNSBY	EDGEWORTH DAVID AVE, MYRA ST & PALMERSTON RD, WAITARA SIGNALS	DEPT	7	95,867		95,867
TOTAL 2043							95,867

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0013

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)				\$	\$	\$
2052 RYDE SIGNALS	PITTWATER RD, PRINCES ST & THOMPSON ST, BORONIA PARK	PARK DEPT	6		3,594		3,594
TOTAL	2052						3,594
2056 ASHFIELD SIGNALS	DOBROYD PDE & WARATAH ST, HABERFIELD	DEPT	7		23,365		23,365
TOTAL	2056						23,365
2057 AUBURN SIGNALS	CHURCH ST & JOHN ST, LIDCOMBE	DEPT	7		22,983		22,983
2057 STRATHFIELD SIGNALS	BERESFORD RD & HOMEBUSH RD, STRATHFIELD	DEPT	7		31,907		31,907
TOTAL	2057						54,890
2069 AUBURN RECONSTRUCTION OF SIGNALS - BLACKSPOT	RAWSON ST & STATION RD, AUBURN	DEPT	7		21,753		21,753
TOTAL	2069						21,753
2070 LANE COVE PEDESTRIAN SIGNALS	RIVER RD WEST OF ST.VINCENTS RD, GREENWICH	DEPT	7		7,433		7,433
TOTAL	2070						7,433
2071 FAIRFIELD SIGNALS	CANLEY VALE RD & CAMBRIDGE ST, CANLEY VALE	DEPT	6		26,789		26,789
2071 FAIRFIELD ROUNDAABOUT - BLACKSPOT	POLDING ST & SMITHFIELD RD, SMITHFIELD	DEPT	6		220,831		220,831
TOTAL	2071						247,620
2074 RANDWICK SIGNALS	ANZAC PDE & BOYCE RD, MAROUBRA	DEPT	6		2,809		2,809
TOTAL	2074						2,809



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0014

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		OTHER ROADS (CONT'D)			\$	\$	\$
2084	BLACKTOWN SIGNALS	SEVEN HILLS RD & SIR JOSEPH BANKS DR, SEVEN HILLS	DEPT	6	32,428		32,428
TOTAL	2084						32,428
4030	HASTINGS IMPROVEMENT OF VISIBILITY AT BUS BAY	PRIMARY SCHOOL BUS TERMINUS, NORTH HAVEN	COUNCIL	5	46,522		46,522
TOTAL	4030						46,522
5015	PARRAMATTA SIGNALS	OLD WINDSOR RD & HARRIS RD, OLD TOONGABBIE	DEPT	7	311		311
TOTAL	5015						311
5045	WAVERLEY SIGNALS	CARINGTON RD & BIRRELL ST, WAVERLEY	DEPT	7	5,019		5,019
TOTAL	5045						5,019
ALBURY	AUDIO - TACTILE	VARIOUS LOCATIONS DEVICES	COUNCIL	4	5,975		5,975
ARMIDALE	BICYCLEWAY	NEW ENGLAND UNIVERSITY TO EAST ARMIDALE VIA CENTRAL CITY AREA	COUNCIL	4	3,701		3,701
ARMIDALE	BIKEWAY	MARKHAM ST TO TAYLOR ST, ARMIDALE	COUNCIL		22,953		22,953
AUBURN	SIGNALS	ST JOHN'S RD, LIDBURY ST & PARK RD, AUBURN	DEPT	8	45		45
AUBURN	PEDESTRIAN SIGNALS	SOUTH PDE RAILWAY BRIDGE, AUBURN	DEPT	8	592		592
AUBURN	ROUNDAABOUT - BLACKSPOT	CUMBERLAND RD & CHISWICK RD, AUBURN	COUNCIL	7	20,079		20,079
BANKSTOWN	SIGNALS	RICKARD RD & JACOBS ST, BANKSTOWN	DEPT	8	606		606
BANKSTOWN	SIGNALS	MARION ST & OXFORD ST, BANKSTOWN	DEPT	8	2,522		2,522

