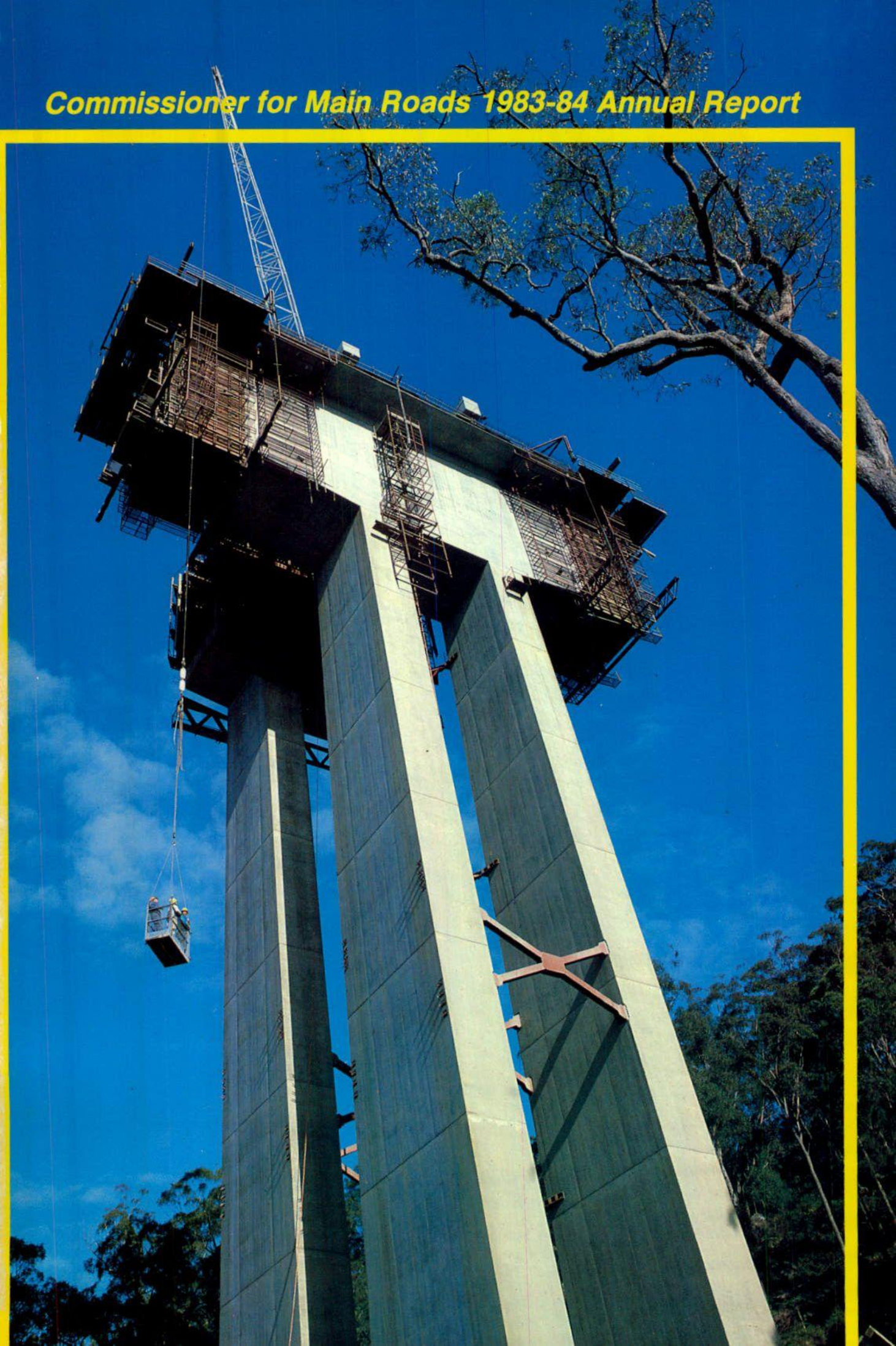


Commissioner for Main Roads 1983-84 Annual Report



Contents

[illegible]

Captions

Front cover

These towering piers will carry the F3 — Sydney-Newcastle Freeway 70 m above Mooney Mooney Creek, 70 km north of Sydney.

Facing page

1. A pedestrian footbridge is to be built at the intersection of Pennant Hills Road and Osborn Road, Normanhurst.

2. Leading hand signwriter Peter Buckingham applies the new DMR logo to one of the Department's vehicles.

3. This 300 m long bridge over Duck River forms part of the F4 — Western Freeway between Auburn and Granville.

4. Just north of Bellata, this is one of many sections of the busy Newell Highway now being upgraded.

Commissioner for Main Roads 1983-84 Annual Report

Charter

The Commissioner for Main Roads is responsible for the administration of the Main Roads Act, 1924 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.

Objectives

For the Road System

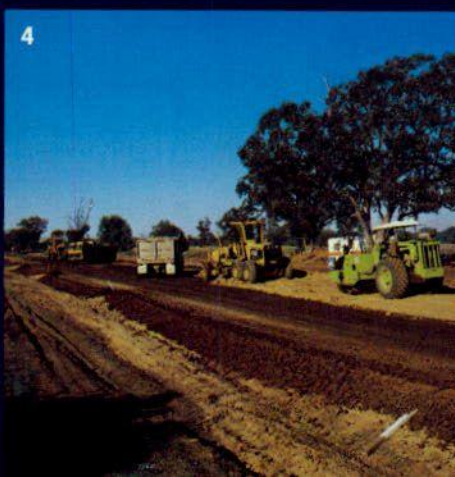
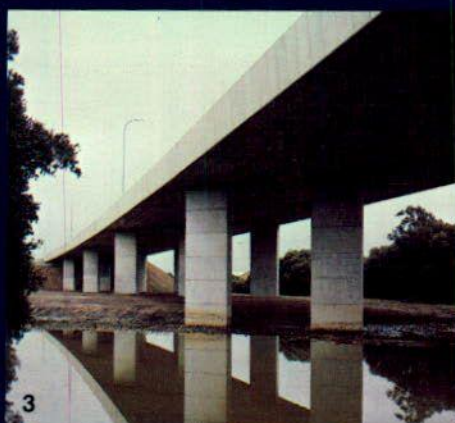
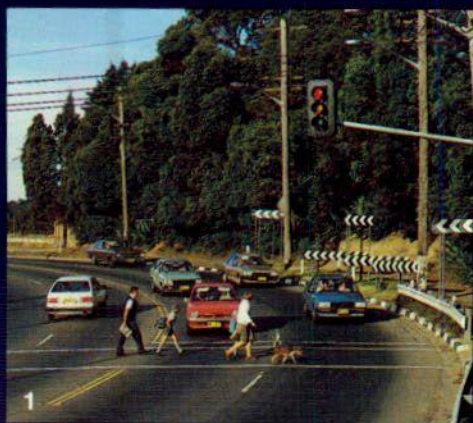
- to plan, provide and maintain a comprehensive road system which is safe, economical and efficient to use;
- to have regard for the environment;
- to enhance compatibility of the various transport modes, in accordance with the policies of the New South Wales Government.

For Interaction with the Community and Government

- to respond to community needs in a positive, effective, timely and helpful manner;
- to inform the public on road matters;
- to respond to Government policies and directions in an efficient and effective manner;
- to co-operate with other Government Organisations in a positive way.

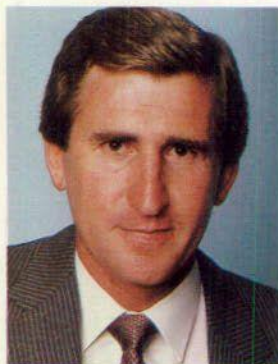
For the Organisation and its People

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



Commissioner's Statement

Sydney, New South Wales
October 1984



*The Hon. L.J. Brereton, M.P.,
Minister for Public Works and Ports,
and 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 1984. Some references to happenings after that date have been included, where appropriate, to complete the record.

In September 1983, the Premier, Hon. Neville Wran, Q.C., M.P., announced a \$5 Billion Five-Year Road Program which incorporated a wide range of State and Federally funded road development projects throughout New South Wales.

This exciting Program (which incorporates the Federal Government's initiative of Australian Bicentennial Road Development Projects) has revitalised activities within the Department. The challenge to 'deliver the goods' — in terms of much improved roads and bridges, better traffic management and safer road travelling conditions — has been grasped by Departmental personnel at all levels and a fresh spirit of enthusiasm and endeavour is evident throughout the workforce.

The concept of a balanced total program of roadworks encompassing large scale new construction, restoration works, minor improvements, traffic management and essential maintenance activities is a major step forward in the administration of the State's road system. The size of the Program has provided a major stimulus to road improvement throughout the State.

This Report seeks to convey some appreciation of the resultant increase in field activities and their consequent effects

on major segments of the Department's operations.

The Program has also produced significant benefits of a more subtle nature:

- It has enabled works to be scheduled as part of an ongoing program rather than as individual projects. This elicits returns through greater economy in deploying scarce resources, provides added benefits through economy of scale and ultimately yields earlier returns to the roaduser through the more orderly provision of better roads.
- It provides a sound basis on which to decide appropriate action when addressing individual problems. Knowledge of future construction proposals is essential if efficient and economic maintenance of the road system is to be achieved and the correct choice made between intensive maintenance, reconstruction and total realignment.
- Planning and design can proceed on a logical basis.
- Motor transport shares the road reserves with a variety of other uses — water reticulation, energy supply, storm water and waste drainage, and electronic communications. The Program enables better co-ordination to be achieved between the activities of the multiplicity of authorities concerned.
- Probably most important of all it provides the Department with firm guidance in implementing Government objectives, the Minister for Roads with a measure by which to gauge Departmental performance and the public with specific information relating to the investigation of a significant proportion of the State's works budget.

The Program has also drawn attention to the magnitude of the task of adapting the State's road system to meet current community needs. In this respect, there is a new awareness within the Department of the need to concentrate effort on obtaining the best possible results from the existing system by implementing interim measures until longer term solutions to problems can be provided.

In this I acknowledge your guidance, Minister, and the special role you have played in focusing, within the Department, a more customer-oriented approach.

This change is manifested in a number of special programs recently introduced. One

of these relates to the identification of 'trouble spots' with a view to developing immediate short term and longer term proposals to secure relief.

Another special program aims at establishing safe overtaking opportunities on rural roads at regular intervals. To this end a special works program has been developed to construct overtaking lanes in locations complementary to other programmed improvements.

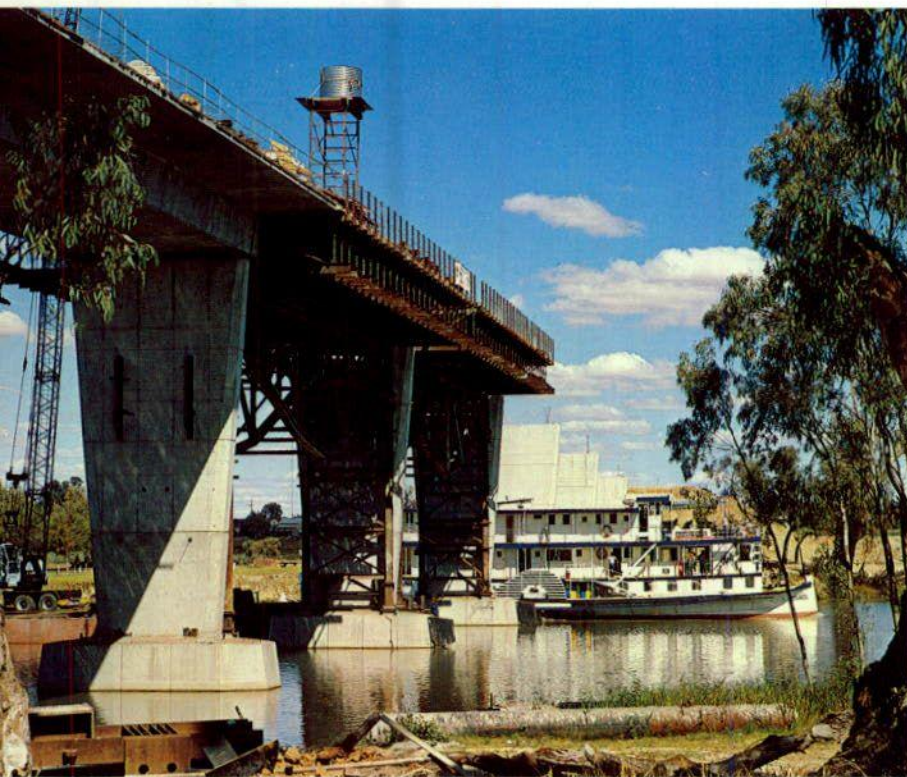
While the increased activity arising from the Program has provided a great stimulus in work satisfaction for all, meeting its challenge has entailed a special effort by the whole workforce sustained throughout the entire year. The Department's organisation was reduced by 12% in 1981-82 and by almost an additional 3% in 1982-83. It was in this lean condition that the Department embarked upon the task imposed by a 38% increase in total budget.

It is with considerable pleasure that I report that the task set for the Department in 1983-84 was accomplished in full. This achievement was a consequence of the dedication and skill of the nine and a half thousand people who comprise the Department's workforce.

In completing the works program the Department achieved increased expenditure over 1982-83 levels both with its own forces and by contract. Consistent with Government objectives of stimulating employment, the Department's expenditure on major contracts rose from \$45 million in 1982-83 to \$122 million in 1983-84. Ongoing commitments will impose a need for extraordinary care in works management and budgetary control during 1984-85.

In recent years there has been a progressive fall in the percentage of the Department's budget devoted towards road and bridge construction. In 1983-84 this decline was arrested when the percentage rose to 56.3% from 49.2% the previous year. This level had not been reached since 1978-79. This is most heartening. However, one must not allow the more satisfying and highly visible results of road improvement to detract from the importance of proper maintenance.

In fact the benefits accruing from maintenance are generally as high as those derived from well planned and economically sound improvement works. Almost invariably, the cost of maintenance operations increases if not undertaken at the appropriate time. However, as the cost



The new bridge under construction to carry the Stuart Highway over the Murray River at Mildura. It will be 330 m long and cost more than \$4 million.

of deferment is much higher to the user than to the road maintaining authority, there is frequently pressure to increase construction by deferring maintenance. This is false economy. It is true that the community pays for good roads whether or not it enjoys their use.

On 16 December 1983 a bypass of Wyong was opened to traffic. The work was acclaimed by residents of Wyong who arranged special celebrations to mark the event. This is in sharp contrast to earlier experiences where local business people in particular had resisted proposals to deviate through traffic away from the central business districts of various country towns.

There were favourable responses during the year from the residents of both Kiama and Maitland where the construction of bypasses was commenced. The changed community attitude reflects experiences of towns such as Gundagai and Nambucca Heads where significant local benefits have flowed from construction of traffic bypasses. This is a consequence of progressive changes in the nature and volume of road transport and a recognition that conflict between local traffic and through traffic disadvantages everyone.

The increase in size and numbers of heavy vehicles continues to extract a toll from inadequate road pavements and from timber structures. While the use of timber bridges once provided the appropriate solution, timber as a material is now inadequate to withstand the loadings

imposed by the massive high speed road transports operating today.

Of even greater concern is the road accident toll and the incidence in this of heavy vehicles. While in the ultimate all 'accidents' are the result of human error, due regard must be paid to human capabilities when seeking to provide a safer environment.

Some of the State's more important highways have sealed pavements only 4.9 metres in width. On many others the pavement is less than six metres. This means that in former cases vehicles with a relative speed of, say, 200 km/h need to move off the sealed strip in order to pass. In the latter case they have at best less than one metre clearance. Under those circumstances the penalty for minor lapses of concentration can be horrific.

Just as the application of technology by the roaduser is imposing greater demands on the road system, so too the application of technology is helping the road builder to meet those demands. There has been a continual improvement in the performance of road building machinery. Some of this has resulted from increase in size and power but much benefit has come from fundamental changes in design as applied with the track system and final drive of crawler tractors. As a result excavation which once required costly drilling and blasting can now be removed by ripping.

Machines to facilitate laying of concrete pavements are now readily available. The resultant reduction in cost of heavy duty road pavement has assisted in combating the problem imposed by greater vehicle loadings. New materials have also been

introduced with consequent savings in road construction. During the year a geotextile fabric was used to speed up pavement construction over swampy ground. Additional techniques have been developed to improve the quality of both naturally occurring and manufactured road pavement materials by the addition of lime.

Local Government continues to provide a primary source of advice as to community expectations in satisfying road needs. One area of concern expressed by a majority of country Councils in discussions with me during the year was the standard of access provided on lightly trafficked Main Roads in remote areas. In the past priorities accorded to road improvement have been determined by need as assessed by conventional economic criteria. As a result almost all centres with a population more than about one thousand people have at least one sealed road link to the State Highway system. On other outlets stubs of improved road radiate out from those centres providing benefit for the greatest possible number of road users. There appears now to be a community expectation of a minimum standard of all-weather road access on all Main Roads irrespective of the traffic demand.

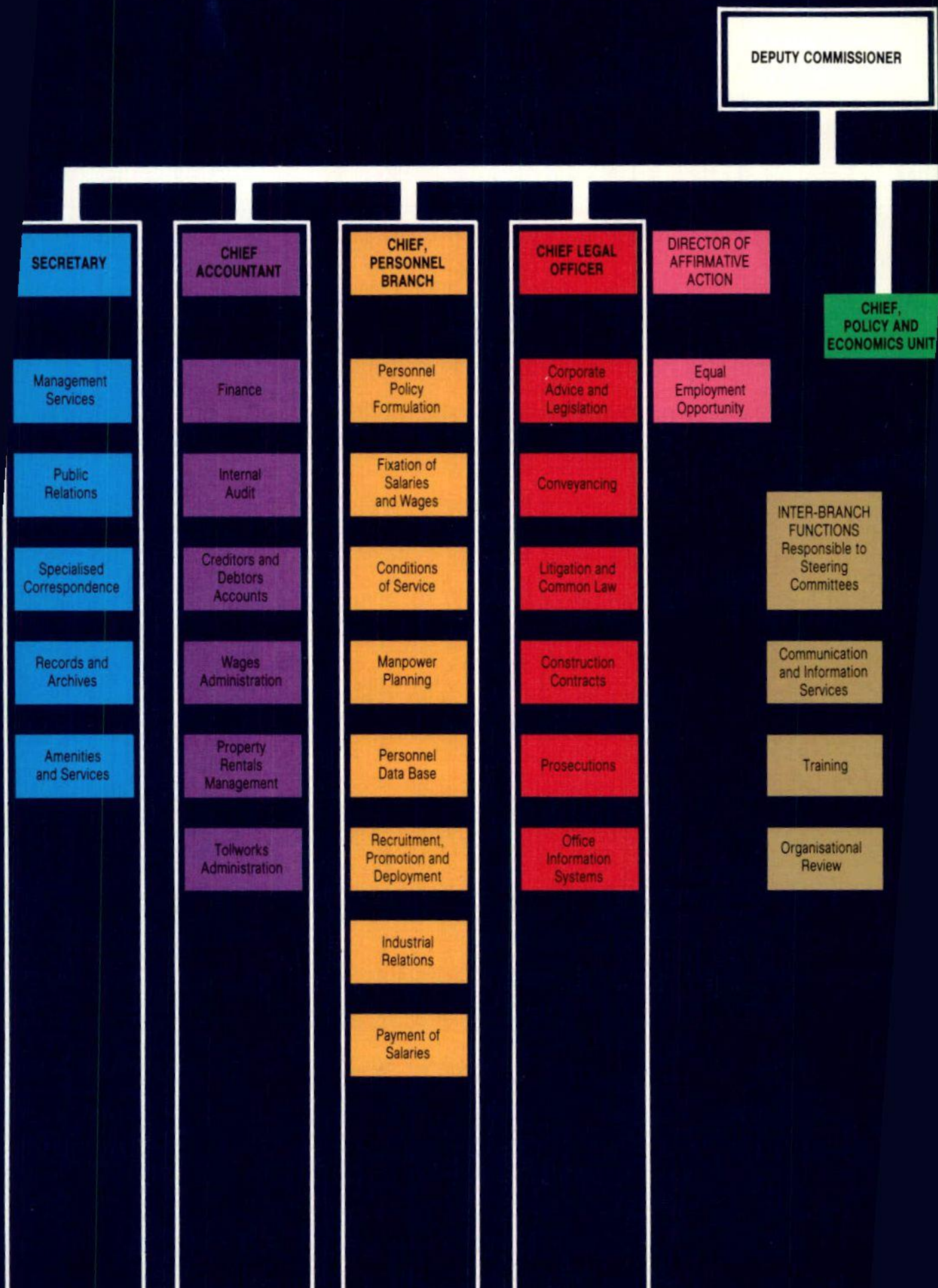
Satisfying this expectation would entail expenditure of a vast sum of money. This cannot be justified on the basis of those conventional economic criteria. The question may need to be addressed on a broader basis, taking cognizance of social factors and economic considerations transcending those normally applied in making transport-related assessments.

In conclusion I thank each and every one of the Department's personnel as well as all those Council and other Government employees, contractors and consultants who, in one capacity or another, directed their labour and expertise during 1983-84 to improving the State's road network. In particular, I thank you, Minister, for the new impetus you have given to the Department's work and for your initiatives in establishing the Ministerial Committee on Main Road Traffic Flow and regular Strategy Meetings with senior officers of the Department. Both of these have already resulted in benefits through the promotion of new policies and proposals in the development of short term objectives and in a more sensitive response to existing road network needs. I assure you that the Department will continue to respond to the State Government's emphasis on improving the roads of New South Wales. The surge in funds is being matched by a surge in effort throughout the whole Department.

B N Loder

B.N. Loder
COMMISSIONER FOR MAIN ROADS

Functional Organisation Chart



COMMISSIONER

ENGINEER-IN-CHIEF

PLANNING AND DESIGN

OPERATIONS

Programming
and Budgeting

Urban
Planning

Road
Design

Roads

Expenditure
Control

SERVICES

Property Survey
Acquisition
and Disposal

Rural
Planning

Bridge
Design

Bridges

Research and
Development

Weight of
Loads
Enforcement

Traffic
Planning

Traffic
Design

Traffic

Bituminous
Works

Printing

Advance
Planning

Architectural
Services

Contract
Administration

Plant and
Equipment

Materials
Engineering

Statutory and
Environmental
Planning

Council
Works

Job Safety
and Health

Supply

Programming

Library

DIVISIONAL
ADMINISTRATION

17 Divisional Offices
Road and Bridge Construction and
Maintenance – Traffic Management

Survey

Design

Council
Administration

Materials
Investigation

Management
of Works
42 Works Offices

Highlights of the Year

SEPTEMBER 1983 — \$5 Billion Five-Year Road Program

On 18 September 1983, Premier Neville Wran announced the largest road development program ever undertaken in New South Wales. From 1983 to 1988 a massive \$5 billion will be poured into improving the State's major urban and rural traffic routes. This money, from both State and Federal Government sources, will benefit all roadusers, help to reduce the accident toll and provide thousands of jobs. The \$5 billion will provide for:

- \$3.4 billion on new construction
- \$1.5 billion on maintaining the 40,000 km of classified arterial roads in New South Wales
- \$0.4 billion to Councils for works on local roads.

SEPTEMBER 1983 — New Program for Blue Mountains Road Improvements

During an official visit to the Blue Mountains in September 1983, Premier Neville Wran announced a proposed program of important new roadworks in the region. These proposals were subsequently detailed in the brochure *Blue Mountains Road Improvement Program 1984-1989* published in March 1984, and are illustrated in the map on pages 18/19 of this Report. Together these works will augment the Sydney Western Region Road Program, previously announced by the State Government and now well in hand.

NOVEMBER 1983 — First Stage of Tumblong Deviation Opened

On 21 November 1983, 11 km of high-grade four-lane dual carriageway was brought into use on the Hume Highway, south of Gundagai. This was Stage 1 of the 17.6 km Tumblong Deviation, a \$27 million job which will eliminate the narrow winding route through Sylvias Gap, and shorten the driving distance by 2 km. Now that the first stage is complete, thousands of daily roadusers are appreciating the sweeping curves, easy grades, extra lanes and improved safety of the new route. The remaining 6.3 km section will be completed by mid-1985.

DECEMBER 1983 — Wyong Bypass Opened to Traffic

On 16 December 1983, the Ourimbah Creek to Wallarah section of the F3 — Sydney-Newcastle Freeway was made available to traffic, together with an 8 km motorway link to Doyalson. In spite of a potential landslide which delayed completion of a section of the second carriageway, this important bypass of the busy shopping centre of Wyong was opened in time to benefit Christmas holiday traffic. Now the thousands of heavy vehicles travelling this route on their way between Sydney and Brisbane can enjoy a faster, safer journey without bringing congestion, pollution and danger to the centre of Wyong, where conditions have vastly improved for residents, shoppers and local traffic.

FEBRUARY 1984 — Commencement of Maitland Inner City Bypass

Construction of the eastern section of this major work began in February 1984. A special ceremony marked the turning of the first sod on this \$27 million project. The bypass is planned for completion in late 1987 and will fulfil a long-felt need for better traffic conditions in the Maitland central business area.

MAY 1984 — Pacific Highway Upgrading

More than \$60 million will be spent on improving the Pacific Highway north of Newcastle, announced the Minister for Roads, Mr Laurie Brereton, on 20 May 1984. Together with the existing and proposed sections of the F3 — Sydney-Newcastle Freeway, the upgraded highway will provide much improved driving conditions for motorists on this important Sydney-Brisbane route, with road safety being a major consideration. Some of the proposed works are shown on the map on page 22, illustrating the wide range of improvements being undertaken.

JUNE 1984 — Focus on the Hume Highway

In a joint statement issued in June 1984, State Minister for Roads, Mr Laurie Brereton, and the Federal Minister for Transport, Mr Peter Morris, announced that the Hume Highway would be upgraded to four lanes between Sydney and Albury by 1988. One of the country's busiest highways, the Hume has long been a source of frustration for motorists travelling between Sydney and Melbourne. Excellent driving conditions now exist between Liverpool and Mittagong where the F5 — South Western Freeway has superseded the old highway route, at Tumblong south of Gundagai, and at many other locations. Under the \$5 Billion Five-Year Road Program, more than \$300 million will be spent to bring the rest of the Highway to a high standard by the Bicentenary. (See map on page 16.)