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0015

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		OTHER ROADS (CONT'D)			\$	\$	\$	\$
BANKSTOWN		MARION ST & EDGAR ST, CONDELL PARK	DEPT	8		39		39
	SIGNALS							
BANKSTOWN		NORTH TERRACE & FETHERSTONE ST, BANKSTOWN	DEPT	2		1,053		1,053
	PEDESTRIAN SIGNALS							
BAULKHAM HILLS		4-WAY INTERSECTIONS ON LOCAL ROADS	DEPT	9		26,046		26,046
	COMPLETION OF SIGNPOSTING FOR INTERSECTION CONTROL							
BLACKTOWN		KILDARE ST & LANCASTER ST, BLACKTOWN	DEPT	8		2,103		2,103
	SIGNALS - BLACKSPOT							
BLACKTOWN		NEWTON RD & FLUSHCOMBE RD, BLACKTOWN	DEPT	7		6,362		6,362
	RECONSTRUCTION OF SIGNALS - BLACKSPOT							
BLACKTOWN		CARLISLE ST & LUXFORD ST, MOUNT DRUITT	DEPT	8		16,000		16,000
	SIGNALS							
BLACKTOWN		GEORGE ST & BEST RD, SEVEN HILLS	COUNCIL	7		20,460		20,460
	ROUNDAABOUT							
BLACKTOWN		WOODSTOCK AVE TO MT DRUITT STATION, MT DRUITT	COUNCIL			27,536		27,536
	BIKEWAY							
BOTANY		AIRPORT DR & BRIDGE CRES, MASCOT	DEPT	6		50,006		50,006
	REALIGNMENT OF MERGE							
BOTANY		PAGEWOOD DEVELOPMENT PROJECT	DEPT	8		70,411		70,411
	RECONSTRUCTION OF SIGNALS & CHANNELISATION OF INTERSECTION							
BROKEN HILL		FOUR SITES AT BROKEN HILL	COUNCIL	4		12,786		12,786
	BICYCLEWAYS							
CAMPBELLTOWN		GILCHRIST DR & KELLICAR RD, AMBERVALE	DEPT	8		10,421		10,421
	SIGNALS							
CAMPBELLTOWN		HAROLD ST & ROSE WOOD DR, MACQUARIE FIELDS	DEPT	8		17,179		17,179
	SIGNALS							
CANTERBURY		BURWOOD RD, CAMPSIE TO FLINDERS RD, EARLWOOD	COUNCIL			51,596		51,596
	BIKEWAY							
COOLAMON		UNCONTROLLED INTERSECTIONS ON RURAL LOCAL ROADS	COUNCIL	4		59,132		59,132
	COMPLETION OF SIGNPOSTING							
COOTAMUNDRA		JUBILEE PARK, COOTAMUNDRA	COUNCIL			1,417		1,417
	BIKEWAY							

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0016

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		OTHER ROADS (CONT'D)			\$	\$	\$
FAIRFIELD		NELSON ST, BARBARA ST & STATION ST, FAIRFIELD	DEPT	7	8,047		8,047
FAIRFIELD		VARIOUS LOCATIONS	DEPT	8	111,094		111,094
FAIRFIELD		VARIOUS LOCATIONS	DEPT	7	116,496		116,496
FAIRFIELD		STATION ST, WARE ST & NELSON ST, FAIRFIELD	DEPT	8	17,958		17,958
FAIRFIELD		HAMILTON RD & KING RD, FAIRFIELD WEST	COUNCIL	7	9,730		9,730
FAIRFIELD		ROUNDABOUT - BLACKSPOT					
GLOUCESTER		ALL FOUR-WAY INTERSECTIONS ON LOCAL ROADS	DEPT	9	27,899		27,899
GLOUCESTER		COMPLETION OF SIGNPOSTING FOR INTERSECTION CONTROL					
GOSFORD		VARIOUS LOCATIONS	DEPT	8	34,831		34,831
GOSFORD		MINOR RECONSTRUCTION WORKS					
GRAFTON		GRAFTON CITY BOUNDARY TO JUNCTION HILL	COUNCIL		567		567
GRAFTON		BIKEWAY					
GREATER LITHGOW		MAIN ST & ESKBANK ST, LITHGOW	DEPT	3	2,713		2,713
GREATER LITHGOW		RECONSTRUCTION OF SIGNALS					
HOLROYD		CORNELIA RD & RAILWAY OVERBRIDGE, TOONGABBIE	DEPT	7	27,956		27,956
HOLROYD		SIGNALS					
HOLROYD		FAIRFIELD RD & MCCREDIE RD, GUILDFORD	DEPT	7	557		557
HOLROYD		SIGNALS					
HORNSBY		SUTHERLAND RD & BEECROFT RD, BEECROFT	COUNCIL	8	1,394		1,394
HORNSBY		PEDESTRIAN REFUGE ISLAND					
HUNTERS HILL		CHURCH ST & EAST SIDE OF OVERPASS RAMP, HUNTER'S HILL	DEPT	7	84,134		84,134
HUNTERS HILL		SIGNALS					
HUNTERS HILL		GLADESVILLE RD & JOUBERT ST, HUNTER'S HILL	DEPT	7	15,005		15,005
HUNTERS HILL		SIGNALS					
HURSTVILLE		PARK RD & QUEENS RD, HURSTVILLE	DEPT	8	30,696		30,696
HURSTVILLE		SIGNALS - BLACKSPOT					
KIAMA		VARIOUS LOCATIONS	COUNCIL	8	9,653		9,653
KIAMA		MINOR IMPROVEMENTS					

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0017

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)				\$	\$	\$
KU-RING-GAI SIGNALS	YANCO RD & WALLALONG CRES, PYMBLE		DEPT	8		16,193	16,193
KU-RING-GAI ROUNDABOUT	FIDDENS WHARF RD & LADY GAME DR, KILLARA		COUNCIL	7		101,708	101,708
LAKE MACQUARIE COMPLETION OF SIGNPOSTING	ALL UNCONTROLLED 4-WAY INTERSECTIONS		DEPT	8		174,391	174,391
LAKE MACQUARIE AUDIO TACTILE DEVICES	VARIOUS LOCATIONS		DEPT	8		33,371	33,371
LANE COVE SIGNALS	LONGUEVILLE RD & AUSTIN ST, LANE COVE		DEPT	7		20,488	20,488
LIVERPOOL CHANNELISATION OF INTERSECTION	HOXTON PARK RD & CARTWRIGHT AVE, CARTWRIGHT		COUNCIL	6		879	879
LIVERPOOL AUDIO TACTILE DEVICES AT SIGNAL SITES	VARIOUS LOCATIONS WITHIN THORNLEIGH W.O. AREA		DEPT	6		26,202	26,202
MAITLAND CHANNELISATION	VARIOUS INTERSECTIONS		COUNCIL	4		10,607	10,607
MANLY BIKEWAY	PITTWATER RD TO MANLY WEST PUBLIC SCHOOL		COUNCIL			52,357	52,357
MARRICKVILLE ROUNDABOUTS & CHANNELISATIONS	VARIOUS INTERSECTIONS IN THE SOUTH METROPOLITAN AREA		DEPT	8		121,803	121,803
MARRICKVILLE SIGNALS	UNWINS BRIDGE RD, BEDWIN RD & MAY ST, ST PETERS		DEPT	7		109,674	109,674
MURRAY BIKEWAY	HARFLEUR ST AT RAILWAY LEVEL CROSSING, DENILIQUIN		COUNCIL			1,426	1,426
NEWCASTLE SIGNALS	HUNTER & DARBY STS, NEWCASTLE		DEPT	8		90	90
NEWCASTLE SIGNALS	HUNTER ST & MERELEATHER ST, NEWCASTLE		DEPT	8		38,631	38,631
NEWCASTLE BIKEWAY	UNIVERSITY AT SHORTLAND TO NEWCASTLE CITY AREA		COUNCIL			128,629	128,629
ORANGE MINOR CONSTRUCTION WORKS	VARIOUS LOCATIONS		COUNCIL	4		3,931	3,931