1. The widening of narrow winding sections of the Great Western Highway to four lanes is a priority of the Blue Mountains Road Improvement Program.

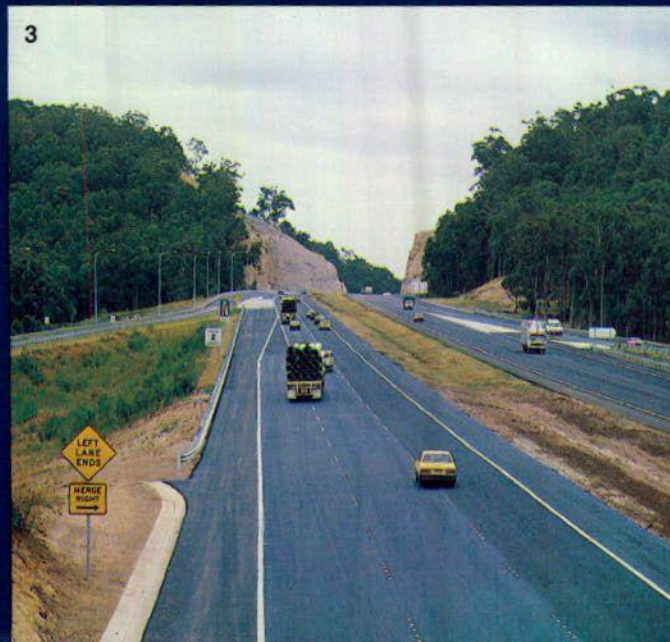
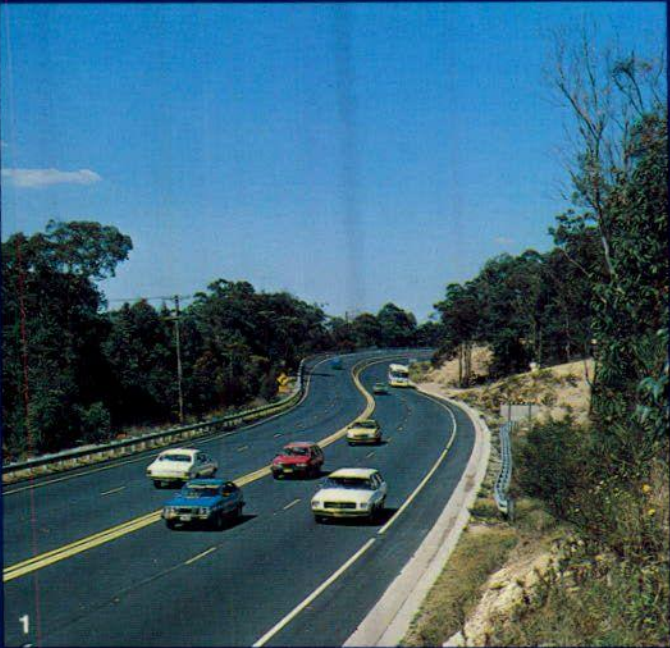
2. The sweeping curves and easy grades of the Tumblong Deviation are a far cry from the tortuous route the Hume Highway used to take through Sylvias Gap.

3. A section of the newly-opened Wyong Bypass, looking south from Cobbs Road.

4. The first stage of the \$27 million Maitland Inner City Bypass began in February 1984.

5. The Pacific Highway between Doyalson and Swansea, which is being progressively upgraded to provide four lanes.

6. Rehabilitation work underway on the Hume Highway, south of Berrima.



Performance Indicators

External Factors

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

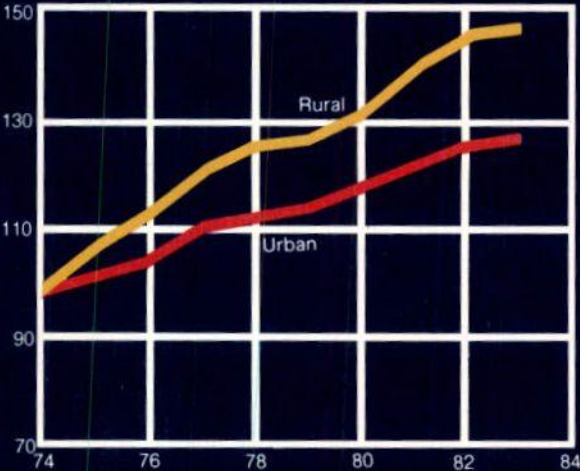
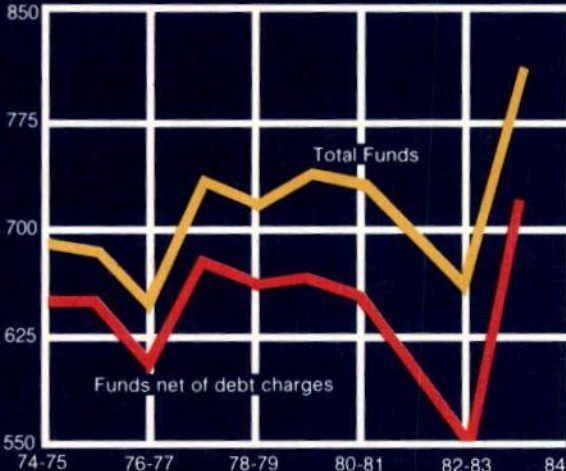


Fig. 2 Funding of Main Roads
\$ million, 1983-84 Prices



Road Transport System Performance

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

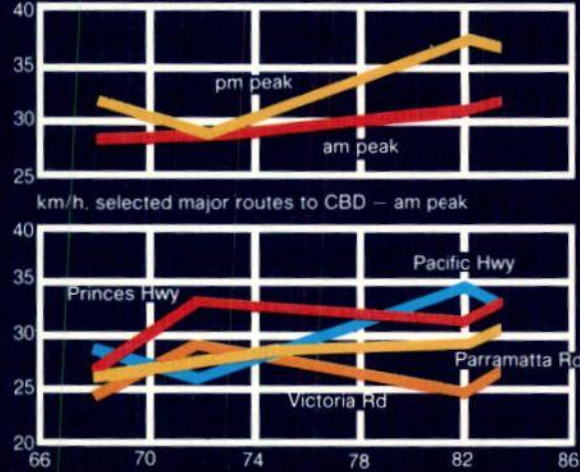


Fig. 4 Country Travel Speeds
km/h, average for all Highway routes to Sydney - weekdays

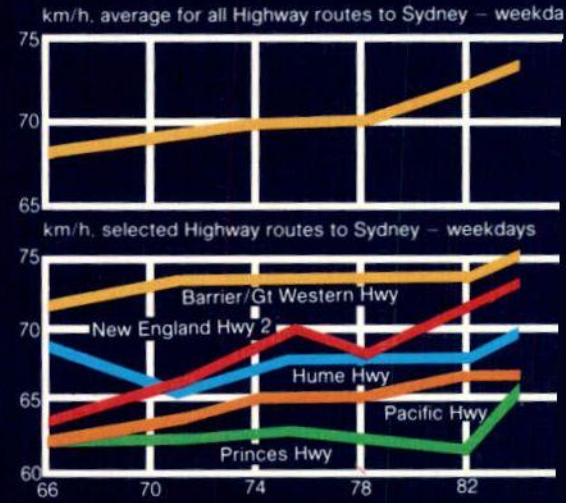


Fig. 5 Road Safety
Crashes per million vehicle kilometres
Fatal, injury and tow-away crashes

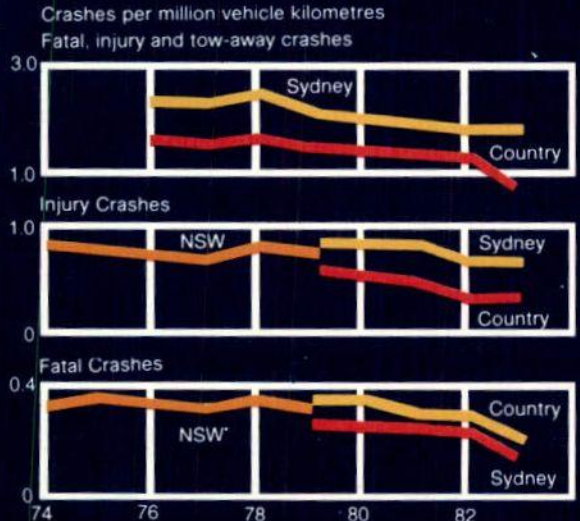
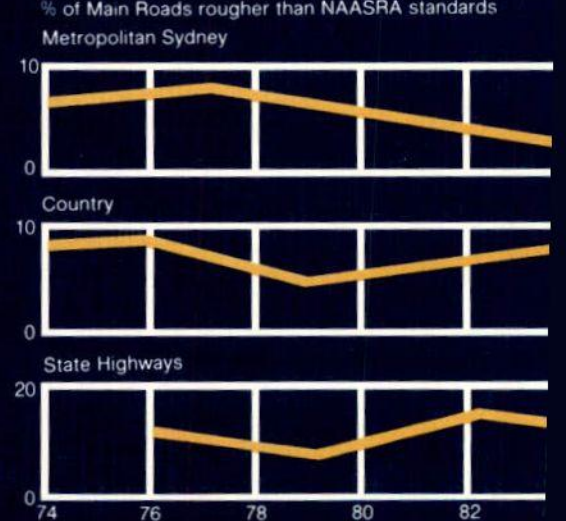


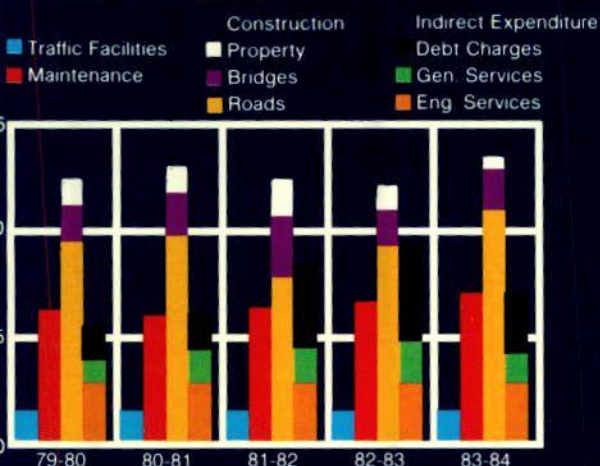
Fig. 6 Pavement Roughness
% of Main Roads rougher than NAASRA standards
Metropolitan Sydney



Use of Resources

Fig. 7 Expenditure by Activity

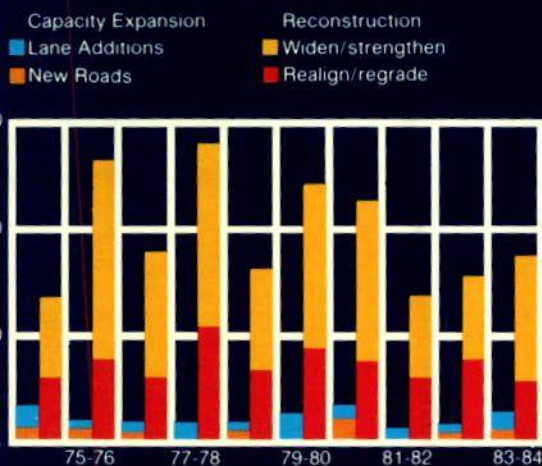
% of direct works expenditure



Construction Completed

Fig. 9 Roads

Kilometres of construction works completed



Industrial Performance

Fig. 11 Industrial Relations

Working days lost through disputes (000)

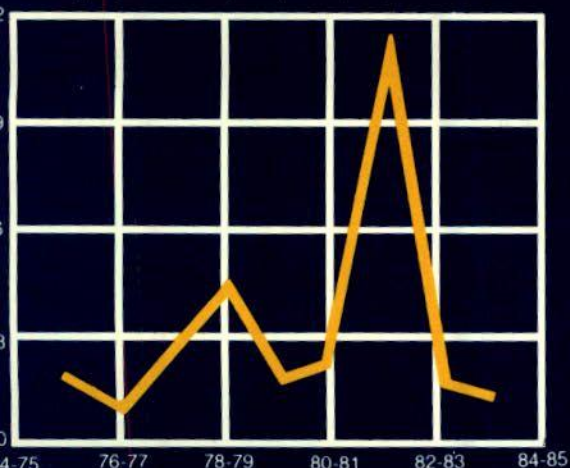


Fig. 8 Expenditure by Production Method

% of direct works expenditure

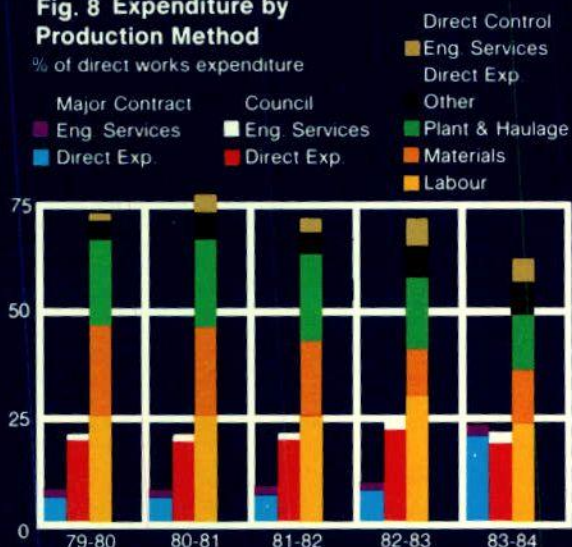


Fig. 10 Bridges

Lane kilometres completed

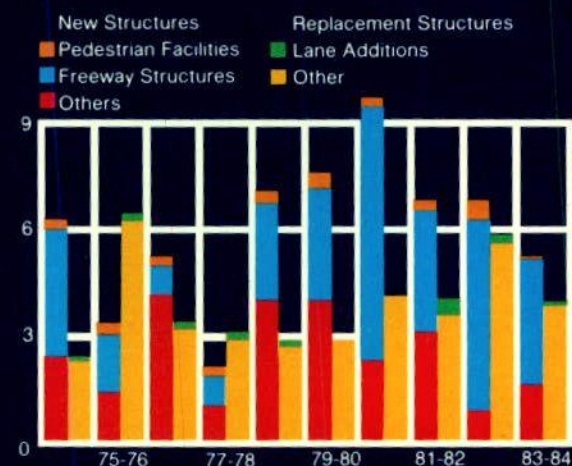
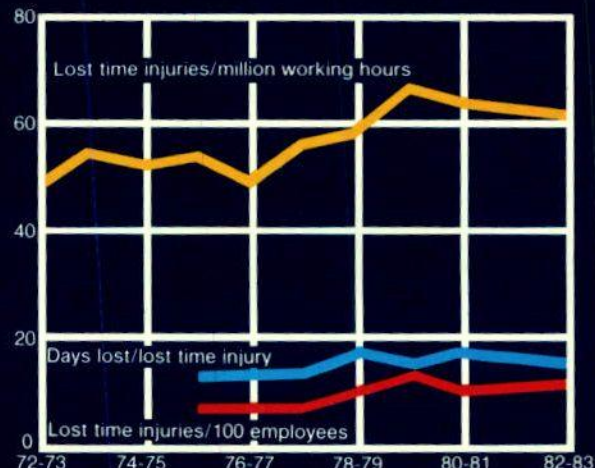


Fig. 12 Industrial Safety

Number



Performance Indicators

A series of 12 performance indicators was first published in the Department's Annual Report for the 1982-83 financial year. They are continued in this Report together with their most recent values.

The indicators shown are not the ultimate quantitative measures of achievement. They do, however, provide some indication of the results achieved from the course pursued over the past few years in accommodating traffic growth with available funding levels.

Over the decade to December 1983, traffic volumes increased almost linearly by 5% per annum in rural areas and nearly 3% per annum in the urban areas of Sydney, Newcastle and Wollongong. Traffic growth is shown in *Figure 1* which also indicates a slight reduction in the rate of growth of traffic since the end of 1981.

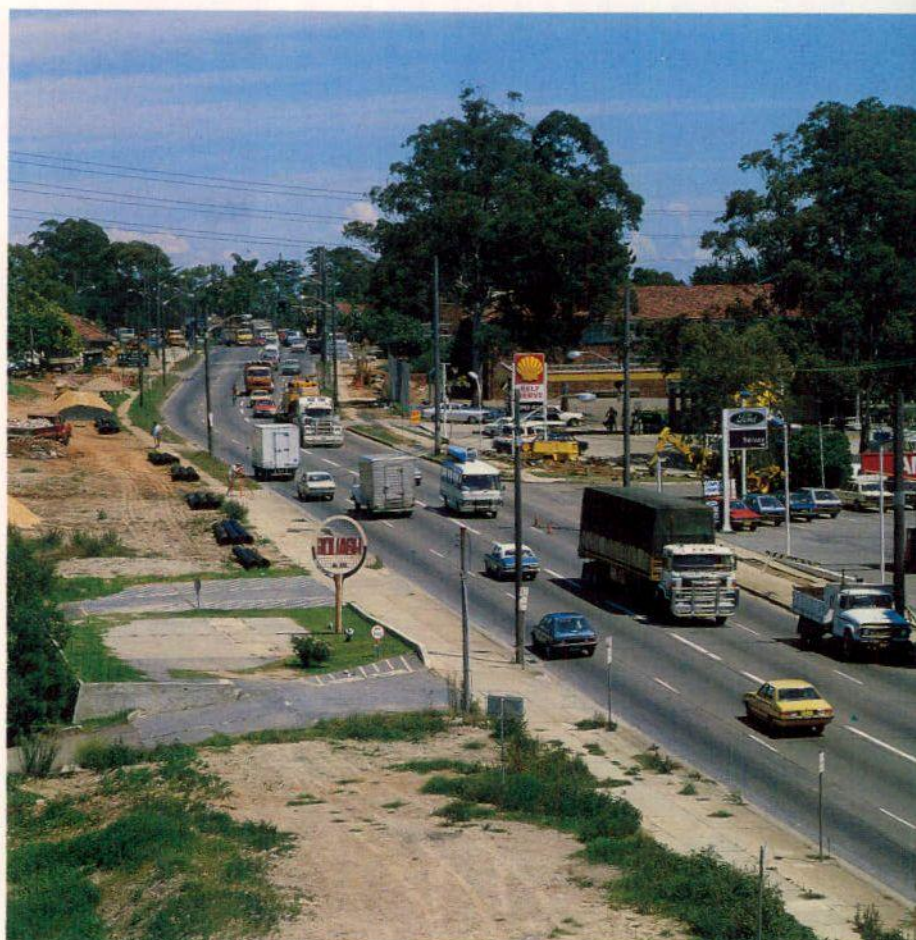
Over the ten year period to June 1983, total funds decreased in real terms by 9%. Over the same period the amount of loan funding increased with a consequent increase in loan servicing charges from 6% to 14% of total funds.

The decline in funding in real terms was arrested and reversed in 1983-84 following the introduction of funding under the Australian Bicentennial Road Development Trust Fund Act in the second half of 1982-83. The significant increase in funding is illustrated in *Figure 2*.

Contrary to what might have been expected with falling funding and increasing traffic, some indicators have continued to show improved levels of service. The prolonged dry weather experienced up to mid-1983, together with new works carried out under the accelerated Australian Bicentennial Road Development (ABRD) program funding commencing in 1982-83, has no doubt contributed to the improved road conditions illustrated in particular in *Figures 4, 5 and 6*. There was, however, an increase in congestion on some roads in Sydney during 1982-83 as reflected in *Figure 3* which shows deterioration in travel speeds on the Pacific Highway and during the p.m. peak hour periods in Sydney.

As a result of the increased provision of ABRD funds, the emphasis on pavement rehabilitation under construction programs and improved maintenance management, there has been a noticeable change in the proportion of maintenance expenditure compared with construction expenditure. The proportion of funds applied to maintenance during 1983-84 was reduced from the previous five year average of 29 cents in each dollar spent on roadworks, to about 27 cents; while the proportion applied to construction increased from the previous five year average of 62 cents in the dollar to nearly 67 cents. These changes were accompanied by a reduction in the proportion of administrative expenses, including debt charges, from a five year average of 33 cents for each dollar spent on roadworks, to 31 cents. The overall position is illustrated in *Figure 7*.

The influence of the ABRD program also reflects in *Figure 8* which portrays the



methods by which works are carried out. The proportion of work carried out by direct control continued to reduce with an increasing proportion of work being carried out by contract. However, the amount of work carried out by the Department's own forces did not drop.

Of funds allocated to construction in 1983-84, 81% was spent on roads, 14% on bridges and 5% on property acquisition. There is accordingly at least a short term movement from the average allocation of construction funds during the previous decade of 75% to roads, 17% to bridges and 8% to property acquisition.

In addition there was a discernible change in the nature of road construction works carried out (*Figure 9*). In 1983-84, 368 km of roads were constructed or reconstructed. Of these, 16% were works adding to the capacity of the system by either the addition of lanes or the construction of new roads, and 84% involved the replacement and/or improvement of substandard sections of road. Comparable figures for the previous decade were 11% and 89% respectively.

The increase in overall capacity is partly attributable to the opening in 1983 of the substantial section of the Sydney-Newcastle Freeway between Ourimbah and Doyalson (see 'Major Route Development', page 11), but also reflects an awareness of the need to cater for increasing traffic volumes. Wherever conditions and funding have permitted, the Department has taken the opportunity to increase the capacity of the existing system by providing extra

Some \$36 million will be spent widening Pennant Hills Road to six lanes between Beecroft Road and Pearce's Corner.

passing lanes on sections of road where delays were occurring.

Of those roads replaced or improved, 59% involved strengthening and, in some cases, widening of existing pavements and 41% involved replacement of the roads on improved grades and alignment. Comparable figures for the previous decade were 64% and 36% respectively.

The length of bridgeworks completed in the year was less than for the previous financial year, as shown in *Figure 10*. However, the length of both road and bridge works completed annually fluctuates considerably, reflecting variations in project size, construction period and levels of funding. The reduction in bridge works completed in 1983-84 is thus not of significance in itself.

There were no major or prolonged industrial disputes during 1983-84. As a consequence, working days lost through disputes in 1983-84 are comparable with the losses in 1982-83 and substantially less than the peak losses shown in *Figure 11* for 1981-82 (due principally to industry-wide campaigns in that year).

Industrial safety statistics show slight improvements over the past two years. These improvements, however, have not conclusively reversed the slight general upward trends evident in *Figure 12*.

Major Route Development

The following report lists improvements carried out on the more important routes during the year. In addition to these, work has proceeded on many other State Highways and Main Roads throughout New South Wales — these will be listed in detail in a supplement to this Report. In many cases, particularly on the ordinary Main Roads, the works have been under the control of local Councils using funds provided by the Department.

The recent increase in construction funds over the levels of previous years has assisted in maintaining the general level of service on State Highways and some of the more important Main Roads in spite of the heavier rainfall experienced in all areas of the State during the year.

A feature of the year has been the increasing volume of work carried out by contract to the Department. Tenders must be invited for construction works carried out with Commonwealth funding, including Australian Bicentennial Road Development (ABRD) program works on National Roads and for ABRD works on arterial roads. The Department is eligible to submit bids for these works and has been successful in winning a number of contracts.

Works being carried out under the ABRD program are identified in accordance with the ABRD Act by the erection of blue and gold signs which are to be displayed until the end of the program in 1988.

A considerable proportion of work undertaken during the past year has been directed towards restoring the road to a condition equivalent to that which existed when it was first constructed. Where traffic conditions have warranted it, this work has often been associated with the addition of a passing lane to improve the safety and convenience of roadusers.

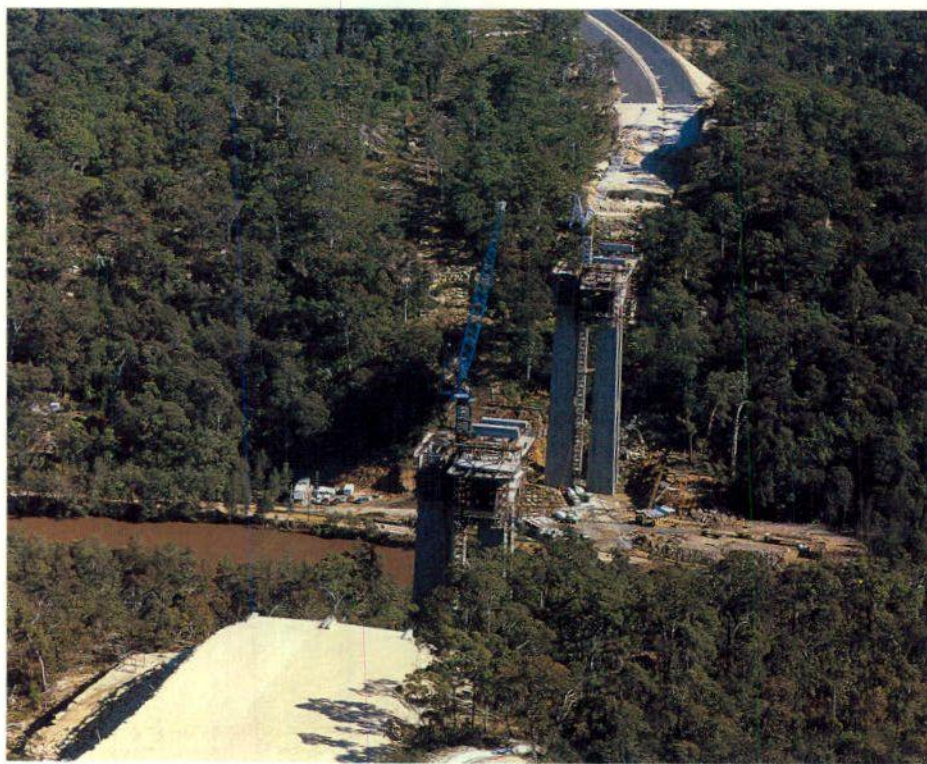
Freeways

F3 — Sydney-Newcastle Freeway

Four lanes are being constructed between Sydney and Newcastle to provide a safe, speedy and economical route for the large volume of commercial and private traffic travelling daily between the State's two largest cities. At June 1983 dual two-lane carriageways were in use for approximately 25 km between Berowra and Calga. During 1983-84 another 20 km of dual carriageways further north were opened to traffic, plus a two-lane motorway link between Wallarah Creek and Doyalson.