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0018

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)				\$	\$	\$	\$
PARKES	ALL FOUR-WAY INTERSECTIONS							
	COMPLETION OF SIGNPOSTING		COUNCIL	4		80,320		80,320
PARRAMATTA	FITZWILLIAM RD, BINNALONG RD & REYNOLDS ST, TOONGABBIE		DEPT	7		28,892		28,892
SIGNALS								
PARRAMATTA	PARRAMATTA DIVISIONAL OFFICE		DEPT			411		411
WIDE AREA SIGNAL	CO-ORDINATION							
PENRITH	SOUTH PENRITH		COUNCIL			16,225		16,225
BIKEWAY								
PORT STEPHENS	RAYMOND TERRACE TOWNSHIP LINK TO NORTHERN RESIDENTIAL AREA		COUNCIL			28,620		28,620
BIKEWAY								
RANDWICK	VARIOUS LOCATIONS IN THE EASTERN SUBURBS		DEPT			39,672		39,672
BIKEWAY STUDY								
RANDWICK	DARLEY RD TO UNIVERSITY OF N.S.W., RANDWICK		COUNCIL			12,808		12,808
BIKEWAY								
SHELLHARBOUR	KONRADS RD TO STANLEY ST, LAKE ILLAWARRA		COUNCIL			15,869		15,869
BIKEWAY								
SHELLHARBOUR	SHELLHARBOUR RD TO KONRADS RD, LAKE ILLAWARRA		COUNCIL			6,801		6,801
BIKEWAY								
SHOALHAVEN	NOWRA & BOMADERRY		COUNCIL			10,655		10,655
BIKEWAYS								
SHOALHAVEN	SIX SECTIONS IN EOMADERRY		COUNCIL			27,168		27,168
BIKEWAY PROJECTS								
SYDNEY	OXFORD ST CONTROL CENTRE		DEPT			49,243		49,243
DRIVER AID - CONSTRUCTION								
SYDNEY	MACLEAY ST & GREENKNOWE AVE, KINGS CROSS		DEPT	8		33,366		33,366
SIGNALS								
SYDNEY	GEORGE ST & BOND ST, SYDNEY		DEPT	6		31,302		31,302
SIGNALS								
SYDNEY	OCEAN ST AT BUS RAMPS, EDGECLIFF		DEPT	8		8,521		8,521
SIGNALS								
SYDNEY	GEORGE ST & ULTIMO RD, HAYMARKET		DEPT	8		354		354
SIGNALS								

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0019

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)			\$	\$	\$	\$
SYDNEY	MARKET ST FROM CLARENCE ST TO YORK ST, SYDNEY	CHANNELISATION OF INTERSECTION	COUNCIL	8	6,238		6,238
SYDNEY	SYDNEY ENTERTAINMENT CENTRE, HAYMARKET	IMPROVEMENT OF INTERSECTION	COUNCIL	8	181,659		181,659
SYDNEY	ANZAC PDE TO COUNCIL BOUNDARY	BIKEWAY STUDY	COUNCIL	8	16,059		16,059
TAMWORTH	PEEL RIVER BRIDGE, TAMWORTH	BIKEWAY	COUNCIL		45,339		45,339
WAGGA WAGGA	VARIOUS LOCATIONS	AUDIO - TACTILE DEVICES	COUNCIL	4	4,536		4,536
WAGGA WAGGA	BEST ST & FORSYTH ST, WAGGA WAGGA	ROUNDAABOUT - BLACKSPOT	COUNCIL	7	40,406		40,406
WAGGA WAGGA	BEST ST & MORGAN ST, WAGGA WAGGA	ROUNDAABOUT	COUNCIL	7	40,151		40,151
WARRINGAH	FRENCH'S FOREST TO DEE WHY	BIKEWAY	COUNCIL	4	113,251		113,251
WAVERLEY	NEWLAND ST & SPRING ST, BONDI JUNCTION	SIGNALS	DEPT	6	10,330		10,330
WAVERLEY	NEWLAND ST & EBLEY ST, BONDI JUNCTION	SIGNALS	DEPT	6	12,315		12,315
WAVERLEY	GLENAYR AVE & CURLEWIS ST, BONDI	SIGNALS	DEPT	8	3,945		3,945
WILLOUGHBY	VICTORIA AVE & NERIDAH ST, CHATSWOOD	SIGNALS	DEPT	7	72,756		72,756
WILLOUGHBY	ARCHER ST & JOHNSTON ST, CHATSWOOD	SIGNALS	DEPT	7	36,027		36,027
WILLOUGHBY	ALBERT AVE & NERIDAH ST, CHATSWOOD	SIGNALS	DEPT	7	31,927		31,927
WILLOUGHBY	ARCHER ST & MALVERN AVE, CHATSWOOD	SIGNALS	DEPT	7	27,678		27,678
WILLOUGHBY	VARIOUS LOCATIONS	LOWER NORTH SHORE REGIONAL BIKEWAY PLAN	COUNCIL	8	8,161		8,161