Wahroonga to Berowra

In May 1984 the State Government approved the route of the F3 from



Wahroonga, in Sydney's northern suburbs, to Berowra. This 15 km section will be built between the junction of the Pacific Highway and Pennant Hills Road and the existing start of the F3 at Berowra, running generally on the eastern side of the Great Northern Railway. In bypassing Hornsby shopping centre, the new route will achieve one of the Department's objectives of eliminating a notorious bottleneck, and will relieve congestion and reduce travelling time north of Sydney by more than half an hour in peak periods. More importantly, its completion is expected to reduce accidents in the area by as much as two-thirds.

The freeway will take a narrow strip (totalling 100 hectares) off the western edge of Ku-ring-gai Chase National Park. An Environmental Impact Statement (EIS) was placed on public exhibition in May 1982 and extensive measures will be undertaken to ensure that construction will have minimum adverse effects on the environment. Erosion and sedimentation control, landscaping, noise and air quality are all considerations of the Department, which will also utilise the expertise of the Soil Conservation Service, Forestry Commission and National Parks and Wildlife Service during construction. This section of freeway will cost \$95 million and is expected to be completed in December 1988.

Calga to Somersby

Work continued on the section north of Calga via Kariong to Somersby. This 12 km

An aerial view of the twin bridges now being built over Mooney Mooney Creek on the Calga-Somersby section of the F3.

section, which will be opened to traffic towards the end of 1986, will cost approximately \$52.25 million including \$19.5 million for the construction of twin bridges over Mooney Mooney Creek. Each bridge will provide for three lanes of traffic and will consist of three continuous spans of post-tensioned concrete with an overall length of 485 m. The deck level of the bridges will be approximately 70 m above normal water level. The bridges were designed to have a minimum effect on the natural environment of the area and the creek, particular care being taken with pier locations.

To enable the construction of the section of F3 between Mooney Mooney Creek and Kariong to proceed, a 4 km deviation of the Pacific Highway and a 1.5 km deviation of Main Road No. 225 near Kariong were required.

Somersby to Ourimbah Creek

During 1983-84, 6.2 km of dual carriageway between the proposed interchanges at Somersby and Ourimbah were completed and opened to traffic. This section includes two bridges to carry Dog Trap Road over the freeway and a bridge over Ourimbah Creek. The total cost of this section was \$26.34 million.

Freeway Construction



A section of the F3 — Sydney Newcastle Freeway, looking south from Cobbs Road towards Kangy Angy cutting

2. The F4 — Western Freeway viaduct between Wentworth Street, Granville and Church Street, Parramatta will cost \$32 million. This view to the west shows the construction passing over James Ruse Drive



Ourimbah Creek to Wallarah Creek

A 14.2 km section between Ourimbah Creek and Wallarah Creek was opened in December 1983, in time for holiday traffic to benefit from this bypass of Wyong. The potential for a landslip at Hue Hue Road (Main Road No. 217) next to the freeway construction delayed completion of the northbound lane and provision was made for both north and southbound traffic to use the southbound carriageway for 8 km, from Wyong River to Wallarah Creek. (Full freeway conditions were made available in July 1984.)

The opening of the Wyong Bypass was a long standing goal of the Department and has been acclaimed by locals and through travellers alike. Not only is a faster, safer journey now possible through the area, but traffic congestion has been relieved in Wyong, reducing the accident potential and improving conditions for residents and business people generally.

Walarah Creek to Doyalson

At the same time as the foregoing section was opened, an 8 km two-lane motorway was opened to link the freeway at Wallarah Creek to the Pacific Highway at Doyalson. Proposals to provide an additional two lanes are in train.

In all, nearly 30 km of new road were opened between Somersby and Doyalson at an estimated cost of \$110 million.

F4 — Western Freeway

This freeway is planned to extend from Concord to the lower Blue Mountains. It will run parallel to, and north of, Parramatta Road as far as Church Street, Harris Park, then parallel to, and south of, the Great Western Highway, providing a vital supplement to these two heavily trafficked roads.

Sections of the freeway in use at June 1983 were from Young Street, Concord to Melton Street, Auburn (5.7 km); from Church Street, Harris Park to the Great Western Highway at Frances Street, Mays Hill (3 km); and from Prospect to Emu Plains (23.4 km). Work progressed during the year on two sections that will connect Auburn and Harris Park.

Auburn to Granville

Construction continued on the section of the F4 from Melton Street, Auburn to James Ruse Drive, Granville and is expected to be completed by September 1984. This work includes a 300 m bridge over Duck River and bridges to carry the freeway over Deniehy Street and Wentworth Street (including on and off loading ramps at Wentworth Street). An overbridge will carry Stubbs Street over the freeway and there will be a footbridge at Melton Street.

Once this section is open, the Melton Street access will be closed, thereby eliminating the temporary arrangement which has been unsatisfactory for both motorists and local residents. Extensive landscaping, including the planting of more than 4000 trees and shrubs, took place between Melton Street and Duck Creek.

Granville to Harris Park

This section between James Ruse Drive and Church Street, Harris Park will be a 1.8 km viaduct of four lanes, with the capacity to be increased to six lanes should the future need arise. Work started on the construction of piles for the viaduct between Wentworth Street and Good Street. The viaduct will be completed in 1986 at a cost of \$32 million.

Other Improvements

Strengthening of older sections of pavement was carried out between 35.6 km and 56.3 km west of Sydney at a cost of \$4.4 million. It is proposed to progressively carry out similar strengthening over the entire length of the freeway in future years.

Work commenced on the construction of access ramps at Roper Road, Colyton. These will allow the freeway to be used by motorists travelling between adjacent developing residential areas and in localities to the east, enabling a speedier, safer journey as well as relieving traffic on the Great Western Highway. The ramps are estimated to cost \$1.1 million and are planned for completion early in 1985.

Access ramps are also being built at Mamre Road, St Marys. These will enable commercial and private traffic to use the freeway between St Marys and locations to the west, such as the residential areas of the Blue Mountains, thus avoiding the Great Western Highway and the busy central business area of Penrith. This will permit faster, safer journeys and greater economy in running costs. The estimated cost of the work, due for completion in September 1984, is \$1.8 million.

Work began during 1983-84 on the duplication of the bridge over the Nepean River at Regentville. This 320 m long bridge will become the eastbound carriageway of the F4, providing two lanes at a cost of \$2.9 million. When the freeway is extended

to Lapstone to link up with the Great Western Highway, which has already been provided with four lanes westward to the railway line at East Blaxland, many more motorists will be encouraged to use the freeway route to and from the Blue Mountains, and thereby avoid congestion in the Penrith business area and ease the volume of traffic currently using the old narrow Victoria Bridge on the Great Western Highway west of Penrith.

F5 — South Western Freeway

Planned eventually to extend from the proposed F6 — Southern Freeway at Tempe (in Sydney's inner south west) to south of Berrima, the F5 now runs for 64 km from The Cross Roads, near Liverpool to Aylmerton, near Mittagong. This length of the freeway supersedes the Hume Highway as a through traffic route, shortens the distance by 13 km and provides first class driving conditions.

The Department is now concentrating on extending the Sydney end of the F5 between Casula and Beverly Hills, and proposes to construct the freeway south from Aylmerton towards Berrima in the near future.

Casula to Moorebank

Work was completed on another crossing of the Georges River with a new 290 m long, seven-span bridge at Casula. The bridge will provide four lanes for traffic and will be opened at the end of 1984 when associated roadworks from the Hume Highway at Casula to Heathcote Road,

Erosion control along the F3 — Sydney-Newcastle Freeway using the Reno-Mattress method.





Construction of the F6 — Southern Freeway is continuing from Dapto to Yallah.

Moorebank are completed. Delays which occurred on this work made it necessary for the Department to take over the contract.

When opened, this route will bring considerable relief from the congestion regularly experienced at Liverpool Bridge and Heathcote Road. The new bridge will also provide an alternative crossing to a nearby causeway at Cambridge Avenue, Glenfield, which is subject to flooding.

The cost of this work, including the bridge, is \$5.5 million, excluding acquisition costs and other overheads.

It is expected that the next stage of the freeway to be built will be between Fairfield Road, Padstow and King Georges Road, Beverly Hills, followed by the section between Heathcote Road and Fairfield Road.

F6 — Southern Freeway

The F6 will eventually provide four lanes between Sydney and Wollongong and then proceed south to Yallah. The route will generally parallel the Princes Highway and at present consists of the 23 km Waterfall-Bulli Pass Tollway and a 15.5 km length from Mt Ousley Road to Fowlers Road, Dapto, which bypasses the busy commercial centre of Wollongong.

During 1983-84 nearly \$2.4 million worth of rehabilitation work to restore riding qualities was completed from Masters

Road, Coniston to Northcliffe Drive, Berkeley.

Work also continued on the extension of the freeway south from Dapto to Yallah, where it will join the Princes Highway. A second bridge over Byamee Street was constructed as part of the work to allow the completion of both carriageways as far as Fowlers Road. Initially, only one carriageway is being constructed south from Fowlers Road to Yallah.

The section from Fowlers Road to Dapto will be opened during 1985, having cost more than \$13 million. Later, dual carriageways will be provided along this section. This is seen as a major need in the next five years, along with the construction of an interchange with the Wollongong Northern Suburbs Distributor at Gwynneville.

Wollongong Northern Suburbs Distributor

This route is planned to run north from the F6 — Southern Freeway at Gwynneville, generally parallel to the Princes Highway, with its purpose being to provide easier access to Wollongong's northern suburbs and improve traffic flow from Wollongong to Bulli.

During the year construction continued on the 2.9 km section from the Princes Highway to Towradgi Road and on the interchange between the distributor and the Princes Highway, including approaches to new bridges over the distributor and the South Coast railway line. The total cost of these works is expected to be \$14 million and the first stage of the interchange is planned to be opened in 1985.

Arterial Routes

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 this page). The main deficiencies on the Princes Highway exist between Kiama and Batemans Bay. With the South Coast Railway terminating at Bomaderry, the number of heavy vehicles increases. This leads to delays, particularly during busy holiday seasons. The Department proposes to widen the pavement and shoulders along this length and provide overtaking lanes at more regular intervals.

A major project begun during the year was the duplication of the bridge over the Georges River at Tom Uglys Point, details of which are given under the Southern Suburbs section of the Sydney Region (page 27).

Upgrading of the highway between Waterfall and Helensburgh included shoulder widening, increased sight distance on a number of tight curves, and passing lanes at the intersections of Parkes Street and Lawrence Hargrave Drive, Helensburgh.

Two bridges were completed in North Wollongong during the year at an estimated cost of \$1.5 million each. One is a 76 m long, two-span, prestressed concrete girder bridge to carry the Princes Highway over the Wollongong Northern Suburbs Distributor. This bridge will form part of an interchange between the highway and the distributor, providing six lanes plus an additional storage lane for northbound vehicles turning right to the distributor loading ramp. It will also provide two pedestrian footways. The second bridge is a 67 m long, three-span structure carrying the highway over the South Coast Railway. This will also provide six lanes for traffic and two pedestrian footways.

At Yallah, the Southern Freeway will join the Princes Highway. Work continued during the year on the connection which includes a new railway overbridge. The connection and the overbridge will cost about \$1.7 m.

Further south, in Albion Park Rail, the junction between the highway and Tongarra Road is being reconstructed. The work includes provision of traffic signals which will reduce delays and improve safety at the junction.

Construction began in December 1983 on the \$20 million Kiama Bypass. This 5.3 km bypass will extend south from North Kiama Drive to rejoin the present highway at Kiama Heights, avoiding the main business and shopping centres of Kiama where long traffic delays often occur during peak holiday periods. The diversion of through traffic will improve conditions in Kiama streets, and increase safety for both through and local road users as well as pedestrians. The work is expected to take

four years to complete and includes bridges to carry the bypass over a railway siding, Spring Creek, Terralong Street and Bland Street and another bridge to take Saddleback Mountain Road over the bypass.

Improvements to a 4 km stretch of narrow, winding road further south at Kiama Bends continued. This work is expected to be completed during 1985 at a cost of \$4.6 million.

Work continued to convert the footway of the Shoalhaven River bridge at Nowra to a cycleway, while south of Nowra, where the condition of the highway has been the cause of local concern, some \$3 million is being spent rehabilitating 6.7 km of pavement between Falls Creek and Tomerong.

Construction of approaches to a new culvert over Luncheon Creek, 43 km south of Nowra, is due to be completed at the end of 1984 and will eliminate an old narrow bridge on poor alignment.

Pavement restoration and shoulder sealing just north of Batemans Bay, including improvements to four intersections, were delayed by rain and problems with the supply and quality of materials. This work is now expected to be finished by November 1984.

Because of the nature of the terrain on the southern coastal areas of the highway, substantial improvements to alignment are needed to provide safer travelling conditions. As an interim measure the Department is concentrating on rehabilitation work to ensure adequate road shoulders and improved linemarking. Work was carried out on approximately 10 km during the year, and will continue on further lengths during 1984-85, especially between Moruya and Bodalla.

Hume Highway *State Highway No. 2*

This National Highway is the main Sydney-Melbourne route and now incorporates 64 km of the F5 — South Western Freeway from The Cross Roads, near Liverpool to Aylmerton, near Mittagong (see page 13). In June 1984 the Federal and State Governments announced the injection of \$300 million to provide for a minimum of four lanes between Sydney and Albury (see map on page 16).

Dual carriageways or four lanes are now provided along 172 km of the highway in New South Wales. To achieve the goal of providing four lanes by 1988, the existing road will be retained wherever practicable and two additional lanes constructed.

Work was completed during the year on 4 km of dual carriageway from Black Bobs Creek north to Cherry Tree Hill and construction began on a further 4.3 km north to Medway Rivulet. Both sections are ABRD projects and, with associated bridgeworks, will cost an estimated \$13 million.

North of Medway Rivulet, major deviations around Berrima and Mittagong are planned to link with the existing dual

carriageway at Aylmerton. These deviations will total 24 km and cost an estimated \$75 million. Work on the first stage of the Berrima deviation is scheduled to begin in 1984-85. Work will also commence next year on an interchange at the junction with the Illawarra Highway.

Construction of a new bridge over Uringalla Creek, 46 km south of Mittagong, began in February 1984 to replace a narrow bridge with a poor accident record. A narrow two-lane section of road through Marulan will be bypassed by 1986 with the construction of 7.3 km of dual carriageway. Work began in April 1984 and will cost an estimated \$13 million of ABRD funds.

Pavement strengthening and widening are being carried out on ageing sections of the highway north and south of Goulburn and construction has continued on the ultimate northbound carriageway between 13.3 km and 20.5 km south of Goulburn. This is an ABRD project due for completion early in 1985 at a cost of \$6 million.

Nearly \$3 million was spent improving the alignment of a poor section of road 33 km to 35 km south of Yass, between Bookham and Connors Creek. This work was completed at the end of 1983 and eliminates a length of road with a poor accident record.

Work began in February 1984 to provide dual carriageways from 47.6 km to 57 km south of Yass at an estimated cost of \$9.4 million. A new bridge was opened to traffic at Cooneys Creek, replacing a narrow structure that has been the scene of a number of accidents.

Dual carriageways are being constructed from 71 km to 78 km south of Yass. Work began in April this year and is expected to take two years to complete and cost \$10 million. The up-graded length will replace a sub-standard section of road with

poor alignment and grades. A similar project 12 km further south began in February. This will provide nearly 10 km of dual carriageway at a cost of \$7 million. Both projects are being funded under the ABRD program, as is construction of dual carriageway to provide a flood-free route south from Gundagai to Big Ben Creek, Tumblong. This 10.7 km stretch includes four bridges and will cost an estimated \$14.2 million.

A major improvement to the Hume Highway came in November 1983 with the opening of 11.5 km of the \$27 million Tumblong Deviation, south of Gundagai. This new section eliminates the infamous Sylvias Gap and its narrow, winding approaches. Driving conditions are now much safer and vastly improved with dual carriageways, sweeping curves and easy grades, and the new route is 2 km shorter than the old. Another 5.8 km of the deviation is due for completion by Easter 1985 and work on this section includes twin 76 m long bridges over Hillas Creek. These were completed during 1983-84 at a cost of more than \$1 million.

Further south, the first earthworks contract for the construction of 9 km of dual carriageway over Kyeamba Range, 80 km south of Gundagai, was completed, and others will be let by the end of 1984 to meet the anticipated completion date of 1986. This work will eliminate a steep, narrow, winding section of the highway with poor accident record.

A major improvement to the Princes Highway began with the construction of another bridge over the Georges River at Tom Uglys Point. When completed, the new bridge will carry southbound traffic and the old bridge will cater for northbound.



National Highway Major Route Development

South of Sydney

Major projects in progress or planned for early commencement

F5 - South Western Freeway

- ① Mittagong Bypass (9 km). Construction of dual carriageways including bridges.
- ② Berrima Bypass (15 km). Construction of dual carriageways including bridges.

Hume Highway

- ③ Medway Rivulet to Black Bobs Creek (7.6 km). Construction of northbound carriageway including new bridges; rehabilitation of existing carriageway.
- ④ Hoddles Crossroads. Construction of intersection with Illawarra Highway, and approaches.
- ⑤ Uringalla Creek. Construction of new bridge and approaches for southbound traffic.
- ⑥ Marulan Bypass (7.5 km). Construction of dual carriageways including bridges.
- ⑦ Goulburn Bypass (15 km). Construction of dual carriageways including bridges.
- ⑧ Yarra to Breadalbane Hill (7.2 km). Construction to provide dual carriageways and new bridge over Wollogorang Creek.
- ⑨ Cullerin Range Deviation (27 km). Construction of dual carriageways.
- ⑩ Yass Bypass (32 km). Construction of dual carriageways including bridges.
- ⑪ Two Mile Creek to Dunderalligo Creek (3.7 km). Construction of northbound carriageway.
- ⑫ Reedy Creek to Jugiong Creek (10 km). Construction of dual carriageways.

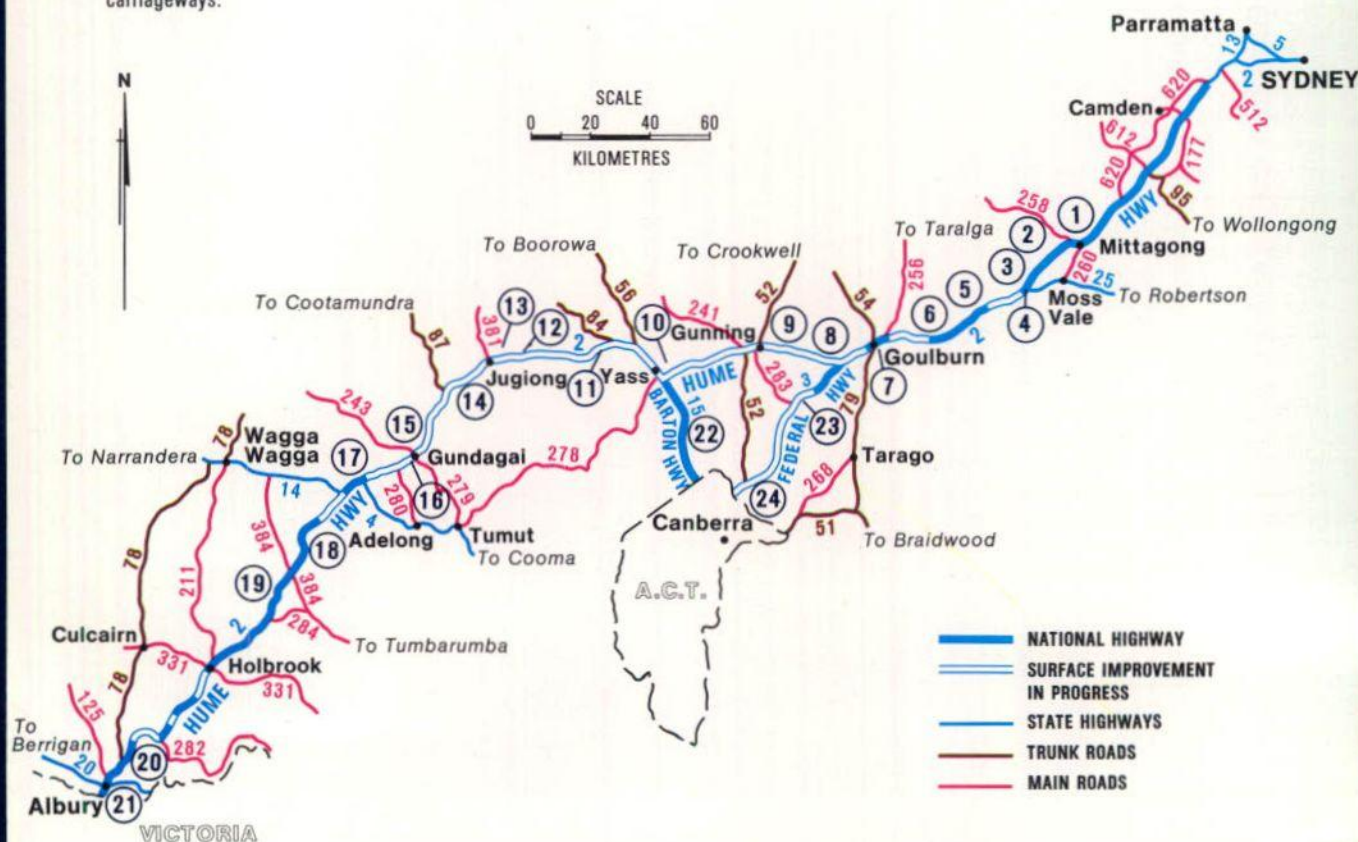
- ⑬ Jugiong Bypass (9 km). Construction of dual carriageways.
- ⑭ Cooneys Creek to Mooney Mooney Hill (11.9 km). Construction of dual carriageways.
- ⑮ Muttama Creek to North Gundagai (9.5 km). Construction of southbound carriageway.
- ⑯ South Gundagai to Tumblong (9 km). Construction of dual carriageways including bridges.
- ⑰ Tumblong Deviation: Stage 2 (6.3 km). Construction of dual carriageways.
- ⑱ Keajura Creek No.2 to Keajura Creek No.4 (11 km). Construction of dual carriageways including bridges.
- ⑲ Kyeamba Range (9.8 km). Construction of dual carriageways.
- ⑳ Tabletop to Eight Mile Creek (4 km). Reconstruction of northbound carriageway.
- ㉑ City of Albury. Rehabilitation of pavement.

Barton Highway

- ㉒ South of Yass (1.3 km). Construction of northbound carriageway.

Federal Highway

- ㉓ Collector Bypass (8.5 km). Construction of dual carriageway including bridges.
- ㉔ Bungendore Road to Sutton Road (11.6 km). Construction of dual carriageways and grade separated interchange with Sutton Road.



At Table Top, 15 km north of Albury, a 4 km section of the northbound carriageway is being reconstructed while North Street, Albury has been reconstructed in line with plans to provide four lanes on the highway's route through this border city.

Federal Highway **State Highway No. 3**

This highway links Canberra with the Hume Highway south of Goulburn and the Department plans to provide dual carriageways along the entire 67 km length to the border of the Australian Capital Territory. There are now 16 km of dual carriageway from the Hume Highway to Willow Tree Creek and it is planned to provide another 27 km of dual carriageway by 1988.

During 1983-84 work was virtually completed on the approaches to a new 51 m long prestressed concrete bridge over Willow Tree Creek, 29.1 km south of Goulburn. This work, which consisted of one carriageway of the ultimate dual carriageway between approximately 21.8 km and 30.5 km south of Goulburn, will eliminate a section of the highway subject to flooding and will improve safety for roadusers. The estimated total cost will be \$10.3 million.

Contracts totalling \$18.5 million were let for construction of the dual carriageway Collector Bypass (30.5 km to 37 km south of Goulburn) and for dual carriageways 62.7 km to 72.5 km south of Goulburn. Both projects will eliminate poor sections of the highway with bad accident records and, in the case of the Collector Bypass, eliminate a 2 km flood-prone section.

Pavement strengthening continued where required to ensure the road was safe for traffic, and a contract was let for asphaltic concrete surfacing of the ultimate northbound carriageway from 22 km to 30.3 km south of Goulburn.

Pavement rehabilitation will continue next year along the Lake George foreshore and preparations will be made to call tenders for the construction of a bridge and approaches on the southbound carriageway over Willow Tree Creek. Contracts will also be let for the extension of the Collector Bypass from 37 km to 39 km south of Goulburn, and for the construction of a grade-separated interchange with Sutton Road.

Great Western Highway **State Highway No. 5**

The Great Western Highway is the principal road access between Sydney and western New South Wales, running across the Blue Mountains to Bathurst where it joins the Mitchell and Mid-Western Highways. In the Sydney region the highway is supplemented by sections of the F4 — Western Freeway (see page 13).

In March this year the State Government released details of a program of road improvements in the Blue Mountains, under which the Department will carry out some

25 major projects on the Great Western Highway over the next five years (see map on pages 18/19).

The largest single project will be the extension of the F4 — Western Freeway from the Nepean River at Regentville to join the Great Western Highway at Lapstone, including duplication of the Regentville Bridge at a cost of \$14.9 million. Work on the bridge commenced this year (see page 13). Other works will involve widening the highway to four lanes with priority being given to replacing narrow or winding sections.

West of Parramatta, a \$6 million project to widen the highway at Prospect from four to six lanes between Church Lane and Reservoir Road began in January. This will provide much needed additional capacity on a heavily trafficked section. Similar work between O'Connell Street, Kingswood and Parker Street, Penrith is nearing completion. When both sections are finished there will be a six-lane divided carriageway between Toongabbie Road, Prospect and Parker Street, Penrith, with the exception of two four-lane sections from the F4 turn-off at Prospect to Chatsworth Road, Mount Druitt, and between Glossop Street, St Marys and O'Connell Street, Kingswood.

Widening to six lanes between Glossop Street and Charles Hackett Drive, St Marys commenced at an estimated cost of \$4.1 million, including duplication of the bridge over South Creek at St Marys. In future programs it is proposed to continue this widening to Water Street, St Marys to provide necessary relief in this heavily trafficked area.