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0020

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		OTHER ROADS (CONT'D)				\$	\$	\$
WINGECARRIDEE		ALL UNCONTROLLED 4-WAY INTERSECTIONS ON LOCAL ROADS						
		COMPLETION OF SIGNPOSTING FOR INTERSECTION CONTROL	DEPT	4		17,454		17,454
WOLLONGONG		PIONEER RD & ROTHERY RD, BELLAMUI	DEPT	8		31,070		31,070
WOLLONGONG		VARIOUS LOCATIONS IN WOLLONGONG CITY AREA						
		AUDIO TACTILE DEVICES AT TRAFFIC SIGNALS	DEPT	8		3,242		3,242
WYONG		VARIOUS LOCATIONS						
		BICYCLE ROUTE STUDY	COUNCIL			3,400		3,400
WYONG		KILLARNEY VALE TO LONG JETTY						
		BIKEWAY	COUNCIL			10,885		10,885
WYONG		BRIDGE OVER SALTWATER CREEK, KILLARNEY VALE						
		BIKEWAY BRIDGE.	COUNCIL			17,818		17,818
		WARATAH WORKS OFFICE						
		WIDE AREA SIGNAL CO-ORDINATION	DEPT			42,854		42,854
		VARIOUS LOCATIONS						
		AUDIO TACTILE DEVICES AT SIGNAL SITES	DEPT	6		6,796		6,796
		SAFETY EDUCATION IN NEWCASTLE SCHOOLS						
		BIKEWAYS	DEPT	9		34,004		34,004
		SUBSIDY TO B.I.N.S.W.						
		BIKEWAYS	DEPT			340		340
		ROCKDALE WORKS OFFICE						
		WIDE AREA SIGNAL CO-ORDINATION	DEPT			331,876		331,876
		DEVELOPMENT GROUP - OXFORD ST, SYDNEY (EX BRISBANE ST)						
		WIDE AREA SIGNAL CO-ORDINATION	DEPT			723,977		723,977
		VARIOUS SITES IN METROPOLITAN DIVISION						
		RECONSTRUCTION OF SIGNALS	DEPT			56,070		56,070
		VARIOUS RAILWAY STATIONS IN SYDNEY METROPOLITAN AREA						
		BICYCLE RACKS	COUNCIL			4,251		4,251
		LANE COVE WORKS OFFICE						
		WIDE AREA SIGNAL CO-ORDINATION	DEPT			239,354		239,354
		VARIOUS LOCATIONS WITHIN DIVISION						
		IMPROVEMENTS TO INTERSECTIONS	COUNCIL	4		71,593		71,593

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0021

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS					\$	\$	\$
	OTHER ROADS (CONT'D).				\$	\$	\$
		BELLAMBI WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT		25,246		25,246
		VARIOUS LOCATIONS					
		MINOR IMPROVEMENTS	DEPT	4	1,848		1,848
		VARIOUS SITES IN METROPOLITAN DIVISION					
		RECONSTRUCTION OF SIGNALS	DEPT		80,864		80,864
		YENNORA WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT		178,636		178,636
		VARIOUS LOCATIONS					
		TRIAL PEDESTRIAN REFUGES	DEPT		15,945		15,945
		VARIOUS LOCATIONS					
		TRIAL PEDESTRIAN REFUGES	DEPT		21,822		21,822
		VARIOUS LOCATIONS					
		AUDIO TACTILE DEVICES AT SIGNAL SITES	DEPT	6	12,513		12,513
		THORNLEIGH WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT		44,792		44,792
TOTAL	UNCL						4,785,785
TOTAL	OTHER ROADS				5,468,422		5,468,422



OPERATION OF DRIVER AID AND TOW SERVICES

APPENDIX 8.2.0001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
	MAINTENANCE WORKS				\$	\$	\$
		FREEWAYS			\$	\$	\$
F3	GOSFORD	BEROWRA TO CALGA TOLLWAY RENEWAL OF EMERGENCY TELEPHONE SYSTEM	DEPT	1	154,928		154,928
F3	HORNSBY	BEROWRA TO CALGA TOLLWAY TOW SERVICE	DEPT		288,887		288,887
	TOTAL	F3					443,815
F6	WOLLONGONG	WATERFALL TO BULLI PASS TOLLWAY DRIVER AID SCHEME	DEPT		20,673		20,673
F6	WOLLONGONG	WATERFALL TO BULLI PASS TOLLWAY TOW SERVICE	DEPT		192,042		192,042
	TOTAL	F6					212,715
	TOTAL	FREEWAYS			656,530		656,530

OPERATION OF DRIVER AID AND TOW SERVICES

APPENDIX 8.2.0002

ROAD LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM'WLTH	SOURCE OF FUNDS STATE LOANS	TOTAL
MAINTENANCE WORKS	OTHER ROADS	\$	\$	\$
SYDNEY	SYDNEY HARBOUR BRIDGE			
T34 TRUCK SERVICE		DEPT	1,792,583	1,792,583
TOTAL UNCL				1,792,583
TOTAL	OTHER ROADS		1,792,583	1,792,583