Widening was completed at Glenbrook during the year, providing four lanes

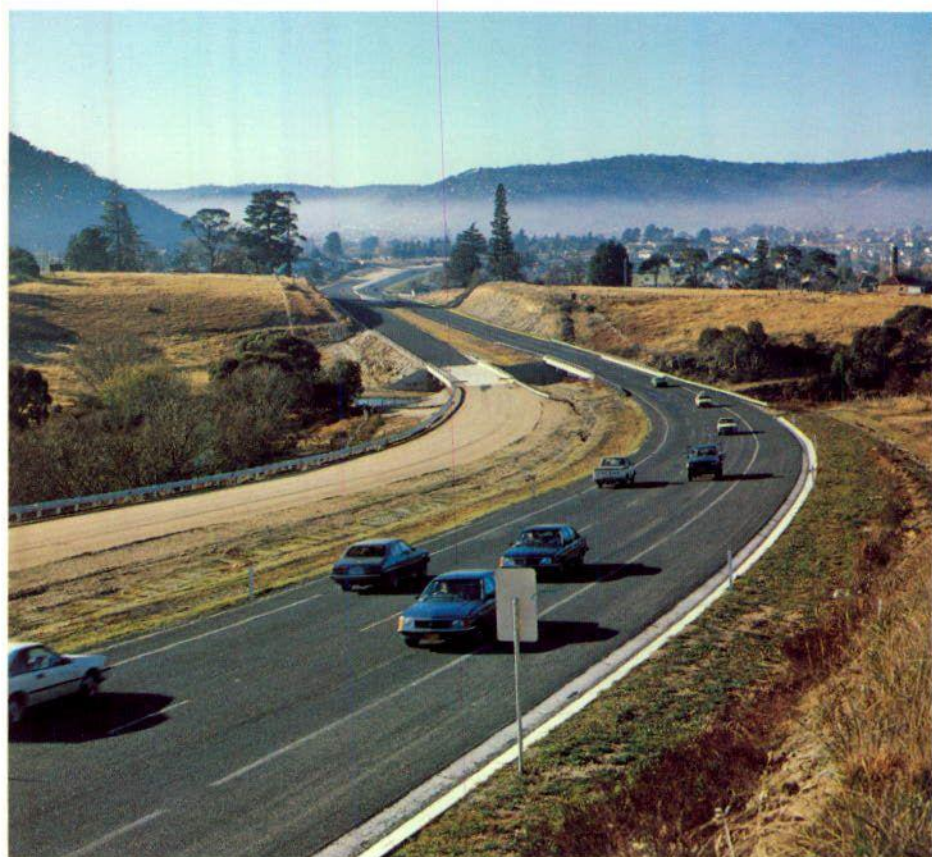
between Lapstone and East Blaxland. Similar work commenced at Blaxland and Valley Heights. At Blaxland Railway Station construction began on a pedestrian bridge to span the widened highway. This \$180,000 bridge will connect with the existing pedestrian bridge over the railway line.

At Faulconbridge, Wentworth Falls and Mount Victoria work continued on a number of passing lanes and junction improvements, and major pavement rehabilitation works are underway at Springwood and Linden at a cost of \$4.2 million.

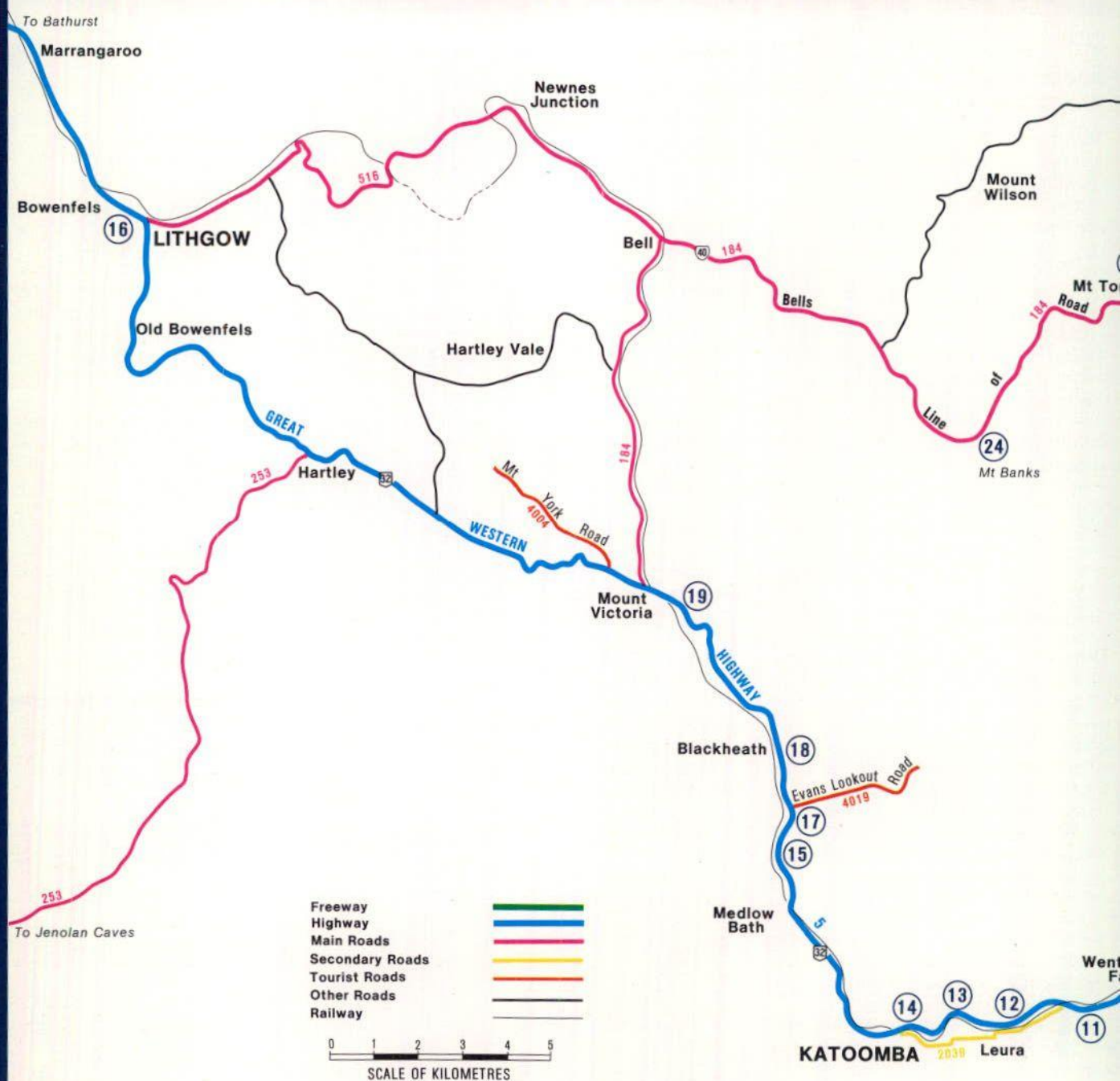
During the year the westbound carriageway of the 1.2 km Farmers Creek deviation at Bowenfels was opened to two-way traffic, eliminating an old substandard section of road which was subject to flooding and which contained a low clearance railway bridge. Work on this deviation is estimated to cost \$2.5 million, including twin bridges over Farmers Creek and the Western Railway Line. The eastbound carriageway will be open to traffic in September 1984.

Work continued on the adjacent 1.9 km section of dual carriageway west of the Farmers Creek deviation at an estimated cost of \$2.4 million. These works provide for the large volume of traffic using the highway between Lithgow and Wallerawang and eliminate a section of old concrete pavement in poor condition.

On the Great Western Highway, the westbound carriageway of the Farmers Creek deviation at Bowenfels was opened to two-way traffic. The eastbound carriageway will be open to traffic in September 1984.



Blue Mountains Road Improvement Program



F4 Western Freeway

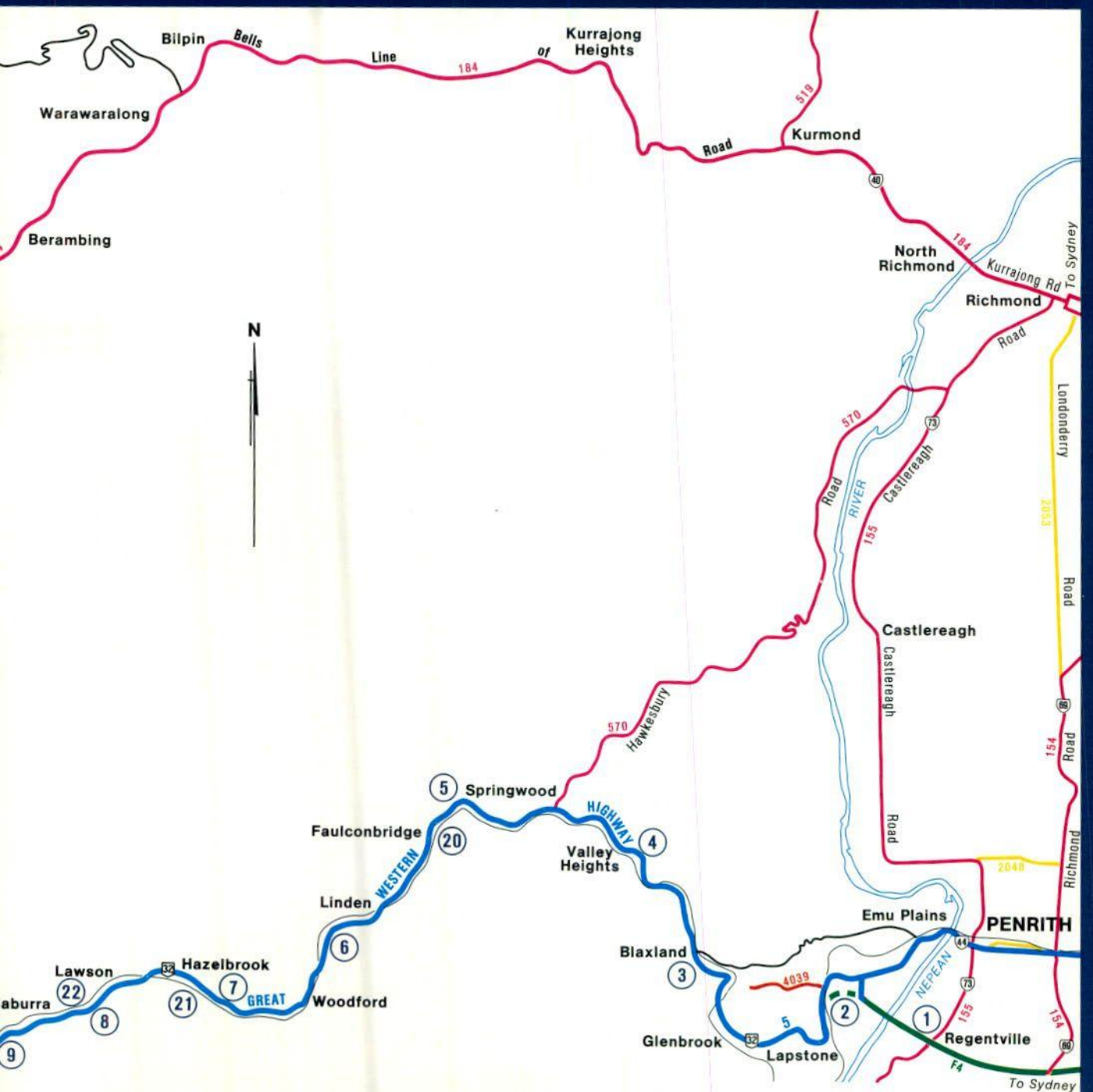
- ① Duplication of Regentville Bridge.
- ② Extension from Regentville to join Great Western Highway near Lapstone.

Great Western Highway

Widening to four lanes including intersection improvements and bridge widenings.

- ③ Hare St, Glenbrook to Warrimoo Shopping Centre (4.3 km).
- ④ The Avenue to Greens Parade, Valley Heights (2.7 km).
- ⑤ Greens Parade, Valley Heights to Bellevue Rd, Faulconbridge (7.1 km).

- ⑥ Lily Pond near Linden to Park Rd, Woodford (8.1 km).
- ⑦ Park Rd, Woodford to Burford St, Hazelbrook (1.8 km).
- ⑧ Burford St, Hazelbrook to Genevieve St, Bullaburra (5.5 km).
- ⑨ Genevieve St to Bodington Hill (1.2 km).
- ⑩ Bodington Hill to Old Bathurst Rd, Wentworth Falls (0.6 km).
- ⑪ Old Bathurst Rd to Sinclair Crescent, Leura (3.9 km).
- ⑫ Sinclair Crescent to Leura Mall, Leura (1.5 km).
- ⑬ Leura Mall to Bowling Green Ave, Katoomba (2.0 km) (including junctions at Leura Mall).
- ⑭ Bent St Deviation to Explorers Tree, west of Katoomba (2.3 km).



- 15 Explorers Tree to Hargraves St, Blackheath including Cants Corner (8.9 km).
- 16 West of Lithgow over Railway Line and Farmers Creek (1.9 km).

Intersection Improvements

- 17 Evans Lookout Rd, Blackheath.
- 18 Station St and Ridgewell Rd, Blackheath.

Climbing and Overtaking Lanes

- 19 Soldiers Pinch between Mt Victoria and Mt Boyce including two-lane deviation (2.5 km).

Pedestrian Grade Separation

- 20 Overbridge at Faulconbridge Railway Station.
- 21 Overbridge at Hazelbrook.
- 22 Underpass at Lawson Station.

Bells Line of Road

- 23 Climbing and overtaking lane at Mt Banks.
- 24 Climbing and overtaking lanes at east side of Mt Tomah, both sides of road.

Work started on improving the road alignment at an accident blackspot at Goodluck Hollow at a cost of \$600,000 and on a 1.6 km climbing lane at Hartley on the eastern side of River Lett. Work to improve the alignment between Marrangaroo and Meadow Flat is expected to begin in the coming year and design is underway for a new bridge and approaches over the Macquarie River at Bathurst.

Barrier Highway *State Highway No. 8*

The Barrier Highway leaves the Mitchell Highway at Nyngan and proceeds west through Cobar, Wilcannia and Broken Hill to the South Australian border at Cockburn. The highway is sealed along its entire length, although various sections require pavement and shoulder widening to bring them up to adequate standard. Work of this nature is currently underway at two locations between Cobar and Wilcannia and will continue on other sections where necessary in the future.

During 1983-84 two of the six prestressed concrete bridges over the Talyawalka Creek flood plain, at 9.2 km and 10.8 km east of Wilcannia, were opened to traffic. Construction commenced on the approaches to the four other bridges between 11.6 km and 13.1 km east of Wilcannia. These six bridges, ranging in length from 48 m to 120 m, will eliminate the last source of sustained flooding on the highway. The new structures replace two open causeways and four old timber bridges.

West of Broken Hill, the reconstruction and widening of more than 3 km of highway were completed at a cost of nearly \$2 million. Pavement rehabilitation and widening and elimination of narrow causeways continued at a cost of approximately \$800,000. Elimination of these hazards will improve traffic safety in the area.

New England Highway *State Highway No. 9*

The New England Highway extends from the Pacific Highway at Hexham via Tamworth and Glen Innes to Wallangarra on the Queensland border. It is a busy National Route which has long lengths of narrow pavement. Considerable effort is being made to improve the riding quality and to provide extra passing lanes. The Department is also concentrating on replacing sub-standard bridges and approaches, and easing traffic congestion in towns by widening the highway or constructing bypasses.

South of Muswellbrook, for example, effort is being concentrated on improving the road pavement and widening to provide overtaking lanes to cater for the increasing coal and general transport haulage of recent years. This work will improve the safety and capacity of the highway.

During the year, work continued on the approaches to the new bridge at Hexham. (This work is described under the Pacific Highway entry on page 21.) Extensive rehabilitation of deteriorating pavement is being carried out between Hexham and Maitland (from 16.4 km to 28.4 km north of Newcastle and in George Street and Grant Street, East Maitland) at a cost of \$1.75 million.

In January 1984 work began on the first stage of the \$27 million Maitland Inner City Bypass. This entails 1.7 km of four-lane divided carriageway from the New England Highway near Melbourne Street, East Maitland to Parallel Street, near Anzac Street, Maitland, and a bridge over Wallis Creek. The project will be carried out in three stages and is expected to be finished in 1987. This new route will eliminate through traffic, including a growing proportion of heavy vehicles, from the busy shopping centre of Maitland.

North of Maitland major rehabilitation work took place at Rutherford (\$1.1 million) and passing lanes were provided from Redpost to Harpers Hill (\$1 million) and from Jump Up Creek to Three Sisters (\$1.9 million). These works provide for improved traffic flow and overtaking in greater safety.

Construction of another important deviation began at Singleton during the year when work started on a new bridge over the Hunter River. The seven-span, 268 m long bridge will provide two traffic lanes and a footway. Together with a deviation of the highway for nearly 2 km this project will cost about \$6 million. When finished in 1986 it will replace the existing river crossing at Dunolly Bridge, which is not suitable to cope with the volume of heavy vehicles using the highway.

The first stage of the \$9 million rehabilitation and widening of the Liddell

deviation was begun and work commenced on rehabilitation and widening for an overtaking lane north of Greta.

Reconstruction of the highway at Scone will be completed in November 1984 at a cost of \$1.4 million; and a new \$3 million bridge over the railway at Wingen comprising two northbound lanes and one southbound has been started.

Pavement strengthening and widening are in progress along a number of sections of the highway, including a \$4.6 million project to upgrade 17 km of road from Willow Tree to Wallabadah and provide 12 km of climbing lanes. Another \$4.2 million is being spent restoring damaged pavement on four sections between Tamworth and Armidale.

Work continued on the \$3.2 million bypass of Bendemeer, including new bridges over the MacDonald River and Perrys Creek. Between 18 km and 23 km north of Armidale work costing nearly \$4 million is nearing completion to correct a poorly aligned, narrow section of road. Included is a new bridge over Tilbuster Ponds.

Between 50 km north of Armidale and 14 km north of Tenterfield, extensive pavement rehabilitation works at selected locations are in progress or nearing completion at a total estimated cost of \$5 million. Widening commenced at the bridge over Redbank Creek (92 km north of Armidale) and at Pyes Creek (59.5 km north of Glen Innes), while work also began on a new bridge over Sandy Creek, 62.6 km north of Glen Innes.

A sign that is becoming a common sight on New South Wales roads.



During 1984-85 work is expected to commence on the building of dual carriageway deviations at Belford and Ravensworth. Work will also continue on the central and western sections of the Maitland Inner City Bypass and on the rehabilitation and widening between Harvey Road, Rutherford and Robert Road, Lochinvar and between Orient Street and Devon Street at Greta.

At Singleton, pavement rehabilitation will continue between Kelso Street and Dunolly Bridge and contracts will be let for the construction of approaches to the new bridge, as well as for dual carriageways at Rixs Creek, between 51 km and 53.8 km north of Maitland. Major rehabilitation work will continue at the Liddell deviation and planning is proceeding to begin a 1.4 km extension of the dual carriageway south of Muswellbrook.

Pacific Highway State Highway No. 10

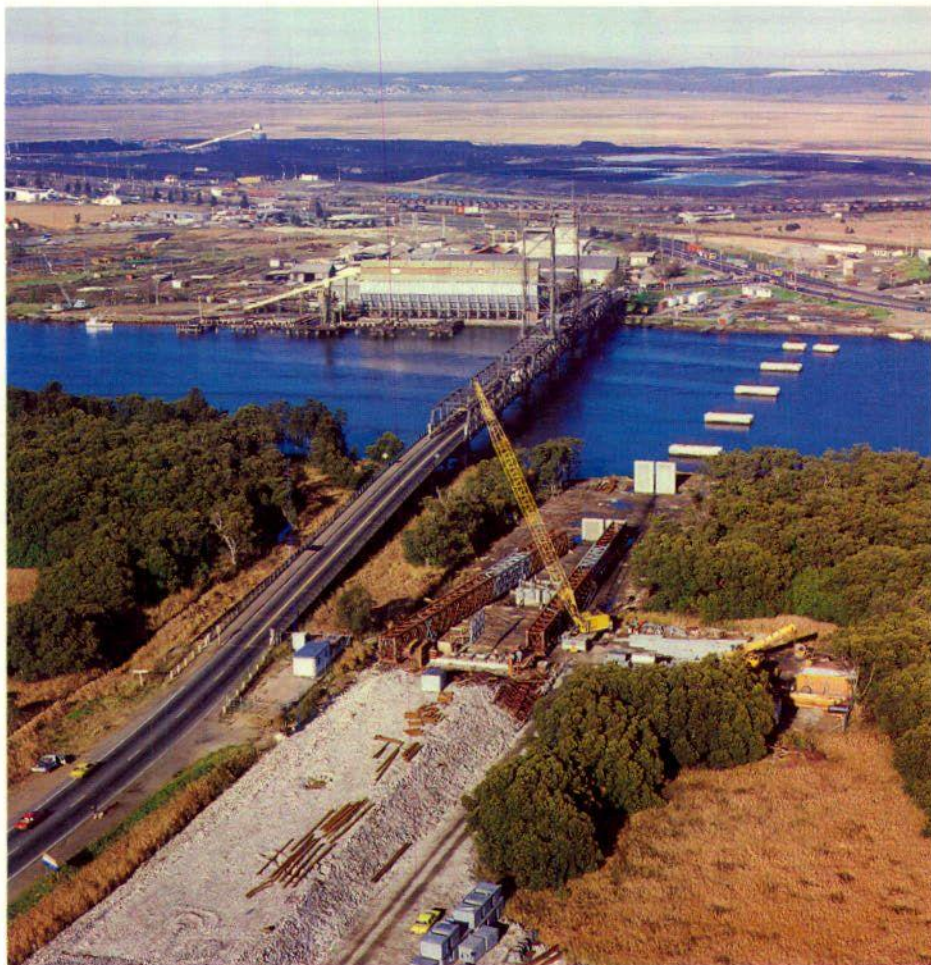
One of the country's busiest highways and the principal link between Sydney and Brisbane, the Pacific Highway is being upgraded by a number of major projects. Particular emphasis is being placed on eliminating sections of the highway with poor accident records, providing additional capacity on busier sections and strengthening older pavements in heavier rainfall areas in the north of the State.

From the Hawkesbury River to Doyalson the highway is basically bypassed by the F3 — Sydney-Newcastle Freeway. The main requirements here in the next few years will be to improve the capacity of the two-lane sections between Kariong, Gosford and Ourimbah, together with the reconstruction of the highway through Wyong.

During 1983-84 construction began on the approaches to the bridge over Cut Rock Creek and \$1.3 million was spent constructing a roundabout at the intersection with Cobbs Road (Main Road No. 335) which connects with the F3 — Sydney-Newcastle Freeway at Tuggerah. Pavement resealing was carried out between Mt White and Kariong and pavement and shoulder rehabilitation took place on the southern and northern approaches to Wyong.

While traffic conditions between Kangy Angy and Doyalson have improved since the opening of the F3 — Wyong bypass, delays have occurred on the F3 — Doyalson link where initial construction was limited to one carriageway. Construction of the other carriageway is proposed in the 1984-85 program.

Widening to four lanes was completed on 6.8 km between the southern and northern junctions to Catherine Hill Bay. Work will begin next year on the rehabilitation of the southbound carriageway between Chain Valley Road and Kanangra Drive and on the construction of dual carriageway on the remaining 7 km of two-lane highway to Swansea.



North of Newcastle work continued on an important new crossing of the Hunter River at Hexham, near the junction of the New England Highway. The 15-span, 576 m long concrete box girder 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 traffic from the Pacific Highway approaches and one lane from an on-loading ramp for New England Highway traffic from Maitland. This ABRD project is planned for completion in 1985 and will greatly ease congestion at this junction, particularly during holiday periods.

A new bridge over Stewarts River, 37.8 km north of Taree, was completed at a cost of \$2.3 million. The 289 m long, prestressed box girder construction will provide two traffic lanes, replacing a narrow flood-prone bridge on poor alignment. The new bridge was built in conjunction with a deviation which will eliminate a winding section of road 36 km to 39 km north of Taree.

A railway overbridge, replacing an old narrow bridge with a poor accident record, was completed at Rossglen where construction also began on a \$3.1 million bridge over the Camden Haven River.

A contract was let for the reconstruction of 5 km of highway south of Kempsey, between Smiths Creek and Maria State Forest, which has been the scene of many accidents.

A new 578 m long bridge over the Hunter River at Hexham is being built to carry northbound traffic, while the old Pacific Highway crossing will take southbound traffic.

Completion of the Deep Creek Deviation, which takes in the previously completed sections at Bellwood and Cow Creek, finalised the bypassing of Nambucca Heads. This \$4.7 million project has eliminated one railway level crossing and several narrow timber bridges on winding sections of road, and has shortened the highway by 3 km.

Widening of two bridges and the reconstruction of 2.7 km of road immediately north of Woolgoolga have replaced an extremely poor alignment and provided footways and cycleways for the safety of local school children.

Further north, an ABRD project is underway to replace a flood-prone section of highway with poor alignment and weak pavement at Wedding Bells State Forest. Two other ABRD projects are in progress between Maclean and Woodburn. The first is at Chatsworth Island where a deviation of the highway will shorten its length by 1.9 km as well as improving alignment and providing overtaking opportunities in both directions. At Tabbimoble Creek, approaches are being built to two new bridges which will eliminate flooding that periodically closes the highway.

National Highway Major Route Development

North of Sydney

Major projects in progress or planned for early commencement.



F3 - Sydney-Newcastle Freeway

- ① Hornsby Bypass (14.9 km). Construction of bridge and approaches at Edgeworth David Avenue.
- ② Calga to Mooney Mooney Creek (3.7 km). Construction.
- ③ Mooney Mooney Creek. Construction of twin bridges.
- ④ Mooney Mooney Creek to Somersby (10.8 km). Construction
- ⑤ Wyong to Wyee (18 km). Construction, including Wallarah Creek Interchange.
- ⑥ Wyee Creek. Construction of twin bridges.
- ⑦ Wyee to Dora Creek (10 km). Construction.
- ⑧ Dora Creek. Construction of twin bridges.

Pacific Highway

- ⑨ Lake Munmorah. Construction of pedestrian crossing at public school.
- ⑩ Southern Lake Macquarie Boundary to Northern Catherine Hill Bay Junction. (2 sections— 3.2 km and 1.5 km).
- ⑪ Gateshead to Warners Bay Road, Cains Hill (1.2 km). Construction of divided carriageway.
- ⑫ Hunter River at Hexham. Construction of bridge and approaches.

New England Highway

- ⑬ Maitland Inner City Bypass (1.7 km). Construction.
- ⑭ Harpers Hill to Redpost Hill (1.6 km). Construction of dual carriageways.
- ⑮ Hunter River at Singleton. Construction of bridge.
- ⑯ Kelly Street, Scone (0.7 km). Construction of concrete pavement.
- ⑰ Wingen. Construction of bridge over railway.
- ⑱ Bendemeer. Construction of bridge over MacDonald River.
- ⑲ North of Armidale (2.48 km). Reconstruction of carriageways.
- ⑳ Stonehenge to Redbank Creek (1.1 km). Construction of dual carriageway and widening of bridge over creek.
- ㉑ Pyes Creek. Widening of bridge.
- ㉒ Sandy Creek. Construction of bridge.
- ㉓ Tarban Creek. Construction of bridge.

At Tweed Heads work is progressing on a new Boyds Bay Bridge over Terranora Creek. This bridge will alleviate major traffic delays by replacing a narrow two-lane structure which carries up to 38,000 vehicles a day. It will provide two lanes for southbound traffic and three for northbound, including one lane for access to Kennedy Drive. The new bridge and associated roadworks will cost about \$4.5 million.

South from the bridge, dual three-lane carriageways are being constructed for 3 km at a cost of \$4 million. This work will replace a heavily trafficked two-lane section of highway, resulting in greatly improved traffic flow. A raised median will improve traffic safety and, with turning bays at fewer intersections, the new road will further reduce potential hazards. When this work is completed, a dual carriageway will run from Barneys Point Bridge over the Tweed River to the Queensland border, a distance of 9 km.

Gwydir Highway *State Highway No. 12*

This highway runs from the Pacific Highway at South Grafton to Glen Innes, Inverell, Moree and Collarenebri. It is sealed from South Grafton as far as 80 km west of Moree, although much of the sealed length is narrow. Pavement rehabilitation and widening are underway or completed at a number of locations, including the replacement of the last section of single lane bitumen 44 km to 49.3 km west of Inverell.

A tender has been accepted for the replacement of two substandard timber bridges with prestressed concrete structures at Burradon Waters, west of Moree, and work is expected to begin in September 1984 on a new 127 m long, two-lane bridge over the Barwon River at Collarenebri. This will replace an old, narrow timber bridge at a cost of \$1.8 million.

Barton Highway *State Highway No. 15*

The Barton Highway runs from the Hume Highway near Yass, via Murrumbateman to the Australian Capital Territory boundary.

Work began on a new box culvert at Jeir Creek to replace a narrow bridge on poor alignment. The bridge and its approaches will cost about \$1.2 million.

Pavement rehabilitation and widening were completed over a length of 1.5 km as part of a progressive project to upgrade the existing pavement either for use as one interim carriageway of a future dual carriageway, or to cater adequately for traffic until the route is deviated. An important aim in selecting sections for treatment on this road is to improve or eliminate locations with poor accident histories.

Other rehabilitation work required was held over owing to more urgent needs on the Hume Highway. There are still several

kilometres requiring rehabilitation as soon as funds permit, including three sections with bad accident records.

Bruxner Highway *State Highway No. 16*

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

The reconstruction of a winding 5 km section of the highway from the coastal escarpment to Alstonville has been delayed owing to lengthy negotiations for land acquisition, but when completed it will provide an improved alignment and a climbing lane.

Increased funding enabled the construction of dual three-lane carriageways in Lismore to be accelerated. Reconstruction of the highway from Kellas Street to Dawson Street was finished. Work began to replace the narrow, two-lane section from Dawson Street to Molesworth Street. This work will greatly improve traffic flow through Lismore and the roundabouts planned for the intersections at Dawson and Molesworth Streets will improve their capacity and reduce potential hazards.

Construction began on two new bridges 105.3 km and 105.7 km west of Casino. These will replace two timber structures at a cost of about \$450,000. Work continued 15 km further west on upgrading a poorly aligned 5 km stretch of road.

Two bridges over the Dumaresq River overflow channel, 50 km and 74 km west of Tenterfield, were completed. This section of the highway will be flood-free when the approaches are completed later this year. A third bridge, over the Beardy River 80 km west of Tenterfield, was also completed. The total cost of these three bridges was approximately \$460,000.

Work is continuing on a 48 km deviation of the highway from Yetman to Boggabilla. This less flood-prone route has been open since December 1982 and is now sealed for approximately 21 km. Another 11 km of sealed road will be available next year as this \$6.25 million project continues.

Newell Highway *State Highway No. 17*

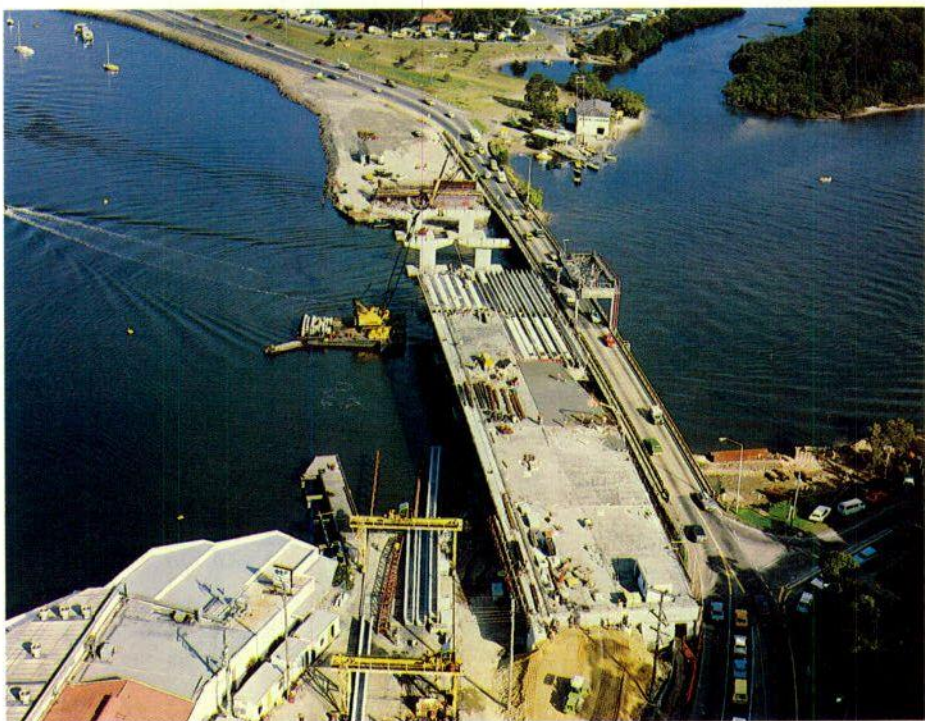
The State's main north-south inland route, the Newell Highway, runs from Tocomwal on the Victorian border to Boggabilla on the Queensland border, via Parkes, Dubbo and Moree.

The Newell Highway is used by heavy vehicles travelling from Adelaide and Melbourne to Brisbane with these vehicles comprising as much as 46 per cent of the traffic on some sections of the highway. As a result, pavement edge failures are a major problem of this route.

Throughout the highway's length a series of works were undertaken during the year to improve safety and riding conditions by rehabilitation and widening, including the provision of passing lanes and bridge widening. At the southern end of the highway, a timber bridge at Jerilderie was replaced and plans are well underway to replace the old single-lane bridge over the Murray River at Tocomwal, as well as constructing a deviation around the town.

Nearly 15 km of highway were rehabilitated in two sections south of Narrandera during the year. Further rehabilitation will continue on other sections next year, along with the replacement of

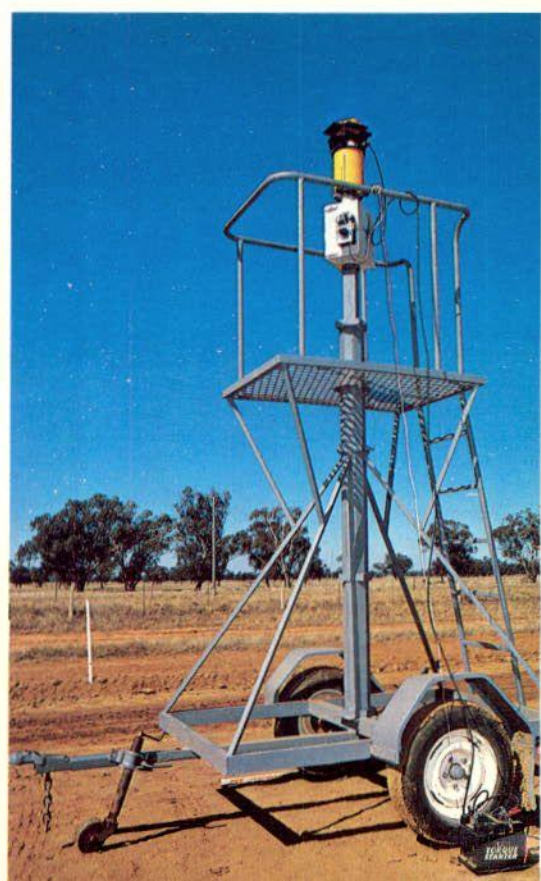
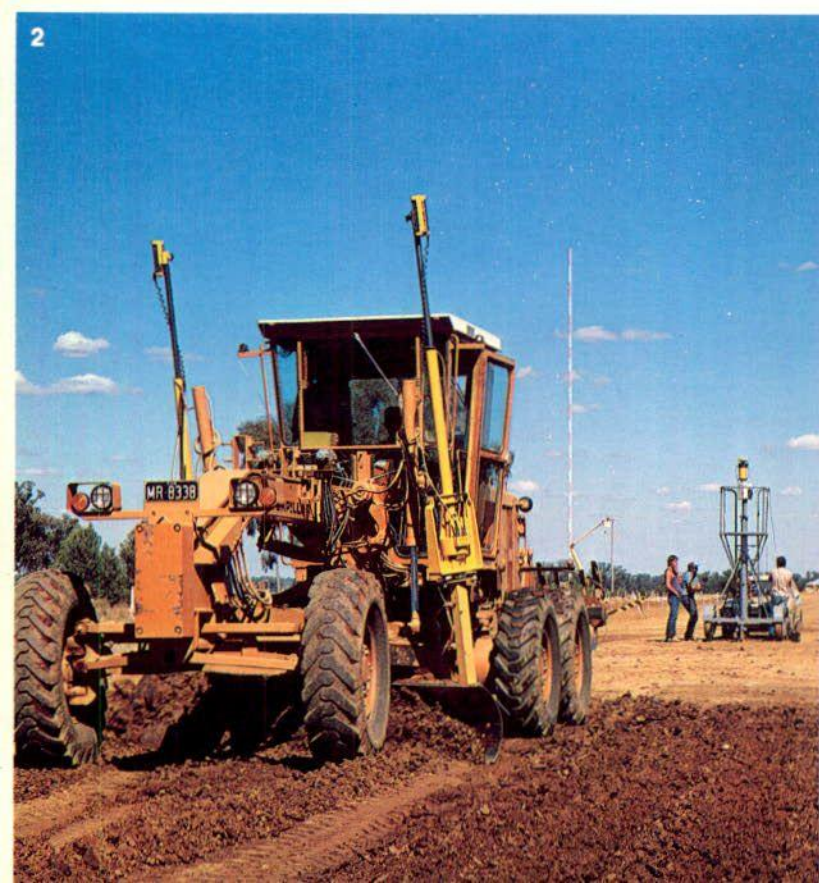
This \$3.5 million bridge over Terranora Creek at Boyds Bay, near Tweed Heads, will greatly ease traffic congestion on this section of the Pacific Highway.





1. A new bridge over the Numeralla River (in the foreground) and another over the flood plain will provide a flood-free route for the Monaro Highway

2. The Department has carried out preliminary tests on the use of a laser beacon to control the level and crossfall of grader blades. The beacon controls the line and level of a grader blade fitted with sensors and is aimed at increasing accuracy on straight lengths of road with a constant grade.



bridges and approaches at Bundigerry Creek, the Murrumbidgee Irrigation Area Main Canal and the railway overbridge at Narrandera, as well as improvements near the level crossing at Alleena.

Improvements were carried out at seven locations from south of Forbes to Gilgandra, including pavement strengthening and widening, improving the northern approach to the level crossing at Parkes and approaches to a new bridge over Marthaguy Creek No.1, near Gilgandra. These works will upgrade 15 km of highway at a cost of \$3.6 million.

North of Narrabri, the Mulgate Deviation was opened to traffic in May 1984. This \$4 million route bypasses the Mulgate Creek floodway and eliminates a level crossing with a railway overbridge.

Some 5 km of deteriorating pavement between Narrabri and Bellata were upgraded during the year and rehabilitation work will continue along this length of highway next year. Major works scheduled for commencement in the next five years include the construction of a new bridge over the Castlereagh River at Coonabarabran and widening of narrow concrete bridges between Narrabri and Narrabri West, including the provision of a railway overbridge that will eliminate two level crossings.

Monaro Highway
State Highway No. 19

Beginning at Canberra, the Monaro Highway extends southwards via Cooma and Bombala to the Victorian border.

Work continued on the reconstruction of 10.6 km of the highway southward from the border of the Australian Capital Territory to Lenane Creek at a cost of nearly \$5 million. Coupled with work being done in the ACT, this project will provide 14 km of reconstructed highway by June 1985. The reconstruction and widening of the section between 18.2 km and 23.4 km south of the ACT is also expected to be completed by June 1985 at a cost just over \$1 million.

During 1983-84 construction began on two bridges over the Numeralla River and its flood plain. This \$5 million ABRD project will replace an old timber bridge with a flood-free route on an improved alignment. The bridge over the river will be an eight-span, 223 m long structure, while the one over the flood plain will have 11 spans over its 303 m length. Both bridges have broad flange girders founded on driven steel 'H' piles and will provide two lanes for traffic.

During 1984-85 it is expected that work will begin on replacing the old timber railway overbridge and its approaches at Ingelara, approximately 63 km south of Canberra.

State Highway No. 23

A vital link in Newcastle's arterial road network, State Highway No. 23 runs from the Pacific Highway at Charlestown, through



Lambton and Birmingham Gardens, to the Pacific Highway at Sandgate. Ultimately it will provide a bypass of inner Newcastle from Windale to Sandgate.

The highway now uses residential streets between Newcastle Road, Jesmond and Sandgate Road, Shortland, but increased traffic in recent years has accentuated the deficiencies in this route.

In January 1984 plans for a proposed deviation were exhibited for public comment, and preliminary earthworks have since begun on the construction of dual carriageways between Newcastle Road and Sandgate Road. This 3.2 km project includes overbridges at Janet Street and Rankin Drive and a pedestrian/cycle overbridge near Michael Street. It is expected that this project will take four years to complete at a cost of \$22 million.

When finished, the new work will divert as many as 3000 vehicles from local streets during peak periods, thereby greatly improving traffic flow and providing considerable noise relief for residents in streets where through traffic now passes.

During 1983-84 Newcastle City Council continued the construction of dual carriageways between 2.27 km and 3.56 km north of Charlestown, due for completion in December 1985 at a cost of \$4 million.

Wollongong-Picton Road
Trunk Road No. 95

Running from the Princes Highway at North Wollongong via Wilton and Maldon to the Hume Highway at Picton, Trunk Road No. 95 is a major coal haulage route.

Work began in 1983-84 to provide channelisation at the junction with the link road to the F6 — Southern Freeway at Mt

The 3.5 km Mulgate Deviation of the Newell Highway just north of Narrabri was opened to traffic in May 1984. The \$4 million project eliminated a railway level crossing and will be free of all but major floods.

Ousley and to reconstruct deteriorated pavement between 24.6 km and 27.6 km northwest of Wollongong.

Pavement and shoulder rehabilitation also took place between 9.2 km and 13 km and between 27.6 km and 33.75 km northwest of Wollongong.

Improvements to the road will continue next year with the completion of the foregoing works and the construction of a passing lane for eastbound traffic 8 km to 14.25 km west of Mt Ousley Road (Main Road No. 513).

Major needs in the next five years are to construct deviations at Wilton and from Mt Ousley Road (Main Road No.513) to The Cuttings, as well as to construct an interchange at the junction with Mt Ousley Road.

Putty Road
Main Road No. 503

The road runs from Wilberforce north of Windsor via Howes Valley and Bulga to the New England Highway at Singleton and its major needs include the provision of extra overtaking lanes, curve improvements, installation of guard-rail fencing and the replacement of narrow timber bridges. Some work was accomplished in all these areas during the year.

Pavement strengthening and widening are being carried out at a number of locations, including the provision of

overtaking lanes between 33.4 km and 35.1 km north of Windsor for northbound traffic and between 56.8 km and 59.1 km north of Windsor for southbound traffic.

A narrow timber bridge at Howes Swamp, 71 km north of Windsor has been replaced, while substantial improvements, resulting in safer travelling conditions, were made with the rehabilitation of pavement and the improvement of poor crossfall conditions at various locations between 25.2 km and 93.2 km south of Singleton.

Pavement rehabilitation, including shoulder and drainage improvements, took place from 26 km to 27 km and from 29 km to 34 km south of Singleton. Mesh wire fencing was replaced with guardrail from 33.9 km to 44 km south of Singleton and approaches were built to a new bridge over Terrys Creek. Work also began on pavement rehabilitation including construction of an overtaking lane at Bobs Rock, 61.5 km to 62.8 km south of Singleton.

Work will continue next year and include a major improvement in widening the road at Staircase Hill, between 87.2 and 89 km south of Singleton. Further planned improvements include the replacement of a number of old timber bridges over the next five years.

Bridgeworks

Principal bridge construction projects have been described under the appropriate route headings in the preceding pages of improvements to the road system. Other significant bridges completed and opened to traffic during 1983-84 included:

Two 150 m long, 10-span, prestressed concrete plank bridges over the Talbragar River and flood channel, 1.5 km east of Craboon on Trunk Road No. 55. These bridges replaced an old timber bridge at a total cost of \$1.1 million.

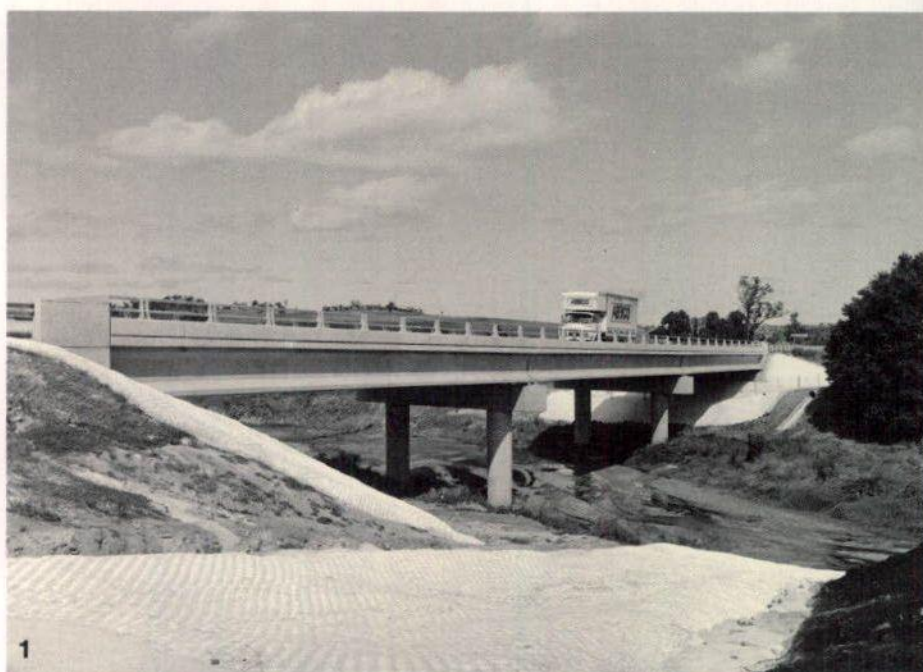
A five-span, 11 m long, prestressed trough girder bridge over Wollondilly River (Marsden Bridge) 3.2 km north of Goulburn on Trunk Road No. 54. This replaced a narrow, timber truss bridge at an estimated cost of \$800,000.

A four-span, prestressed concrete girder bridge over Fish River at O'Connell, 26.4 km north of Oberon on Main Road No. 253. This replaced a timber truss bridge (built in 1879) at a cost of \$570,000.

A summary of bridgeworks undertaken during 1983-84 is shown in Table 1. Full details will be published in a separate supplement at a later date.

Table 1. Bridgeworks on Classified Roads, 1982-83 and 1983-84

Road Classification	Completed and opened to traffic		Completed but not opened to traffic		In Progress	
	At 30/6/83	At 30/6/84	At 30/6/83	At 30/6/84	At 30/6/83	At 30/6/84
Freeways	18	20	18	11	23	20
State Highways	45	25	18	27	41	47
Trunk Roads	10	8	3	1	11	12
Main Roads	19	17	3	5	17	26
Secondary Roads	—	2	—	2	—	5
Tourist Roads	—	—	—	—	—	—
County Roads	—	—	—	—	—	—
Developmental and Unclassified Roads	2	1	1	1	4	3
Totals	94	73	43	47	96	113



1. This new bridge over Cooneys Creek, south of Jugiong, replaces a narrow structure that was the scene of many accidents on the Hume Highway. The 'quilted' concrete controls erosion.

2. More than 100 years separates the building of these two bridges over Fish River at O'Connell, north of Oberon. The new bridge was opened during the year, the one on the left in 1879.

Sydney Region

Major road projects in the Sydney region are planned to provide a balanced transport network. The area has a high level of car ownership and virtually all goods distribution is by road transport. A comprehensive road program benefits the whole community by reducing congestion, improving travelling times, lowering transport costs, reducing accidents, enhancing the environment and providing employment.

In specific terms, road proposals can be seen as providing direct benefits by:

- reducing the constraints on the present road network (e.g. by constructing a new bridge over the Georges River at Tom Uglys Point);
- linking the National Highways to the urban road network (e.g. by extending the South Western Freeway from Liverpool to Beverly Hills);
- providing improved cross regional and ring road routes (e.g. by completing the new route from Liverpool to Wentworthville);
- bypassing commercial centres (e.g. by completing the bypass of Lidcombe, including a new railway underpass); and
- supporting the growth of major developing areas (e.g. through the implementation of the Western Region road program).

Northern Suburbs

The major projects underway north of the city include construction of the Wahroonga-Berowra section of the F3 — Sydney-Newcastle Freeway (see page 11) and the widening of Pennant Hills Road to six lanes between Beecroft Road and Pearce's Corner. Work continued during the year on adjustments to properties and relocation of public utilities in preparation for widening the section between Beecroft Road and Yarrara Road, and improving intersections with Duffy Avenue, Dartford Road and Normanhurst Road with right turn bays.

At Balgowlah, the Burnt Bridge Creek Deviation is nearing completion. This is being built to alleviate traffic problems by providing motorway conditions for through traffic on a new route from Sydney Road to Condamine Street. The new road will have six lanes on a divided carriageway built at a cost of almost \$12 million, including a bridge over the new road to link Kitchener Road and Myrtle Street.

Reconstruction and widening to four lanes of Castle Hill Road for nearly 1 km west of Pennant Hills Road at Thompsons Corner was commenced.

Work also began on the duplication of the bridge over Lane Cove River in Epping Road. The new 31 m long bridge will provide another three lanes for traffic which will ease delays experienced in this area during peak periods.

Some other works in the northern suburbs are mentioned under State Route No. 33.

Western Suburbs

Some of the many works underway in Sydney's rapidly growing western areas have been mentioned elsewhere in this report under sections dealing with F4 — Western Freeway; Great Western Highway; and Parramatta Ring Route.

North of Parramatta River in Dundas work began on widening Kissing Point Road (Main Road No. 574) to six lanes between Spurway Street and Dundas Public School. Widening was completed from Station Street to Bettington Road at a cost of \$3.25 million. Kissing Point Road provides a link between the proposed Silverwater Road extension and the Parramatta Ring Route and will eventually provide relief for traffic in Victoria Road through Ermington and Rydalmere. A part of the proposed Silverwater Road extension from Kissing Point Road to Kingsford Street, Dundas, estimated to cost \$3 million, is nearing completion.

Old Windsor Road is being progressively reconstructed and widened from two to six lanes to cater for the development of the Blacktown — Parklea area. Ultimately, this work will be extended from Wentworthville to Windsor Road, Kellyville. During the year, widening was completed between Hammers Road and Johnstons Bridge and is continuing to Pyes Crossing. A roundabout is also being constructed at the intersection with Seven Hills Road, Kings Langley. This will alleviate peak hour congestion and considerably reduce the accident potential at this busy intersection.

Improvements to Windsor Road during the year included the channelisation of the intersection with Brandon Road and Chapman Road, Vineyard; the provision of a right turn bay at the junction of Victoria Avenue, Castle Hill; and more than \$5 million worth of reconstruction between Whitehaven Road, Northmead and Showground Road, Kellyville to provide for the increasing volume of traffic in this rapidly developing area.

Development of the Liverpool to Wentworthville route is continuing on schedule to be finished to coincide with the completion of the Parramatta Ring Route southwards to Old Prospect Road, Wentworthville in 1988-89. This will provide an alternative to Woodville Road and the Hume Highway for traffic travelling between Parramatta and Liverpool. Work began on the construction of a new four-lane, 60 m long bridge over Cabramatta Creek in Orange Grove Road.

Also in the Liverpool area, widening and channelisation took place at a new junction of the Hume Highway and the South Western Freeway (see page 13), while \$2.3 million was spent widening Moorebank Avenue in conjunction with the upgrading of the intersection of Newbridge and Heathcote Roads and construction of

the South Western Freeway between the Hume Highway and Heathcote Road. The opening of this section of the freeway later this year will ease traffic congestion in Liverpool.

The widening of Elizabeth Drive (Main Road No. 515) to six lanes between Maxwell Avenue and Reservoir Road, Mt Pritchard, was completed and a roundabout is being constructed to relieve congestion at the intersection of The Horsley Drive and Wallgrove Road.