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY DEPARTMENT	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
SYDNEY DIVISION		4,316,285		4,344,533	8,660,818
ILLAWARRA DIVISION	168,386	1,064,286		441,754	1,674,426
PARRAMATTA DIVISION	206,530	3,012,191		2,838,795	6,057,516
HUNTER VALLEY DIVISION	292,634	848,678	67,181	581,905	1,790,398
NORTH WESTERN DIVISION	258,602	272,660			531,262
UPPER NORTHERN DIVISION	148,676	165,382			314,058
NORTH EASTERN DIVISION		605,423			605,423
SOUTHERN DIVISION	540,909	232,908			773,817
SOUTH COAST DIVISION		380,426			380,426
SOUTH WESTERN DIVISION	205,679	379,568			585,247
CENTRAL MURRAY DIVISION		377,241			377,241
CENTRAL WESTERN DIVISION		663,010			663,010
MURRAY DARLING DIVISION		259,903		61	259,964
CENTRAL NORTHERN DIVISION		184,348			184,348
LOWER NORTH COAST DIVISION		435,872			435,872
TRAFFIC SIGNAL WORKS DIVISION				1,593,194	1,593,194
CENTRAL MOUNTAINS DIVISION		590,391			590,391
TRAFFIC		60,386			60,386
OXFORD ST CONTROL		15,107		2,040,684	2,055,791
TOTAL	1,821,416	13,864,065	67,181	11,840,926	27,593,588

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
ALBURY		14,739	39,152	29,855	83,746
ARMIDALE		24,559			24,559
BALLINA		10,087		130	10,217
BALRANALD		17,750			17,750
BARRAGA		1,188			1,188
BATHURST		32,322		4,866	37,188
BAULKHAM HILLS		308			308
BEGA VALLEY		26,659			26,659
BELLINGEN		9,255			9,255
BERRIGAN		18,867			18,867
BINGARA		2,189			2,189
BLACKTOWN		163			163
BLAND		5,396			5,396
BLAYNEY		19,487			19,487
BLUE MOUNTAINS		12,726		1,601	14,327
BOGAN		5,677			5,677
BOMBALA		17,064			17,064
BOOROWA		51,948			51,948
BOURKE		18,497			18,497
BREWARRINA		4,433			4,433
BROKEN HILL		95,128		17,058	112,186
BYRON		8,903			8,903
CABONNE		26,500			26,500



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
CAMDEN		18,641			18,641
CAMPBELLTOWN		90,840			90,840
CARRATHOOL		1,802			1,802
CASINO		21,944			21,944
CENTRAL DARLING		13,071			13,071
COBAR		17,816			17,816
COFFS HARBOUR		9,536		3,813	12,349
CONARGO		2,227			2,227
COOLAH		13,968			13,968
COOLAMON		2,379			2,379
COOMA-MONARO		16,055			16,055
COONABARABRAN		31,882			31,882
COONAMBLE		18,795			18,795
COOTAMUNDRA		23,532			23,532
COPMANHURST		8,299			8,299
COROJA		5,974			5,974
COWRA		25,674			25,674
CROOKWELL		6,002			6,002
CULCAIRN		14,195			14,195
DENILIQUIN		32,508			32,508
DRUMMOYNE				793	793
DUEBO		62,106		19,057	81,163
DUMARESQ		12,507			12,507

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
DUNGOG		2,355			2,355
EUROBODALLA		20,745			20,745
EVANS		12,058			12,058
FORBES		14,648			14,648
GILGANDRA		3,263			3,263
GLEN INNES	53	9,865	1,835		11,753
GLOUCESTER		4,953			4,953
GOSFORD		228			228
GOULBURN		38,664		26,259	64,923
GRAFTON		4,585		1,170	5,755
GREAT LAKES		38,470			38,470
GREATER CESSNOCK		8,195		3,089	11,284
GREATER LITHGOW		18,419		7,987	26,406
GREATER TAREE		13,552		14,153	27,705
GRIFFITH		23,049			23,049
GUNDAGAI		30,264		433	30,697
GUNNDAH		40,699		3,495	44,194
GUNNING		9,727			9,727
GUYRA		2,785			2,785
HARDEN		20,279			20,279
HASTINGS		38,210			38,210
HAY		16,057			16,057
HOLBROOK		4,100			4,100