On the Alford's Point-Bankstown-Silverwater-Dundas Ring Route, traffic congestion will be eased at two locations in the next six months with the completion of the first stage of the Fairford Road extension between Arkley Street and Canterbury Road, Bankstown and the Bede Street deviation at Lidcombe. Over the next three years work will continue on constructing a grade separation over Canterbury Road and extending the route south to Bryant Road.

Bungaribee Road, Blacktown, is being extended from Blacktown Road to Lock Street, to provide a southern bypass of Blacktown shopping centre; while Richmond Road is being widened to four lanes between Breakfast Road and Falmouth Road.

Southern Suburbs

A major need on the Princes Highway is to improve the safety and capacity by channelisation of intersections and construction of right turn bays. Improvements were carried out at four intersections during the year at a cost of more than \$3 million. These included right turn bays at the intersection with Old Bush Road, Engadine, and between Formosa Street and Box Road, Sylvania. Channelisation works were continued at Jubilee Avenue, Carlton, and completed at Forest Road, Arncliffe, at a cost of over \$1.1 million.

The duplication of the existing bridge over the Georges River at Tom Uglys Point commenced during the year. The new steel box girder bridge with a reinforced concrete deck will be 604 m long. The \$17 million project is due for completion in 1986, and to date some two-thirds of the foundation piles, which are up to 60 m long, have been constructed. Southbound traffic will be diverted on to the new bridge and the existing bridge will carry northbound traffic only, thus providing a six-lane capacity. This will eliminate long delays now experienced during weekday peak periods, weekends and holiday periods, and provide safer and quicker access to the southern region of Sydney, the Illawarra area and the south coast resorts of New South Wales.

A pedestrian bridge over the Sutherland Bypass (Acacia Road) was opened during the year, providing safe access across this busy thoroughfare at a cost of \$330,000.

Preliminary work began on the construction of a link road between Wentworth Avenue and General Holmes

Drive, Mascot. This work, which involves grade separation at both Wentworth Avenue and the Sydenham-Botany railway line, will provide a direct connection for north-south traffic between Southern Cross Drive and General Holmes Drive, and remove its existing conflict with east-west traffic, particularly to Sydney Airport.

At Bondi Junction, north-south traffic movement and access to the shopping centre were improved by the extension of Carrington Road from Birrell Street, through Council Street, to Bondi Road.

The widening of Henry Lawson Drive to six lanes in Peakhurst continued, including the widening of the bridge over Salt Pan Creek. The existing 190 m long bridge will be widened from two to six lanes for traffic and will provide two pedestrian footways. Henry Lawson Drive forms part of State Route No. 55 which provides important access from Sydney Airport to the southwestern suburbs of Peakhurst, Moorebank and Liverpool and the western areas of Merrylands, Granville and Parramatta. It also provides a link with State Route No. 33 from Blakehurst to Mona Vale.

State Route No. 33

This is Sydney's most important ring route, extending nearly 50 km from Mona Vale in the north via Pymble, Ryde, Homebush and Hurstville to the Princes Highway at Blakehurst. It is planned eventually to provide six lanes throughout most of the route and nearly half its length has been constructed to this standard. Widening is presently underway on another 5 km, leaving 20 km to be completed.

Work is continuing on the extension of dual three-lane carriageways along King Georges Road. The section between Beverly Hills and Lakemba was completed during the year and the section from Tavistock Road to the Princes Highway, Blakehurst is now in progress.

The link between King Georges Road and Roberts Road at Lakemba was completed, thereby considerably improving traffic conditions in the area, while in Roberts Road the construction of dual carriageways between Wilbur Street and Karuah Street, Greenacre began.

An important deviation is nearing completion in Strathfield from Pemberton Street to Arthur Street. Known as the Hudson Park Deviation, the work is expected to cost about \$3 million. As well as providing increased capacity, the deviation will remove traffic from residential streets and provide a more direct route.

Construction began during the year on the \$13 million Pymble Interchange at the intersection of the Pacific Highway with Mona Vale Road and Ryde Road. The first stage of this work is a new railway bridge over Mona Vale Road which is being built by the State Rail Authority. Ryde Road/Mona Vale Road approaches will be lowered to pass under the Pacific Highway and ramps will be provided between these roads to form a diamond-type grade separation. Completion of this work will



eliminate excessive delays to traffic during peak periods and improve safety.

A major effort has been made to rehabilitate failing sections of pavement on Lane Cove Road between North Ryde and De Burghs Bridge. The section from Allengrove Crescent to Goulding Road has been completed and work is well advanced on the section from Epping Road to De Burghs Bridge.

Construction of a dual carriageway was completed between Forest Way and Cooyong Road, Terrey Hills and extension of this work is proceeding to Kimbriki Road. This will improve safety at the junction of McCarrs Creek Road.

The Parramatta Ring Route

Eventually this route will extend around the north of Parramatta from the Great Western Highway at James Ruse Drive, Granville and 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 portion of the ring route.

Work continued during the year on a 10-span steel trough and prestressed concrete

An artist's impression of the \$24 million expressway link to the airport and Sydney's southern suburbs. To be completed in 1988, the project will provide a direct connection between Southern Cross Drive and General Holmes Drive, Botany.

girder bridge over the Carlingford Railway and A'Becketts Creek at Rosehill. The erection of girders and the construction of the deck commenced during the year. This 252 m long bridge will provide four lanes for traffic and will be completed in September 1984 at a cost of \$4.5 million.

A major section of the Parramatta Ring Route began recently, involving a 1 km stretch of dual, three-lane carriageway between Old Windsor Road and Wentworth Avenue, Wentworthville. Following the acquisition of properties, work began in March 1984 on a large, single cell reinforced concrete culvert at Coopers Creek. The link will vastly improve the east-west traffic flow around the congested centre of Parramatta. It will cost more than \$2 million and will be completed in 1985. This section will extend to Old Prospect Road, Wentworthville by 1988-89, where it will connect with the new route to Liverpool, described on page 27.

Maintenance and Surfacing

Maintenance

After several years of drought which temporarily eased the rate of deterioration of bitumen road pavements generally, most areas of the State experienced periods of prolonged wet weather, and in some cases flooding, which required extra effort on pavement maintenance and patching and on remedial drainage works.

The total expenditure on road and bridge maintenance throughout the State was \$164,411,000 — an increase in real terms of 11.8% over 1982-83. In addition, the Department has received 97 claims from local Councils for flood damage restoration following heavy rains throughout the State in January and February, 1984. By 30 June 1984, 73 grants totalling \$5,129,320 for local roads, and \$1,174,794 for classified roads, had been approved.

Roads

In the County of Cumberland (Sydney and environs) the maintenance of classified roads is carried out by the Department and by local Councils. The Department is responsible generally for the State Highways and many of the more important Main Roads. The remaining Main Roads and Secondary Roads are maintained by Councils.

Maintenance was affected by the abnormally high rainfall of 1983-84. Pavements and subgrades which had dried out during the previous dry period became saturated. Heavy patching and, in more acute cases, permanent strengthening were required to maintain acceptable surface conditions. Ageing sections of concrete pavement (some over 50 years old) on heavily trafficked routes needed continuous attention and an extensive program of slab replacement and stabilisation was carried out.

Increasing use was made of asphaltic concrete with rhyolite aggregate to improve skid resistance and safety for road users at critical locations, such as the approaches to traffic signals, on isolated sharp curves and on sections of heavily trafficked road such as the Cahill Expressway, Pacific Highway and Iron Cove Bridge.

There is a growing problem in undertaking maintenance on heavily trafficked routes, because of both the increased traffic volume during normal working hours and the need to protect employees from hazard while working close to moving vehicles. Some works need to be carried out at night or at other times (not necessarily at weekends) when less inconvenience to the public is likely to result.

Work continued to maintain the



appearance of landscaped areas on many of the more important routes. In areas such as the Western Freeway, additional tree planting was carried out under the Youth Employment Scheme.

In spite of the wet weather in the earlier part of the year, the roads in the County of Cumberland were generally maintained in a satisfactory condition. Maintenance standards were improved as a consequence of significant construction and reconstruction works under current construction programs. On such works the pavements being built are adequate for the heavy vehicle loadings they will be required to carry.

The increasing use of concrete in sub-base and base will reduce maintenance requirements on these sections in future years.

Outside the County of Cumberland, the Department is generally responsible for the maintenance of State Highways, although some sections of country State Highways are maintained by local Councils. Councils are also generally responsible for the maintenance of Trunk and ordinary Main Roads, although for various local reasons some of these are maintained by the Department.

The whole State was subject to wet weather. Flooding occurred in the New England and Northern Tablelands, and the western and south-western areas of the State. Highways affected by flooding include the Mitchell, Barrier, Castlereagh, New England, Snowy Mountains and Sturt.

Other Main Roads (generally under the care and control of local Councils) were extensively affected by flooding and some

One of the Department's dual lane, automotive trimmer-spreaders at work on the Hume Highway. By an electronic sensor working to a string line, this machine provides accurate spreading of base course materials and precision trimming.

had to be closed repeatedly for periods ranging from a few hours to many weeks.

The effects of this were evident in both surfaced and unsurfaced roads. Many sealed roads under the care and control of Councils require extensive rehabilitation or resurfacing to avoid costly and less effective day-to-day patching of failing sections. However, recent emphasis on achieving planned lengths of resurfacing, and the provision of additional funds for rehabilitation and reconstruction works on State Highways, have helped mitigate the adverse effects of the prolonged wet weather.

Unsurfaced roads are very susceptible to damage under extreme weather conditions. On many lengths of gravelled roads the natural surface or subgrade material has been exposed as a result of traffic wear and wind loss during the recent dry years. Under wet conditions further gravel is lost as traffic ploughs it into the subgrade. It has generally not been possible to provide the funds which would be necessary to restore a gravel surface. Even under favourable conditions such a backlog will take years to overhaul.

A most important aspect of maintenance operations is to preserve the value and use of existing assets for motorists. As indicated on page 30, a significant length of resurfacing of bituminous pavement has

been carried out. Increasing use is being made of rubber bitumen mixtures for the binder. This material provides greater flexibility for the new seal over older pavements where movement is likely over poor subgrades.

Snow clearing operations in the Mt Kosciusko area were of limited duration during 1983-84 as the 1983 snow season was shorter than usual.

Generally, State Highways are in much the same condition or slightly improved from the end of 1982-83. This is not only the result of necessary increased maintenance activity to overcome the results of the wet weather, but also reflects the effects of greater effort on rehabilitation and reconstruction.

Surfaced lengths of ordinary Main Roads were generally maintained in satisfactory condition, although in certain areas, particularly in the north eastern part of the State, some deterioration in road conditions did occur. Such deterioration, which will require increased effort on heavy patching and pavement edge repair, may be expected to continue until funds are available to allow greater effort to be directed to rehabilitation or reconstruction.

Pavement Management System

The Department has engaged the University of New South Wales as a consultant to conduct a feasibility study into the adaption of the Texas (USA) Rehabilitation and Maintenance System to New South Wales conditions.

Initial studies show that the Department's road condition rating system is consistent with the Texas method of rating pavement conditions and that the system appears applicable to New South Wales conditions.

In the next stage of the study, road maintenance experience in New South Wales will be used instead of the Texas experience. This involves quantifying the survival characteristics of different road maintenance strategies on the various

types of pavement distress experienced by our roads.

The results of the study are expected to determine the most cost-effective method of applying maintenance funds.

Bridges

There are now 6,200 bridges on the State's classified road system with a combined length of 221 km. A significant proportion of these are timber bridges. After allowing for the 11 timber truss bridges now being replaced, 99 remain in service, many of which were built at the turn of the century. The replacement of another nine timber truss bridges is due to begin in 1984-85. There are also 1,243 timber beam bridges, most of which have been in service since before 1939. Until these bridges are replaced their continued inspection and maintenance are necessary activities for the Department.

Bridge maintenance during the year was carried out by the Department and Councils, with the Department generally undertaking work on State Highways, National and ex-National bridges, and special subsidy works.

Generally, work on timber bridges consisted of the replacement of worn-out decking and longitudinal sheeting, together with repair or replacement of damaged or deteriorated truss members, piles, girders, capwales, corbels and braces.

Work on concrete bridges consisted mainly of repair or replacement of expansion joints, repair of cracks and repair or replacement of damaged traffic barriers and pedestrian railings.

Repainting of steel structures, timber trusses, traffic barriers and pedestrian railings was carried out as required, and regular inspections of all bridges continued.

Ferries

There are 10 vehicular ferry services operating throughout the State, in which the Department is financially involved. Most are extensively used, with annual traffic volumes ranging from 310,000 on Wisemans Ferry over the Hawkesbury River to 5,300 at Wymah on the Murray River.

Two large vehicular ferries were overhauled at the Mortlake slipway during

the year, while Central Workshop personnel assisted and supervised the major overhaul of two ferries and the routine overhaul of another two on the north coast.

Surfacing

The year's road surfacing statistics reflect the substantial increase of funds available for roadworks during the year.

Table 2 shows that 2,665 km of road were surfaced during 1983-84, 411 km more than the previous year. The Department was the constructing authority for 1,371 km, while Councils arranged for 1,294 km of surfacing. As illustrated in Table 3, most of this work involved maintenance resurfacing, with the remainder being surfacing after construction or surfacing of an unsealed road. The 2,665 km surfaced during the year comprised 5,760 lane km, which is the equivalent of 2,881 km of normal two-lane road. This represents more than 100% of the 25,852 km of surfaced road in New South Wales for which the Department is responsible.

The majority of pavements constructed and maintained by the Department are surfaced with sprayed bituminous seals. The types of surface and road lengths laid during the last two years are shown in Table 4.

Concrete

A feature of the Department's activities in recent years has been an upsurge in the construction of concrete road pavements. The increasing cost of bituminous materials, and the development of equipment and techniques which allow large scale production and placing of concrete pavements, have led to a resurgence of interest in this material throughout Australia.

Previous disadvantages with concrete pavement stemmed mainly from relative movements between adjacent slabs, producing discomfort when travelling over transverse joints. Cumbersome methods of producing, transporting and laying concrete further detracted from its widespread use. However, modern design and construction techniques have largely overcome these problems.

The operation of slip form paving machines has revolutionised construction. Using guide-wires set to correct line and level, these machines form, compact and texture concrete pavements automatically at rates of up to 1,500 cubic metres per day.

Concrete pavement performance has also been improved by the provision of concrete shoulders to prevent edge failures and the development of texturing techniques which provide skid resistance without undue increases in traffic noise.

Given these advancements, the trend towards concrete pavements is likely to continue, particularly in the construction of major roads. Projections for 1984-85 indicate the Department will increase its use of concrete for pavements to more than 400,000 cubic metres, double the rate of the past two years.

Newly-laid concrete on a section of the Burnt Bridge Creek Deviation at Balgowlah.



Table 2. Road Lengths Surfaced with Bituminous or Cement Concrete Materials, 1982-83 and 1983-84

Classification	1982-83 km	1983-84 km
Freeway	3	70
State Highway	829	1,269
Trunk Road	403	396
Main Road	984	903
Secondary Road	14	16
Tourist Road	13	10
Developmental Road	6	1
Unclassified Road	2	0
Totals	2,254	2,665

Table 3. Types of Surfacing Work and Lengths, 1982-83 and 1983-84

Type of Work	Road length		Lane length		Equivalent two-lane road length	
	82-83 km	83-84 km	82-83 km	83-84 km	82-83 km	83-84 km
<i>Bituminous Surfacing</i>						
1. Initial treatment — of previously unsealed road.	120	121	241	246	120	123
2. Heavier treatment — of primed or primer-sealed road.	57	87	117	175	59	88
3. New surface/restoration — following construction/reconstruction.	309	336	691	807	346	404
4. Maintenance resurfacing.	1,768	2,099	3,636	4,442	1,818	2,221
<i>Cement Concrete</i>						
5. Surfacing.	NR	22	NR	90	NR	45
Totals	2,254	2,665	4,685	5,760	2,343	2,881

Table 4. Types of Surfacing, 1982-83 and 1983-84

	1982-83 km	1983-84 km
Concrete	Not recorded	22
Asphalt surfacing	102	221
Sprayed seal	2,004	2,113
Bitumen enrichment	101	186
Primer seal	44	101
Prime	3	22
Totals	2,254	2,665

Bituminous Materials

Despite the resurgence of concrete pavements for new roads, most roads in New South Wales have flexible pavement structures consisting of granular bases and bituminous surfaces. Bituminous surfacing is used to provide a high quality, all-weather riding surface and to prevent moisture entering the granular base.

The two main types of bituminous surfacing are asphaltic concrete, which is used on urban roads and on freeways or highways carrying heavy traffic volumes in

rural areas; and sprayed bituminous seals, used on other rural highways and main roads.

Asphaltic Concrete Production

A record 650,838 tonnes of asphalt were spread during the year, a 100% increase over the previous year and 148,126 tonnes more than the previous peak usage in 1979-80. This figure is another reflection of the extra funds available for roadworks during 1983-84.

The Department's Central Asphalt Depot

at Granville continued to produce the bulk of its requirements for roadworks within a 100 km radius, with the smaller Bellambi plant supplying the Illawarra area.

Of the total asphalt laid, the Department's plants produced 377,379 tonnes, an increase of 43% over 1982-83, while commercial plants supplied 273,459 tonnes, a huge 343% increase over the previous year.

The recycling of aphaltic concrete is now a routine process at the Granville plant. When pavements have deteriorated through age and cracking, they are generally removed by cold milling. The re-use of valuable materials in reclaimed asphalt pavements leads to savings in energy and costs. Most asphalt mixes now contain about 20% of reclaimed material, a percentage which is expected to rise as the process is further refined. Some 12,730 tonnes of reclaimed asphalt pavement were recycled at Granville during the year.

Sprayed Bitumen

The Department operates 12 bitumen sprayer units throughout the State, with capacities of 8,500 or 5,000 litres. Thirteen smaller sprayers work on priming, sealing and patching in country Divisions. Contractors supplement the Department's forces where necessary. During the year, 13,141,486 litres of bitumen were sprayed, a 2% decrease from the previous year.

Rubber Bitumen Seals

Since it was first tried by the Department in 1978, the use of rubber bitumen seals to extend the life of minimally cracked pavements has been refined and improved to the extent where it is now a reliable and routine maintenance treatment. Improved equipment and methods for mixing and digestion of scrap rubber in bitumen are continually being developed to further enhance its effectiveness.

During the year 5,257,511 litres of rubber bitumen were sprayed, an increase of 125% over the previous year.

Stabilising Plant

The recent purchase of a Roadbase Stabilising Plant has introduced a new era in the cement/lime stabilising of road base materials. Local road materials often require the addition of lime or cement during construction to ensure satisfactory performance. To date this has been done by spreading the lime or cement over the prepared roadbase surface and using scarifiers or rotary hoes and water sprays. This makes it difficult to achieve accuracy and uniformity of spreading and mixing; traffic must be diverted; and dust and steam from the heat generated in the process are often a nuisance.

The new stabilising plant operates next to the work site where materials can be mixed accurately in a pugmill before being spread on the roadbase. The mobile unit is a more efficient method of mixing roadbase materials and should result in more durable pavements, without the disadvantages of on-site mixing.

Planning and Design

To ensure that all roads constructed by or for the Department are correctly planned and designed, many in-depth studies are carried out on a continuing basis.

In the City of Sydney, and in centres such as Newcastle and Wollongong, major transport studies to assess and predict the needs for the movement of people and goods are continuously being undertaken. In the rural areas and smaller urban centres, route location studies are similarly being carried out and periodically re-assessed.

Naturally, these studies and the determinations from them must be co-ordinated with State, Regional and Town Planning generally, and so the Department maintains close liaison with the Department of Environment and Planning and the planning officers within local Councils.

The Department has always examined social and environmental factors in its planning. Over recent years, this work has been co-ordinated and reported under the 1979 Planning and Environment Act.

The design of roads and bridges is a technical exercise which must be conditioned by judgement and artistic appreciation. The project that is well-designed will also have a pleasing appearance. Road design is carried out in all the Department's Divisional Offices, and a Design Section is retained in Head Office for research, development, design quality control and some freeway design. Bridge design may be undertaken by consultants or by the Department's own team of bridge designers in Head Office.

People are becoming increasingly interested in road location and appearance. The Department holds many public meetings each year, either through local Councils or by using its own resources. At these meetings, residents can express their feelings and wishes and the Department is often able to accommodate design changes accordingly.

Urban Road Planning

A particular planning concern at present is the definition of long-range strategies for Main Road development in areas of proposed or potential urban growth. Although a continuing task, this strategic planning has special current relevance because the Department of Environment and Planning is presently updating its Sydney Region Outline Plan. The Department's work, which is being done in conjunction with the Department of Environment and Planning, and the Transport Advisory Committee, will shortly lead into specific corridor studies of future Main Road needs in developing areas.

Reviews must also be undertaken of specific planning proposals formulated in earlier years. During the past year two such proposals for new roads, dating from 1951, were re-evaluated. The first was for a route from Summer Hill to Redfern, known as the Bedford Street route. The second was for a deviation of the Concord Road route between Strathfield Station and Parramatta Road. In both cases it was decided to abandon the proposal. Other proposals in the inner suburban areas will be examined in the coming year, including the planned widening of Cleveland Street, South Sydney, and Tebbutt Street, Leichhardt.

Corridor investigations have continued with a view to making firm proposals for future main roads in the southern part of Sydney, as well as for the 'Werrington' and 'Greystanes' routes in the western area of the city. A planning scheme reservation has been requested for a section of the Werrington route, which is planned eventually to form a link between the Western and Castlereagh Freeways. Investigations for the Greystanes route, to run from Prospect to Wetherill Park, are at an advanced stage.

Town Planning

As well as assessing the need for, and best locations of, future roadworks in urban areas, the Department must monitor and react to policies and plans prepared by other organisations in order to safeguard the Department's interests.

Much of this work in the past year was

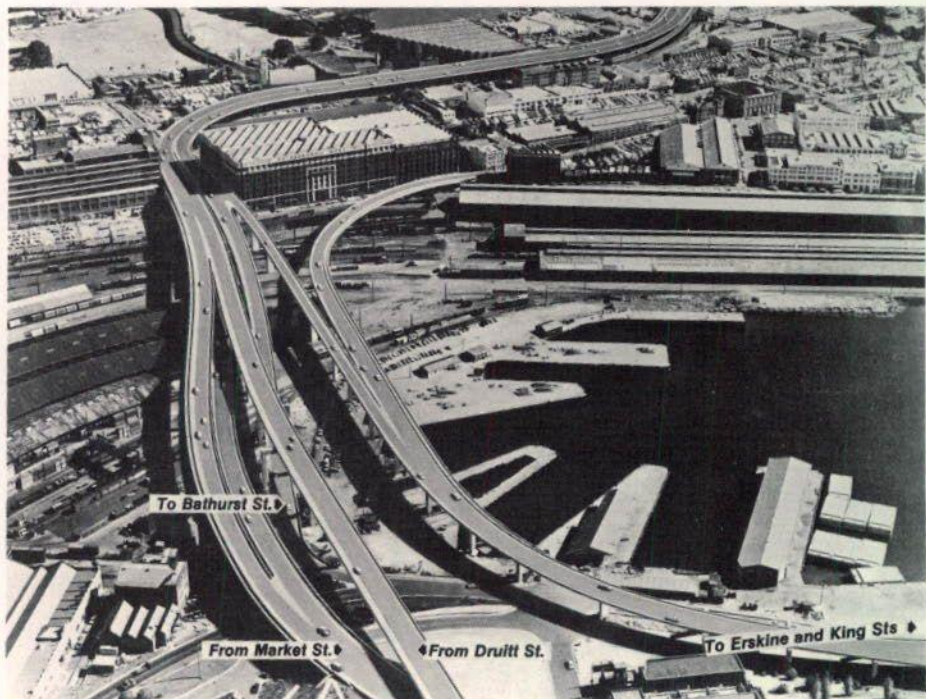
connected with the examination of draft or gazetted Local Environmental Plans. This included ensuring that reservations were correctly provided for future Main Road construction, and that content of the plan documents was consistent with Departmental policies. Draft guidelines for examining such plans are currently being finalised. When published, these will enable more of this work to be undertaken in Divisional Offices.

A second major area of work was in connection with the rezoning of surplus land to be disposed of by the Department (see also 'Residue Properties', page 60).

Country Road Investigations

Investigation of the need for new rural freeways and roads, and the requirements to relocate some roads, are continuing Departmental activities. Aerial photography and photogrammetry are important aids in these exercises. Last year all external photogrammetric plotting for the Department was carried out by the New South Wales Central Mapping Authority in Bathurst. The Department works closely with the Lands Department, the Water Resources Commission and the Department of Mineral Resources in considering road locations and levels.

An artist's impression of the completed viaducts across Darling Harbour. This \$63 million project will provide expressway conditions from the city to White Bay and Victoria Road by 1988.





This aerial view of Singleton has a superimposed artist's impression of the new bridge (on the right) which will carry the New England Highway over the Hunter River.

The past year saw the completion of investigations into the proposed route of a major deviation of the Hume Highway over Cullerin Range, near Gunning. Investigations for updating the route of the Sydney-Brisbane National Highway (the Pacific and New England Highways) are continuing in areas extending from south of Newcastle to beyond Newcastle to the west.

Analysis of the traffic surveys conducted at Orange and in the Braxton-Newcastle-Wyong areas during 1982-83 has been completed. The resulting statistics will contribute to benefit/cost analysis of future road planning options in these areas.

The construction of rural freeways results in changes in the function of other roads in the vicinity, sometimes warranting their reclassification. Such is the case with the old Hume Highway between Liverpool and Mittagong, where the majority of traffic now uses the new route of the F5 — South Western Freeway. Changes in classification to accommodate this will be announced in due course. Similarly, reviews will be made in the Wyong and Gosford areas where sections of the F3 — Sydney-Newcastle Freeway are now taking traffic from the Peats Ridge and Pacific Highway routes.

Consideration is being given to the functions of, and responsibility for, roads

traversing State National Parks.

A study was carried out during the year of the economic and planning implications of the replacement of 18 vehicular ferries by bridges, with the assessed cost of new ferries and their lifetime maintenance being compared with the cost of bridge construction in each case.

Of particular concern to many country towns is the question of bypasses. The advantages of removing heavy through traffic from town centres are obvious, but such new routes are highly expensive to construct, and there may be objections from local shopkeepers who feel that a bypass also removes potential trade. The development of other existing routes within towns is being considered as an alternative to completely separate bypass construction. However, any such proposal presents its own problems, and each case must be assessed independently.

Environmental Assessments

An awareness of environmental issues and of related legislation is vital to an engineering organisation such as the Department. All construction operations must meet the requirements of the 1979 Environmental Planning and Assessment Act. As well as preparing Environmental Impact Statements for major construction proposals and undertaking reviews of environmental factors for other projects, the Department also examines and comments on Statements from other organisations.

Highlights of the past year's work included the following:

- The exhibition of the completed Environmental Impact Statement for a 35 km length of the F5 — South Western Freeway/Hume Highway route between Aylmerton and Hoddles Cross Roads, bypassing Mittagong and Berrima. (See 'Major Route Development', page 15.)
- Also in regard to this project, studies have been carried out to identify and thereby minimise possible ill effects caused to wild life in the area during and after construction, and there will be continuing monitoring of the situation.
- The completion of an assessment report and subsequent determination (by decision of Cabinet) on the Wahroonga-Berowra section of the F3 — Sydney-Newcastle Freeway. (See 'Major Route Development', page 11.)
- The preparation of an assessment report on the F3 — Sydney-Newcastle Freeway between Wallarah Creek and Wallsend. A determination by the Commissioner was made for the section between Wallarah Creek and Freemans Waterholes.
- The preparation (still in progress) of environmental impact statements for the East Charlestown Bypass (near Newcastle), the Glebe Island Arterial Route (Pyrmont), and the Moorebank to Beverly Hills section of the F5 — South Western Freeway.
- The continuation of environmental studies relating to the Federal Highway between Collector and the ACT Border, and particularly to the section beside Lake George.
- The preparation of interim guidelines for erosion and sedimentation control on new roadworks.

Work has continued on the study of traffic noise.

There has been a continuing use of consultants' services to undertake archaeological studies in areas where aboriginal rock carvings may be affected by road proposals. In such cases, the treatment appropriate in each instance is worked out with the National Parks and Wildlife Service.

Planning Data

The Department continues to develop and contribute to various road data information systems. The availability of accurate and comprehensive statistics will lead to more effective management of the road system and to improved efficiency and economy in maintenance and construction programs.

In February 1984 the NAASRA Roads Study, being a comprehensive assessment of the Australian road network, was completed after almost four years of effort. The Department contributed throughout. The Study eventuated in separate reports on rural arterial, urban arterial and local roads, as well as providing a national

overview and summary reports for the total network. Each report analyses the findings for each of the States and Territories. Separate technical reports were produced on funding and expenditure, road travel, employment effects, the use of the computer suite of programs known as NIMPAC (NAASRA Improved Model for Project Assessment and Costing), and other topics.

Meanwhile, updating of the NAASRA Data Bank continues progressively. The Data Bank will be used in future studies, including the 1984-85 Review of Road Vehicle Limits.

The Department is establishing its own road data management systems, and significant progress has been made in developing ROADLOC, a Road Data Location Reference System. This will provide a standard reference system for all the Department's road related information. Documentation is almost complete and ROADLOC should soon be in use.

Work began during the year on the Department's Road Data Systems (ROADATA) Study, aimed at establishing a database to facilitate the management of road-related information. This study follows on from a consultant's review of the Department's various road data systems.

An artist's impression of the new bridge to be built alongside the existing bridge over the Parramatta River between Ryde and Concord. The new bridge will provide three southbound lanes, while the existing bridge will carry three lanes of northbound traffic.

Landscape Design

An important early part of planning a new route is the evaluation of its likely visual impact on the environment, followed by landscape design input. Direct consultation is often maintained with community interest groups, local Councils and other Government organisations.

During the year, 38 landscape plans were prepared for routes throughout the State, including the F4 — Western Freeway at Homebush, the Parramatta Bypass, the Berrima and Marulan Bypasses on the F5/Hume Highway route, and the F6 — Southern Freeway at Wollongong. These landscape designs call for tree planting and revegetation using native seeding to create low maintenance forested corridors along available freeway reserves.

Road Design

The upsurge in road construction resulting from the Commonwealth Government's Australian Bicentennial Road Development Program and the State Government's increased funding for roads has required the Department to increase its design output. Design work content has increased because of the need to show greater detail on plans so that they become suitable for contract specifications.

To meet these needs, the use of computer-aided design and drafting techniques is expanding and the services of consulting engineers were obtained for certain jobs.

Major road designs completed during the year included:

- F3 — Sydney-Newcastle Freeway — one length at Ourimbah and two lengths north of Morisset;
- F5 — South Western Freeway — southern section of Berrima Bypass;
- Hume Highway — the Marulan Bypass.

Major designs nearing completion or well in hand include:

- F3 — Sydney-Newcastle Freeway — the section between Wahroonga and Berowra;
- F4 — Western Freeway — two sections at Parramatta;
- F5 — South Western Freeway — northern section of Berrima Bypass;
- F6 — Southern Freeway — first stage work and part interchange at Yallah.

Among other designs in progress are:

- F2 — Gore Hill Freeway;
- F5 — South Western Freeway — Moorebank to Beverly Hills section and Mittagong Bypass;
- Hume Highway — Goulburn Bypass;
- State Highway No. 23 — first section of Wallsend to Sandgate Deviation at Newcastle.

Bridge Design

The demands of the Australian Bicentennial Road Development and National Roads Construction Programs, as well as the need to replace or rehabilitate an increasing number of old bridges, have had a marked effect on bridge design output during 1983-84. Designs for 132 new, or widened and rehabilitated, bridges were completed, more than double the number produced in the previous year.

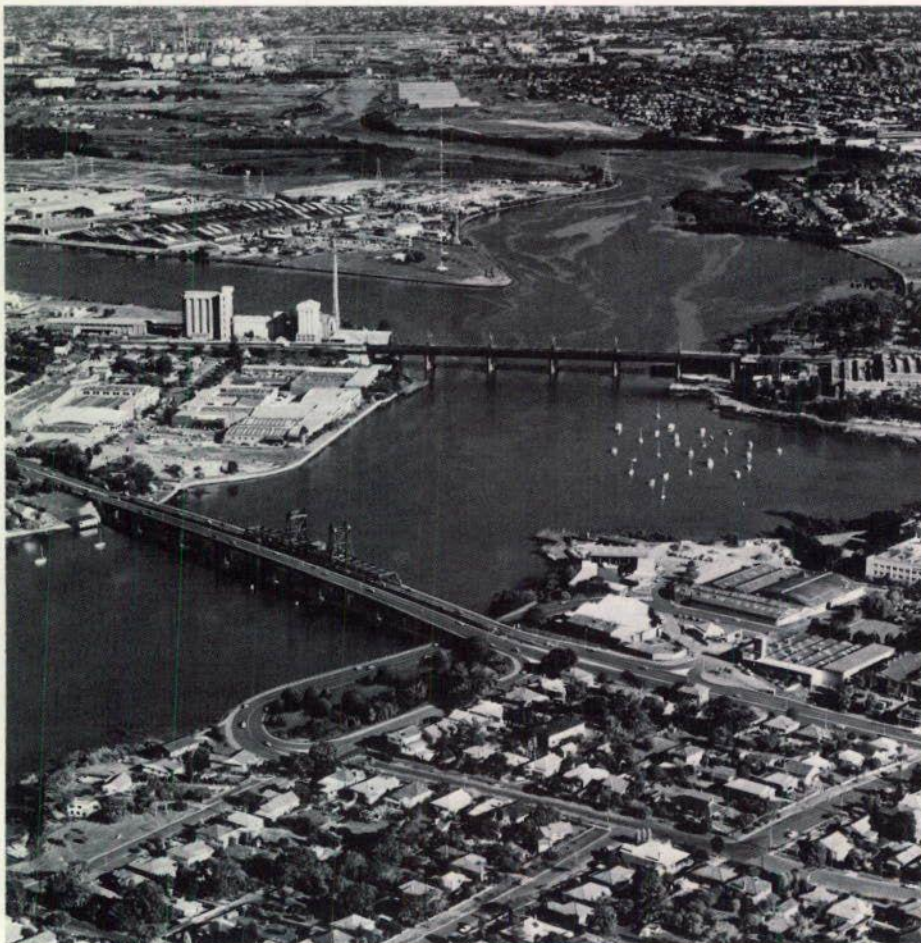
This marked increase in design production was achieved at little extra cost by an overall increase in efficiency, and also by:

- using standard bridge components and adapting previous bridge designs to suit new sites;
- engaging outside contract drafting organisations to assist in the preparation of final drawings; and
- employing consulting engineers more effectively to assist in various phases of design work.

Major designs completed in 1983-84 were for the first sections of the 1.8 km viaduct of the F4 — Western Freeway between Granville and Parramatta, and for 26 new bridges on various sections of the F3 — Sydney-Newcastle Freeway.

Still in hand are designs for the duplication of Ryde Bridge over the Parramatta River and the duplication of the bridge over the entrance to Lake Macquarie at Swansea.

The Department continued to examine bridge design proposals put forward by Councils and other Government or private organisations. Most of these bridges will be built on classified main roads but a number are sited on local roads which are eligible for a subsidy from Commonwealth Grants for Local Roads.



Contents

35 Year in Brief.

36 Statement of Receipts and Payments for All Funds for the Year Ended 30 June 1984.

38 Supplementary Information and Notes to the Statement of Receipts and Payments: Presentation of Receipts and Payments, Operating and Suspense Accounts, Cost of Individual Projects, Road Cost Index, Payments to Councils.

39 Property Acquisitions, Cash Balance at Treasury, Road Tolls, Contributions for Specified Works, Diesel Fuel Levy, Motor Vehicle Taxation.

40 Financial Accommodation (Semi-Government Loan Program, Treasury Advance, Deferred Payments Contracts).

41 Summary of Loan Liabilities as at 30 June 1984.

42 Commonwealth Grants (Roads Grants Act, Australian Bicentennial Road Development (ABRD) Trust Fund Act, Employment Generating Programs).

43 Receipts and Payments Summary for All Funds 1969-70 to 1983-84 in Constant Dollar (1983-84) Terms.

44 Statements for Sydney Harbour Bridge.

46 Statements for Berowra to Calga Toll Work.

47 Statements for Waterfall to Bulli Pass Toll Work.

48 Statement of Financial Operations for the Year Ended 30 June 1984.

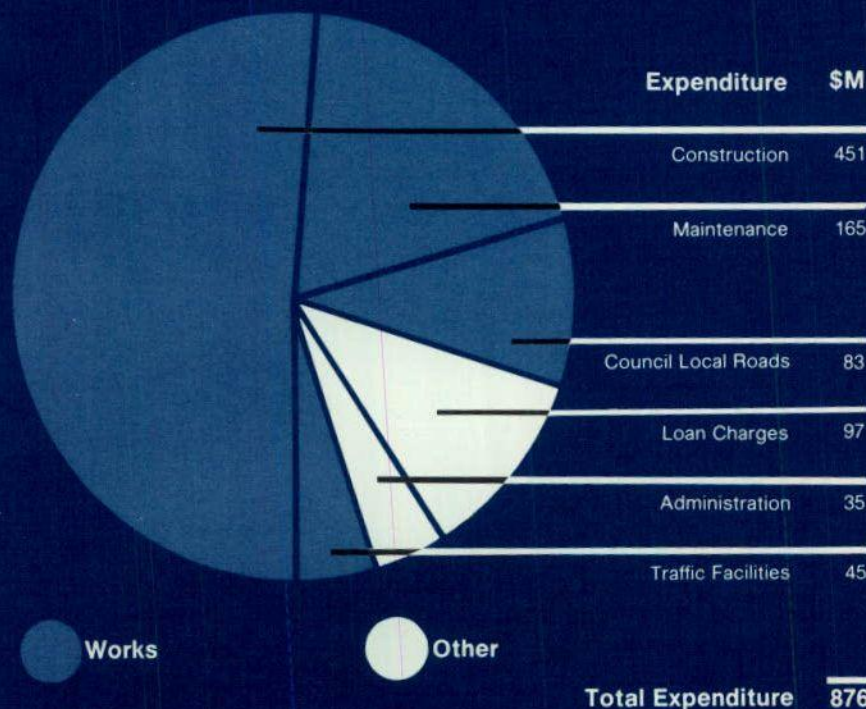
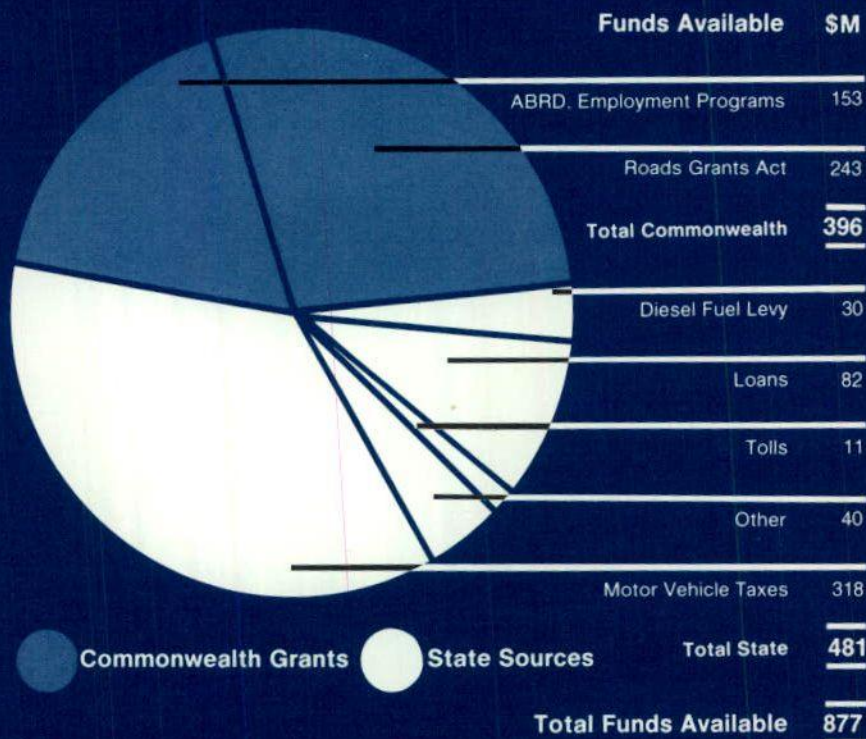
50 Statement of Balances as at 30 June 1984.

51 Notes to Statement of Financial Operations and Statement of Balances: Format of Accounts, Deferred Payments Contracts Scheme, Motor Vehicle Taxation, Toll Works, Leveraged Lease Instalment, Interest, Movement in Monetary Assets, Fixed Assets — Land and Buildings, Creditors, Leave Entitlements, Outstanding Commitments.

52 Budget for 1984-85.

Year in Brief

1983-84



Statement of Receipts and Payments for All Funds for the Year

1982-83 \$	Receipts	
	State Sources	
265,760,699	Motor vehicle registration weight tax and tax levy	(Note 11)
8,401,620	Motor vehicle registration fee — allocation from the Road Transport and Traffic Fund	
30,112,848	Diesel Fuel Levy	(Note 10)
57,800,000	Loans — raised by the Commissioner under Semi-Government Loan Allocation	(Note 12)
2,600,000	— from Department's Reserve for Loan Repayments	(Note 12)
	— repayable Treasury Advance	(Note 12)
	Deferred Payments Contracts	
10,497,760	Road Tolls (less Collection Costs)	(Note 8)
7,311,831	Interest — On Sinking Fund Investments	
1,230,573	— On Treasury Fund Balances	
5,137,912	Contributions for Specified Works	(Note 9)
	Flood Restoration Grant	
3,956,024	Rents from Properties Acquired for Works (Less Collection and Maintenance Costs)	
2,993,979	Miscellaneous	
395,803,246	Total State Sources	
	Commonwealth Grants	
110,989,000	Roads Grants Act, 1981 — National Roads	(Note 13(i))
69,110,000	— Arterial Roads	
49,576,000	— Local Roads	
24,000,000	Australian Bicentennial Road Development Trust Fund Act, 1982 — National Roads	(Note 13(ii))
5,700,000	— Arterial Roads — Urban	
4,000,000	— Rural	
	— Local Roads	
842,625	Employment Generating Programs	(Note 13(iii))
264,217,625	Total Commonwealth Grants	
660,020,871	Total Receipts	
14,511,883	Cash at Treasury as at 1 July 1983	
674,532,754	Total Funds Available	
	Payments	
259,210,436	State Road System — Construction and Reconstruction	
28,281,552	— Construction under ABRD Program	
23,276,921	— Property Acquisitions (Less Proceeds of Sales)	(Note 6)
133,609,740	— Maintenance and Minor Improvements	
50,314,942	Local Roads — Construction and Maintenance	
	— Construction under ABRD Program	
	— Natural Disasters — Restoration Works	
8,566,390	Intersection Improvements, Traffic Signals, Signs and Roadmarking — Construction and Reconstruction	
30,979,632	— Maintenance and Operations	
2,060,509	Land and Buildings — For Works Operations	
268,880	— For Administration	
8,383,237Cr.	Net Transactions of Operating and Suspense Accounts	
26,189,026	General Administration	
5,337,714	Research	
1,072,299	Loan Charges — Repayable Treasury Advances — Interest	
14,820,980	— State Loan Allocation — Interest and Management Expenses	
52,178,997	— Loans raised by the Commissioner — Interest and Management Expenses	
	— Deferred Payments — Interest and Management Expenses	
	— Leveraged Lease Finance — Interest and Management Expenses	
627,784,781	Sub-Total	
556,901	Loan Repayments — Repayable Treasury Advances — Principal	(Note 12)
1,734,110	— State Loan Allocation — Sinking Fund	(Note 12)
3,543,804	— Loans raised by the Commissioner — Principal	(Note 12)
	— Leveraged Lease Finance — Principal	
10,765,842	Investments for Loan Repayments for Loans Raised by the Commissioner	(Note 12)
644,385,438	Total Payments	
168,500	Net Transaction of Trust Accounts	
24,619,056	Cash at Treasury as at 30 June 1984 — for General Purposes	
5,359,760	— for Trust Accounts	
674,532,754		

Details in regard to accruals and contingent liabilities are shown in the attached Statement of Financial Operations.

ed 30 June 1984

County of Cumberland Fund \$	Country Fund \$	Commonwealth Fund \$	Traffic Facilities (Note 1) \$	Sydney Harbour Bridge Accounts \$	Total 1983-84 \$
76,549,932	198,770,661		30,000,000	1,600,000	306,920,593
			10,631,090		10,631,090
20,212,323	10,106,161				30,318,484
26,000,000	26,000,000				52,000,000
	15,000,000				15,000,000
	10,000,000				10,000,000
5,370,747					5,370,747
6,673,901			2,713,040	1,621,761	11,008,702
5,923,556	1,818,649			1,024,910	8,767,115
618,968	928,357				1,547,325
988,313	6,094,326		1,356,099	544,238	8,982,976
	12,400,000				12,400,000
2,996,436	285,886			793,812	4,076,134
983,771	2,641,051				3,624,822
146,317,947	284,045,091		44,700,229	5,584,721	480,647,988
		114,897,511	2,745,489		117,643,000
40,200,000	33,052,000				73,252,000
		52,549,000			52,549,000
		64,573,000			64,573,000
24,062,000	10,000,000				34,062,000
	24,743,000				24,743,000
		22,519,000			22,519,000
323,345	6,641,490				6,964,835
64,585,345	74,436,490	254,538,511	2,745,489		396,305,835
210,903,292	358,481,581	254,538,511	47,445,718	5,584,721	876,953,823
6,136,174	5,341,589	17,602,931		898,121	29,978,815
217,039,466	363,823,170	272,141,442	47,445,718	6,482,842	906,932,638
84,045,216	134,572,323	99,662,737			318,280,276
20,850,685	32,037,108	62,938,220			115,826,013
13,948,765	4,504,512	6,093,903			24,547,180
33,279,302	108,395,472	16,736,331		3,188,374	161,599,479
	595,513	54,401,467			54,996,980
		20,035,145			20,035,145
	8,298,941				8,298,941
			11,308,773		11,308,773
			34,234,750		34,234,750
1,489,086	1,323,380				2,812,466
85,206	736,039				821,245
3,038,581 Cr.	4,392,486 Cr.		465,974 Cr.		7,897,041 Cr.
7,797,966	13,824,840	4,899,719	2,368,169	240,000	29,130,694
1,754,475	2,631,713				4,386,188
548,699	470,313				1,019,012
9,037,050	4,441,914			978,000	14,456,964
22,605,376	37,862,488			812,037	61,279,901
12,299					12,299
	1,112,116				1,112,116
192,415,544	346,414,186	264,767,522	47,445,718	5,218,411	856,261,381
328,563	281,625				610,188
1,005,400	597,245			107,000	1,709,645
2,288,149	1,158,460			33,487	3,480,096
	620,250				620,250
8,644,149	3,205,961			1,021,211	12,871,321
204,681,805	352,277,727	264,767,522	47,445,718	6,380,109	875,552,881
844,050 Cr.	262,096 Cr.				1,106,146 Cr.
8,555,605	10,985,604	7,373,920		102,733	27,017,862
4,646,106	821,935				5,468,041
217,039,466	363,823,170	272,141,442	47,445,718	6,482,842	906,932,638

Supplementary Information and Notes to the Statement of Receipts and Payments

1. Presentation of Receipts and Payments

The Statement of Receipts and Payments summarises all the transactions of the Department of Main Roads under the five main headings shown below:

- *County of Cumberland Main Roads Fund* — covers the County of Cumberland area (as defined under the Main Roads Act) which is generally the Sydney Region bounded by the Hawkesbury River in the north, Bulli Pass in the south and including the Blue Mountains in the west.
- *Country Fund* — covers that area of the State outside the County of Cumberland.
- *Commonwealth Fund* — used to record expenditure of Commonwealth grants for National Roads (excluding funds transferred to the Traffic Facilities Fund) and Local Roads. Commonwealth grants for works on other classified Main Roads are recorded under the County of Cumberland and Country Main Roads Funds.
- *Traffic Facilities* — shows receipts and payments relating to the activities of the Department on traffic facility works. These amounts are included in the Annual Report of the Traffic Authority of New South Wales.
- *Sydney Harbour Bridge Account* — 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'.

While there were no material changes (compared to the previous year) in the method of classifying items of receipts and payments during 1983-84, provision has been made within the Department's accounting system to provide for accruals of leave entitlements, salaries and wages and other current or contingent liabilities. These transactions have been used in preparing the Statement of Financial Operations and Statement of Balances in this Report.

2. 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 1983-84, purchases of plant and motor vehicles totalled \$15,725,887 of which \$10,503,866 was provided from the internal hire system and \$5,222,021 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'.

3. Cost of Individual Projects

The Department issues a separate publication titled 'Financial Appendices to the Annual Report of the Commissioner for Main Roads' which provides details of individual works of construction and maintenance carried out by the Department and Local Government bodies.

4. Road Cost Index

The Department's Road Cost 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 Road Cost Index'.

The index, designed to reflect cost changes 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 increase in the Road Cost Index for 1983-84 was less than the increase for the previous financial year due to a slowing down in the rise of cost components used in the index. The items whose rate of increase declined during the year include Wages, Workers Compensation Premiums, Materials and Plant charges.

5. Payments to Councils

Payments to Councils during 1983-84 were as follows:

	\$M
Classified Main Roads	
— Construction	60.259
— Maintenance	58.574
	118.833
Local Roads	
— Roads Grants Act	50.603
— ABRD Trust Fund	19.434
— State Funds	8.217
	78.254
Total Payments to Councils	197.087

Department of Main Roads Road Cost Index

(Base Year — 1969-70)

Year	Index	% Increase Over Previous Year
1969-70	100	—
1970-71	108.93	8.93
1971-72	117.10	7.50
1972-73	128.40	9.65
1973-74	146.22	13.88
1974-75	187.41	28.17
1975-76	216.87	15.72
1976-77	243.33	12.20
1977-78	264.43	8.67
1978-79	281.25	6.36
1979-80	323.18	14.91
1980-81	373.24	15.49
1981-82	426.69	14.32
1982-83	496.62	16.39
1983-84	537.89	8.31

6. Property Acquisitions

During the year the Department paid \$33.75 million to acquire properties for works. In the same period, sales of residue land or properties no longer required for roadworks realised \$8,505,473 in the County of Cumberland Fund and \$697,992 in the Country Fund.

7. Cash Balance at Treasury

The Cash Balances as at 30 June 1984 comprised:

	\$M
State Funds for Working Cash	8.29
Advance for Flood Damage Works	3.13
Advance from ABRD Trust Fund —	
National Roads	4.89
Local Roads	2.48
Arterial Roads	8.09
Reserve for Loan Repayments	0.14
	<u>27.02</u>

Trust funds amounting to \$5.47 million at 30 June 1984 in the County of Cumberland and Country Funds consist mainly of group tax PAYE deductions and contractors' deposits.

8. Road Tolls

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.

That proportion of tolls appropriated to tow truck services, driver aid and other traffic facilities is shown under the heading 'Traffic Facilities' in the Receipts and Payments Statements.

9. Contributions for Specified Works

Contributions received during 1983-84 for specified works are as follows:

	\$M
State Government Departments	2.831
Commonwealth Government	
Departments	1.157
Other State Road Authorities	2.246
Councils	2.220
Private Firms and Individuals	0.529
	<u>8.983</u>

10. Diesel Fuel Levy

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

The Act prescribes a fee of 8.4% 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 5 cents per litre but was subsequently reduced to the equivalent of

3.57 cents per litre from 1 October 1982 and has remained unchanged from that date. The fee for super motor spirit was originally equivalent to 3 cents per litre but this was increased to the equivalent of 3.53 cents per litre from 1 November 1983.

In 1983-84 the total amount of \$30.3 million raised from fees for diesel fuel was received by the Department.

Revenue from fees for motor spirit is credited to the Consolidated Fund at the Treasury, New South Wales.