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
HORNSBY		7,818		8,378	16,196
HUME		6,411			6,411
INVERELL		16,863			16,863
JERILDERIE		9,340			9,340
JUNEE		254			254
KEMPSEY		25,378		7,128	32,516
KIAMA		314			314
KU-RING-GAI				673	673
KYOGLE		12,053			12,053
LACHLAN		16,541			16,541
LAKE MACQUARIE		9,895		48,723	58,618
LANE COVE				309	309
LEETON		2,912			2,912
LISMORE		30,629		19,462	50,091
LOCKHART		7,138			7,138
MACLEAN		4,174			4,174
MAITLAND	29	3,809	18,233	29	22,100
MANILLA		4,038			4,038
MARRICKVILLE				3,880	3,880
MEPPIA		15,440			15,440
MOREE PLAINS		17,929			17,929
MUDGEES		21,607			21,607
MULWAREE		12,827			12,827

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNSPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
MURRAY		5,422			5,422
MURRUMBIDGEE		8,196			8,196
MURRURUNDI		894			894
MUSWELLBROOK		3,998	2,005		6,003
NAMBUCCA		6,074			6,074
NAPRABRI		23,507			23,507
NARRANDERA		1,400			1,400
NARROMINE		8,256			8,256
NEWCASTLE		18,804		120,626	139,430
NUNDLE		1,562			1,562
NYMBOIDA		2,036			2,036
OBERON		8,074			8,074
ORANGE		37,039		15,146	52,185
PARKES		21,519			21,519
PARRAMATTA		571			571
PARRY		848	21,694		22,542
PENRITH		136			136
PORT STEPHENS		4,203		2,045	6,248
QUEANBEYAN		31,728		6,707	38,435
QUIRINDI		5,566			5,566
RANDWICK				1,883	1,883
RICHMOND RIVER		1,886			1,886
ROCKDALE				56	56



## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
RYLSTONE		31,700			31,700
SCONE		4,297			4,297
SEVERN		5,816			5,816
SHELLHARBOUR		201			201
SHOALHAVEN		568			568
SINGLETON		6,349		590	6,939
SNOWY RIVER		9,555			9,555
SYDNEY				8,345	8,345
TALLAGANDA		29,432			29,432
TAMWORTH	13,131	27,600		10,090	50,821
TEMORA		10,724			10,724
TENTERFIELD	244	8,150			8,394
TUMBARUMBA		7,761			7,761
TUMUT		5,379		516	5,895
TWEED		11,997		23,683	35,680
ULMARRA		1,435		17	1,452
URALLA		13,111			13,111
URANA		4,677			4,677
WAGGA WAGGA		25,208		31,246	56,454
WAKODL		26,840			26,840
WALCHA		2,245			2,245
WALGETT		99,571			99,571
WARREN		3,394			3,394

## TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

## MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
WARRINGAH				2,145	2,145
WEDDIN		23,165			23,165
WELLINGTON		18,406			18,406
WENTWORTH		14,728		177	14,905
WILLOUGHBY				295	295
WINDOURAN		1,329			1,329
WINGECARRIBEE		49,002			49,002
WOLLONDILLY		13,309		101	13,410
WOLLONGONG		10,945			10,945
WYONG		7,284	7,770	1,550	16,604
YALLARDI		8,652			8,652
YARROWLUMLA		11,481			11,481
YASS		7,120		3,364	10,484
YOUNG		31,424			31,424
TOTAL	13,457	2,197,712	90,689	450,933	2,752,791

## SUMMARY OF EXPENDITURE - TRAFFIC SIGNALS AND OTHER FACILITIES

APPENDIX 8.5.0001

## EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION		COMMONWEALTH	STATE	LOANS	TOTAL
		\$	\$	\$	\$
CONSTRUCTION					
FREEWAYS			313,803		313,803
STATE HIGHWAYS		155,138	1,167,837		1,322,975
TRUNK ROADS			129,327		129,327
MAIN ROADS			1,860,732		1,860,732
OTHER ROADS			5,468,422		5,468,422
-----					
SUB TOTALS		155,138	8,940,121		9,095,259
-----					
MAINTENANCE & OPERATION					
ROADMARKING & SIGNPOSTING	- DEPARTMENT	1,821,415	13,864,065		15,685,481
	- COUNCIL	13,457	2,197,712		2,211,169
SIGNALS	- DEPARTMENT	67,181	11,840,926		11,908,107
	- COUNCIL	90,589	450,933		541,622
DRIVER AID	- DEPARTMENT		2,449,113		2,449,113
	- COUNCIL				
-----					
SUB TOTALS		1,992,743	30,802,749		32,795,492
-----					
FINAL TOTALS		2,147,881	39,742,870		41,890,751
-----					

APPENDIX NO. 9

DISTANCES OF FREEWAYS, STATE HIGHWAYS, TRUNK ROADS, ORDINARY MAIN ROADS  
SECONDARY ROADS, TOURIST ROADS AND DEVELOPMENTAL ROADS  
IN NEW SOUTH WALES FOR THE FIVE YEARS ENDED 30 JUNE 1983

Road Class	1979 km	1980 km	At 30 June 1981 km	1982 km	1983 km
County of Cumberland Area -					
Freeways	87	87	94	94	97
State Highways	314	315	315	315	315
Ordinary Main Roads	<u>1,085</u>	<u>1,091</u>	<u>1,122</u>	<u>1,094</u>	<u>1,101</u>
Total all Main Roads and Freeways	1,486	1,493	1,531	1,503	1,513
Secondary Roads	285	299	299	299	299
Tourist Roads	85	85	85	85	85
Developmental Roads	<u>22</u>	<u>22</u>	<u>22</u>	<u>22</u>	<u>22</u>
Total all Classified Roads	<u>1,878</u>	<u>1,899</u>	<u>1,937</u>	<u>1,909</u>	<u>1,919</u>
Country Area -					
Freeways	44	44	73	73	73
State Highways	10,150	10,179	10,166	10,013	10,018
Trunk Roads	7,097	7,091	7,091	7,098	7,098
Ordinary Main Roads	<u>17,215</u>	<u>17,213</u>	<u>17,208</u>	<u>17,257</u>	<u>17,257</u>
Total all Main Roads and Freeways	34,506	34,527	34,538	34,441	34,446
Tourist Roads	353	359	359	360	360
Developmental Roads	<u>3,439</u>	<u>3,439</u>	<u>3,452</u>	<u>3,452</u>	<u>3,452</u>
Total all Classified Roads	<u>38,298</u>	<u>38,325</u>	<u>38,349</u>	<u>38,253</u>	<u>38,258</u>
Total for Whole State -					
Freeways	131	131	167	167	170
State Highways	10,464	10,494	10,481	10,328	10,333
Trunk Roads	7,097	7,091	7,091	7,098	7,098
Ordinary Main Roads	<u>18,300</u>	<u>18,304</u>	<u>18,330</u>	<u>18,351</u>	<u>18,358</u>
Total all Main Roads and Freeways	35,992	36,020	36,069	35,944	35,959
Secondary Roads	285	299	299	299	299
Tourist Roads	438	444	444	445	445
Developmental Roads	<u>3,461</u>	<u>3,461</u>	<u>3,474</u>	<u>3,474</u>	<u>3,474</u>
Total all Classified Roads*	<u>40,176</u>	<u>40,224</u>	<u>40,286</u>	<u>40,162</u>	<u>40,177</u>

In addition, the Department is responsible for the full cost of works on unclassified roads in the unincorporated area in the western part of the State totalling 2489 km and is also responsible for a length of 22km in the incorporated area.



APPENDIX NO. 10

DISTRIBUTION BETWEEN THE DEPARTMENT AND COUNCILS OF RESPONSIBILITY  
FOR CARE AND CONTROL OF ROADS AT 30TH JUNE, 1983 IN ACCORDANCE WITH  
THE PROVISIONS OF THE MAIN ROADS ACT, 1924

	County of Cumberland* km	Country km	Total km
1. Roads which are the responsibility of the Department of Main Roads -			
(a) Where work was carried out by the Department -			
Freeways	97	73	170
State Highways	309	8,933	9,242
Trunk and Ordinary Main Roads other than the County of Cumberland	-	430	430
Ordinary Main Roads in the County of Cumberland	710	-	710
Unincorporated area of the Western Division -			
Trunk and Ordinary Main Roads	-	683	683
Unclassified Roads	-	2,489	2,489
(b) Where work was carried out for the Department by Councils -			
State Highways	6	1,085	1,091
Ordinary Main Roads in the County of Cumberland	391	-	391
2. Roads which are the responsibility of Councils wholly financed by the Department of Main Roads -			
Trunk and Ordinary Main Roads other than in the County of Cumberland	-	23,242	23,242
	<u>1,513</u>	<u>36,935</u>	<u>38,448</u>

\* County of Cumberland refers to the area defined in Part IV Section 9  
of the Main Roads Act, 1924.

Excludes Secondary, Tourist, Developmental Roads and Unclassified Roads in  
incorporated area.