11. 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 1983-84, receipts from motor vehicle

taxation paid into Main Roads Funds totalled \$306.9 million compared with \$265.8 million in the previous year.

The graph titled 'Average Receipts per Vehicle from Motor Vehicle Taxation' shows that the level of tax per vehicle in 1983-84 terms has fallen from \$110 in 1974-75 to \$107 in 1983-84. The reversal of the decline in 1975-76 and in 1979-80 was caused by a 33 1/3% 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 determined by this formula since 1980 are as follows:

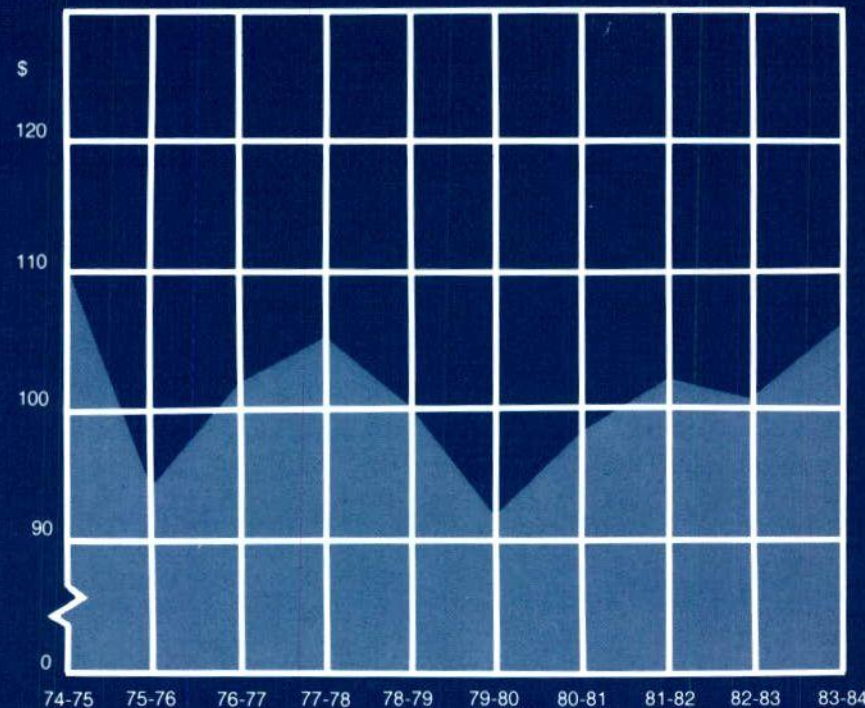
from 21.11.81	13.6%
from 1. 7.82	11.8%
from 1. 7.83	13.2%
from 1. 7.84	7.2%

(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 from this source amounting to \$10.63 million were expended by the Department of Main Roads on traffic facility works during 1983-84.

Average Receipts per Vehicle from Motor Vehicle Taxation
Constant Dollar (1983-84) Terms



Number of Registered Motor Vehicles in NSW

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	2,246,544	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
1983-84	2,876,661	1.8	167.8

* Excluding plant, tractors, trailers and caravans.

12. Financial Accommodation

(i) Semi-Government Loan Program

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 Program for 1983-84 was \$52 million.

Contributions to a sinking fund during 1983-84 to provide for repayment of Semi-Government term loans amounted to \$2.1 million; this together with interest received on investments provided a total of \$12.871 million for 1983-84 in the Sinking Fund to provide for loan repayment. A total of \$41.6 million from the sinking fund, made up of \$15 million in 1980-81, \$9 million in 1981-82, \$2.6 million in 1982-83 and

\$15 million in 1983-84, has been invested in inscribed stock of the Department of Main Roads and applied to construction works.

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

	Private Treaty Loans \$M	Public Loans \$M	Total \$M
1984-85	7.899	18.769	26.668
1985-86	7.924	86.368	94.292
1986-87	20.526	14.340	34.866
1987-88	28.275	2.235	30.510
1988-89	18.963	3.466	22.429
Beyond 1988-89	195.667	58.746	254.413
Total	279.254	183.924	463.178

The outstanding liability in respect of loans is shown in the table titled 'Summary of Loan Liabilities as at 30 June 1984'. At 30 June 1984 the Department owed the following amounts:

Outstanding Loan Liability

	\$M
State loans	131.44
Treasury advances	20.44
Loans raised by Commissioner	463.18
Special internal loans	41.60
Loans outstanding	656.66
Less reserve for repayments	74.92
Net loan liability as at 30 June, 1984	\$581.74

(ii) Treasury Advance

During 1983-84 a repayable Treasury advance of \$10 million was provided by the State Government. This advance will be repaid in 1984-85.

(iii) Deferred Payments Contracts

Financial accommodation amounting to \$5.371 million was obtained under the New South Wales Government Deferred Payments Contracts Scheme.

Under this scheme the Department is required to make repayments in three equal annual instalments following completion of each work.



This artist's impression shows how the F4 — Western Freeway extension to Lapstone and the duplicate bridge at Regentville will look when completed. The bridge is being financed under the State Government's Deferred Payments Contracts Scheme.

Summary of Loan Liabilities as at 30 June 1984

<i>Details</i>	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
A. General Loan Account (State Loans)						
State loans outstanding prior to 1 July 1983	56.058	40.954	2.992	24.643	8.882	133.529
Add — loans 1983-84	—	—	—	—	—	—
Less — repayments of principal and sinking funds during 1983-84	0.837	0.714	0.044	0.361	0.132	2.088
State loans outstanding at 30 June 1984	55.221	40.240	2.948	24.282	8.750	131.441
B. Repayable Treasury Advances						
Advances outstanding prior to 1 July 1983	5.948	5.099	—	—	—	11.047
Add — Advance 1983-84	—	10.000	—	—	—	10.000
Less — principal repaid in 1983-84	0.328	0.282	—	—	—	0.610
Advance outstanding at 30 June 1984	5.620	14.817	—	—	—	20.437
C. Loans Raised by Commissioner (Semi-Govt. Loan Program)						
Semi-Govt. loans outstanding prior to 1 July 1983	122.779	259.138	21.003	4.581	7.157	414.658
Add — loans 1983-84	26.000	26.000	—	—	—	52.000
	148.779	285.138	21.003	4.581	7.157	466.658
Less — principal repaid in 1983-84	1.340	1.158	0.806	0.142	0.034	3.480
Semi-Govt. loans outstanding at 30 June 1984	147.439	283.980	20.197	4.439	7.123	463.178
Less — Sinking Fund						
— Long term securities	3.397	5.956	3.396	2.040	2.799	17.588
— Short term securities	2.088	2.952	0.741	—	0.625	6.406
— Cash on hand	0.013	0.008	—	—	0.013	0.034
— Main Roads Non-Negotiable Inscribed Stock	7.325	6.950	7.325	2.300	3.553	27.453
<i>Sub-total Sinking Fund</i>	<i>12.823</i>	<i>15.866</i>	<i>11.462</i>	<i>4.340</i>	<i>6.990</i>	<i>51.481</i>
Net liability at 30 June 1984 — loans raised under Semi-Govt. Program	134.616	268.114	8.735	0.099	0.133	411.697
D. Internal Loans from Reserves for Loan Repayments						
Internal loans outstanding prior to 1 July 1983	10.500	16.100	—	—	—	26.600
Add — loans 1983-84	—	15.000	—	—	—	15.000
Internal loans outstanding at 30 June 1984	10.500	31.100	—	—	—	41.600
LESS						
E. Toll Funds Set Aside for Loan Repayments						
— Short term securities	—	—	—	(9.290)	—	(9.290)
— Main Roads Non-Negotiable Inscribed Stock	—	—	—	(12.250)	(1.897)	(14.147)
Total Toll funds set aside	—	—	—	(21.540)	(1.897)	(23.437)
Net Loan Liability as at 30 June 1984	205.957	354.271	11.683	2.841	6.986	581.738
Summary of Leveraged Leases as at 30 June 1984						
Lease negotiated 1981-82	—	7.800	—	—	—	7.800
Less — principal repaid in 1983-84	—	0.620	—	—	—	0.620
Net Liability at 30 June 1984	—	7.180	—	—	—	7.180
Summary of Deferred Payments Contracts as at 30 June 1984						
Financial Accommodation Negotiated 1983-84	5.371	—	—	—	—	5.371

13. Commonwealth Grants

(i) Roads Grants Act

The Roads Grants Act, 1981 provides for the allocation from Consolidated Revenue of specific purpose grants for roads over a five year period from 1980-81 to 1984-85. Grants are provided for the construction and maintenance of national roads, construction of arterial roads and for local roads.

The classification of roads is determined by the Commonwealth Minister in consultation with the States. The legislation requires that all construction projects on National Roads be approved by the Commonwealth Minister and be carried out by contract.

Grants totalling \$243 million were provided in 1983-84 for NSW under the Roads Grants Act. This was an increase of 6% over the grants of \$229.7 million in 1982-83.

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 (1983-84) terms for the various road categories over the ten year period 1974-84 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 \$175 million in 1974-75 to \$74 million in 1983-84.

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 \$152 per vehicle in 1974-75 to \$85 per vehicle in 1983-84.

(ii) Australian Bicentennial Road Development Trust Fund Act

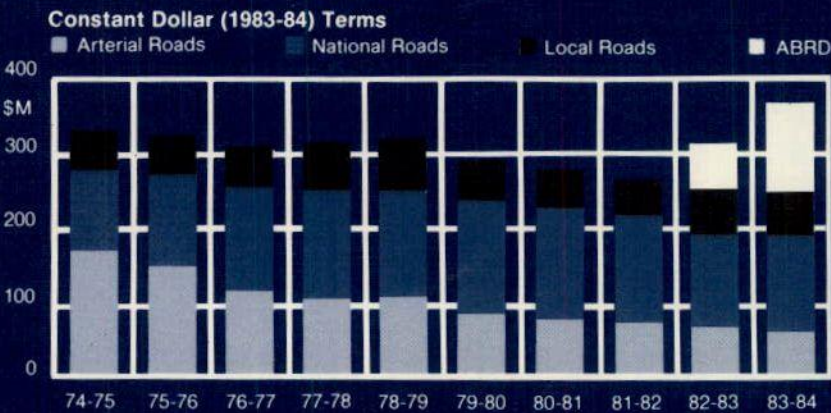
The Australian Bicentennial Road Development (ABRD) Trust Fund Act, 1982 introduced a surcharge on the excise of motor spirit and diesel fuel to provide funds for a special program of road improvement works to be completed by 1988, to coincide with the Australian Bicentenary.

The Act provided for a 1 cent per litre surcharge to be applied from 17 August 1982, and a fixed rate of 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.

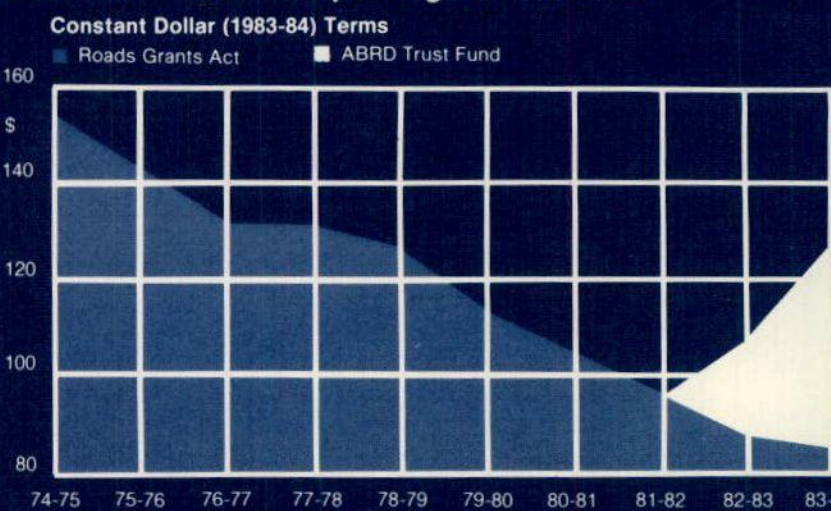
No provision has been made under the Act for the ABRD Program to receive additional funds arising from indexation of fuel excise which is deposited wholly into the Federal Consolidated Revenue Fund.

During 1983-84 the cash receipts and expenditure by the Department in respect of the ABRD Program were as shown in the accompanying table.

Commonwealth Road Grants



Commonwealth Grants per Registered Vehicle



ABRD Program Cash Receipts and Expenditure 1983-84

	National Roads \$M	Urban Arterial Roads \$M	Rural Arterial Roads \$M	Local Roads \$M	Total \$M
Advance for 1982-83	3.255	1.404	0.759	—	5.418
Cash Received in 1983-84	64.573	34.062	24.743	22.519	145.897
Total Cash	67.828	35.466	25.502	22.519	151.315
Less Advance for 1984-85	4.890	4.581	3.499	2.484	15.454
Expenditure 1983-84	62.938	30.885	22.003	20.035	135.861

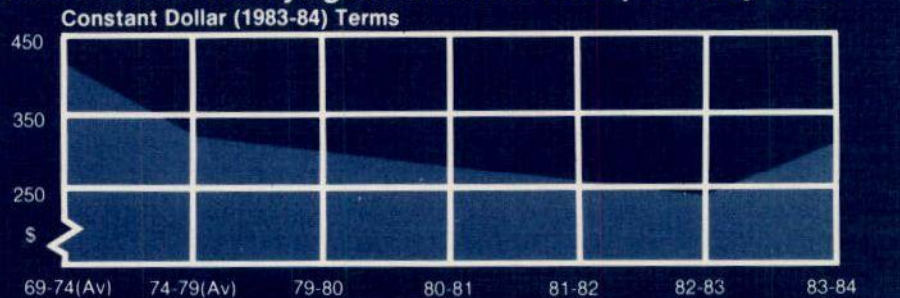
(iii) Employment Generating Programs

The Department received a grant of \$5.1 million under the Wage Pause Employment Program early in 1983. Funds received under this program during the

financial years 1982-83 and 1983-84 amounted to \$0.843 million and \$4.665 million respectively.

Funds received under the Steel Region Assistance Program in 1983-84 amounted to \$2.3 million.

Amount Spent per Registered Vehicle of Total Funds Applied as shown in Accompanying Statement of Receipts & Payments



Receipts and Payments Summary for all Funds 1969-70 to 1983-84 in Constant Dollar (1983-84) Terms

	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	1983-84 \$M
Receipts:							
State Sources							
Motor vehicle registration tax	249.653	237.255	238.748	262.847	285.548	287.819	306.921
Road maintenance contribution	79.792	45.959	2.035	0.033			
Motor vehicle registration fee	17.664	24.386	31.829	26.664	23.170	9.098	10.631
Diesel fuel levy						32.612	30.318
Tolls	27.668	20.743	16.984	15.731	13.824	11.369	11.009
Deferred payments contracts							5.371
Other	22.954	48.584	26.028	22.576	21.468	22.343	39.398
Contributions							
— County of Cumberland Council	27.624	0.170					
— Country Councils (est.)	19.673						
Sub-Total (State Revenue)	445.028	377.097	315.624	327.851	344.010	363.241	403.648
Loan Funds	42.565	56.240	178.090	158.690	122.443	65.413	77.000
Leveraged lease finance					9.836		
Total — State Sources	487.593	433.337	493.714	486.541	476.289	428.654	480.648
Commonwealth Sources							
Classified roads and research	238.841	263.184	232.722	223.191	211.935	195.047	190.895
Local roads	99.169	58.264	63.502	61.123	58.343	53.691	52.549
ABRD program						36.497	145.897
Employment generating programs						0.912	6.965
Total — Commonwealth Sources	338.010	321.448	296.224	284.314	270.278	286.147	396.306
From cash balance		7.312	10.567	26.524			
Add to cash balance	26.523				5.395	16.932	1.401
Total Receipts	799.080	762.097	800.505	797.379	741.172	697.869	875.553
Payments:							
Construction	452.682	382.821	404.449	401.197	356.231	336.563	458.654
Maintenance	146.955	177.141	166.736	162.084	152.155	146.931	164.411
Traffic facilities	17.663	39.675	54.434	50.980	46.706	42.333	45.078
Operating and suspense accounts	3.793	9.722	14.102	10.192	3.914	8.584Cr.	7.431Cr.
General administration and research	47.769	42.482	36.653	37.668	37.346	34.434	34.338
Sub-Total (Works Expenditure)	668.862	651.841	676.374	662.121	596.352	551.677	695.050
Loan charges and repayments	41.292	41.244	59.709	72.706	85.534	91.701	97.172
Sub-Total	710.154	693.085	736.083	734.827	681.886	643.378	792.222
Local roads	88.926	69.012	64.422	62.552	59.286	54.491	83.331
Total Payments	799.080	762.097	800.505	797.379	741.172	697.869	875.553

(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 1983-84

	\$	1983-84 \$	1982-83 \$
Receipts			
Transfer of motor vehicle registration tax from Main Roads Funds	[Note (a)]	1,600,000	—
Tolls	6,017,955		5,917,799
Less cost of collection	2,237,889		2,179,297
Net tolls received		3,780,066	3,738,502
Contribution by Urban Transit Authority and State Rail Authority		544,238	522,951
Rent from properties		793,812	683,984
Interest on Sydney Harbour Bridge reserve account		—	327,116
Interest received on sinking fund investments		1,024,910	845,513
Total Receipts		7,743,026	6,118,066
Cash balance at 1 July 1983		898,121	1,940,226
		8,641,147	8,058,292
Payments			
Maintenance and lighting		3,188,375	2,183,693
Provision of new driver aid facilities		321,064	312,420
Tow truck service and driver aid operations		1,837,240	1,792,583
General administration		240,000	200,000
State loan charges paid to Treasury		1,085,000	1,074,000
Interest on loans raised by Commissioner		812,037	722,999
Sinking fund and principal on loans raised by Commissioner		1,054,699	874,476
Total Payments		8,538,415	7,160,171
Cash balance at 30 June 1984		102,732	898,121
		8,641,147	8,058,292

Dissection of Construction and Improvement Works at Cost and their Source of Finance — Position as at 30 June 1984

	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			3,365,670		3,365,670
Total	20,521,502	9,320,000	27,048,708	3,352,226	60,242,436
Total loans	20,521,502	9,320,000			
Less repayments of loans to 30 June 1984	11,771,777	2,196,775			
Outstanding Loans as at 30 June 1984	8,749,725	7,123,225			

Note (a). Moneys advanced from Main Roads have been provided on the basis that these funds are applied towards maintenance and administration charges.

Sydney Harbour Bridge

Statement of Funds Employed as at 30 June 1984

	\$	\$	1983-84 \$	1982-83 \$
Funds Employed				
<i>Loans Raised to Finance Works:</i>				
State Loans				
— Repaid from tolls	9,895,345			9,788,345
— Repaid by Commonwealth Government	1,876,432			1,850,937
— Amount outstanding	8,749,725	20,521,502		8,882,220
Loans Raised by Commissioner				
— Repaid from tolls	2,196,775			2,163,287
— Amount outstanding	7,123,225	9,320,000		7,156,713
			29,841,502	29,841,502
<i>Works financed from Other Sources:</i>				
— Capital works financed from tolls		27,048,708		26,727,644
— Contributions by Councils and miscellaneous		3,352,226		3,352,226
			30,400,934	30,079,870
Total Cost of Works			60,242,436	59,921,372
<i>Accumulated Funds:</i>				
— Sinking Fund for loan repayments		6,989,500		6,989,500
— Reserve for loan repayments		1,897,273		872,363
— Working funds		90,044		889,131
			8,976,817	8,750,994
			69,219,253	68,672,366
Represented by				
<i>Works at Cost:</i>				
— 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		3,365,670		3,044,606
			60,242,436	59,921,372
<i>Securities and Cash:</i>				
— Long term securities		2,799,000		2,410,000
— Main Roads inscribed stock		5,450,000		2,900,000
— Short term securities		625,085		2,542,873
— Cash at Treasury		102,732		898,121
			8,976,817	8,750,994
			69,219,253	68,672,366

Berowra to Calga Toll Work

Statement of Receipts and Payments for 1983-84

	\$	1983-84 \$	1982-83 \$
Receipts			
Tolls	7,320,753		6,960,571
Less cost of collection	1,169,144		1,162,403
Net tolls received		6,151,609	5,798,168
Interest received on sinking fund investments		2,623,484	1,903,294
Total Receipts		8,775,093	7,701,462
Cash balance at 1 July 1983		92,111	95,981
		8,867,204	7,797,443
Payments			
Lighting		83,377	90,813
Tow truck service and driver aid operations		291,229	291,641
Replacement of emergency telephones		—	152,174
General administration		100,000	90,000
State loan charges paid to Treasury		2,922,380	2,891,060
Interest on loans raised by Commissioner		544,820	448,289
Sinking fund and principal on loans raised by Commissioner		4,818,408	3,741,355
Total Payments		8,760,214	7,705,332
Cash balance at 30 June 1984		106,990	92,111
		8,867,204	7,797,443

Statement of Funds Employed as at 30 June 1984

	\$	1983-84 \$	1982-83 \$
Funds Employed			
<i>Loans Raised to Finance Works:</i>			
State Loans			
— Repaid from tolls	3,500,520		3,209,020
— Repaid by Commonwealth Government	1,167,871		1,098,153
— Amount outstanding	24,281,609		24,642,827
Loans raised by Commissioner			
— Repaid from tolls	1,560,586		1,418,657
— Amount outstanding	4,439,414		4,581,343
Treasury advance repaid from tolls	800,000		800,000
		35,750,000	35,750,000
<i>Accumulated Funds:</i>			
— Sinking Fund for repayment of loans raised by Commissioner	4,339,700		4,339,700
— Reserve for loan repayments	21,540,323		16,863,843
		25,880,023	21,203,543
		61,630,023	56,953,543
Represented by			
<i>Works at Cost:</i>			
— Roads and bridges	35,109,836		35,109,836
— Toll office land and buildings	640,164		640,164
		35,750,000	35,750,000
<i>Investments:</i>			
— Long term securities	2,039,700		2,039,700
— Main Roads inscribed stock	14,550,000		10,500,000
— Short term securities	9,290,323		8,663,843
		25,880,023	21,203,543
		61,630,023	56,953,543

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 1983-84

	\$	1983-84 \$	1982-83 \$
Receipts			
Tolls	1,962,802		1,842,451
Less cost of collection	885,775		881,361
Net tolls received		1,077,027	961,090
Interest received on sinking fund investments		1,333,775	1,302,388
Transfer of motor vehicle registration tax from County of Cumberland Fund [Note (a)]		2,816,804	3,043,606
Total Receipts		5,227,606	5,307,084
Cash balance at 1 July 1983		—	—
		5,227,606	5,307,084
Payments			
Maintenance and lighting		545,056	497,587
Tow truck service and driver aid operations		263,506	212,715
General administration		50,000	55,000
State loan charges paid to Treasury		359,010	354,830
Interest on loans raised by Commissioner		1,796,696	1,810,972
Sinking fund and principal on loans raised by Commissioner		2,213,338	2,375,980
Total Payments		5,227,606	5,307,084
Cash balance at 30 June 1984		—	—
		5,227,606	5,307,084

Statement of Funds Employed as at 30 June 1984

	\$	1983-84 \$	1982-83 \$
Funds Employed			
<i>Loans Raised to Finance Works:</i>			
State Loans			
— Repaid from tolls	356,130		320,430
— Repaid by Commonwealth Government	95,424		86,898
— Amount outstanding	2,948,446		2,992,672
Loans raised by Commissioner			
— Repaid from tolls	7,403,398		6,597,153
— Amount outstanding	20,196,602		21,002,847
		31,000,000	31,000,000
<i>Accumulated Funds:</i>			
— Sinking Fund for repayment of loans raised by Commissioner		11,461,657	10,054,564
		42,461,657	41,054,564
Represented by			
<i>Works at Cost:</i>			
— 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
		31,000,000	31,000,000
<i>Investments:</i>			
— Long term securities	3,396,000		1,836,000
— Main Roads inscribed stock	7,325,000		3,900,000
— Short term securities	740,657		4,318,564
		11,461,657	10,054,564
		42,461,657	41,054,564

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.

Statement of Financial Operations for the Year ended 30 June 1984 excluding Traffic Facilities Work

1982-83 \$'000	Source of Funds	1983-84 \$'000
Grants and Taxes		
<i>Commonwealth</i>		
227,527	— Roads Grants Act	240,698
33,700	— Australian Bicentennial Road Development Trust Fund Act	145,897
843	— Employment Generating Programs	6,965
262,070		393,560
<i>State</i>		
238,661	— Motor Vehicle Registration Tax (Note 3)*	276,921
30,113	— Diesel Fuel Levy	30,318
—	— Flood Restoration Grant	12,400
4,116	— Contributions for Specified Works	7,627
272,890		327,266
534,960	Total Grants and Taxes	720,826
Operations		
14,721	— Sydney Harbour Bridge and Toll Works	15,302
7,852	— Rents from Properties for Works	9,015
2,994	— Miscellaneous	3,625
25,567	Total Operations	27,942
Other		
5,182	— Interest (Note 6)*	6,505
57,800	— Loans — Semi-Government Program	52,000
	— Repayable Treasury Advance	10,000
—	— Deferred Payments Contracts (Note 2)*	5,371
5,149	— Sale of Properties No Longer Required	9,203
68,131	Total Other	83,079
628,658		831,847

* See page 51.

1982-83 \$'000	Application of Funds		1983-84 \$'000	\$'000
Construction and Maintenance of Roads				
<i>State Roads</i>				
285,610	— Construction and Rehabilitation		431,629	
28,426	— Property for Roadworks		33,751	
132,724	— Maintenance		160,026	
446,760			625,406	
50,315	<i>Local Roads</i>		83,331	
497,075	Total Construction and Maintenance			708,737
Operations				
29,004	— Administration and Research		31,673	
	— Sydney Harbour Bridge and Toll Works	(Note 4)*	7,006	
4,223	— Collection Costs	4,293		
2,762	— Traffic Facilities	2,713		
		7,006		
2,329	— Property for Works Administration		3,634	
3,717	— Rental Property Expenses		4,664	
42,035	Total Operations			46,977
Other				
64,712	— Interest and Loan Expenses	(Note 6)*	72,946	
5,805	— Capital Debt Repayments		5,801	
—	— Leveraged Lease Instalment	(Note 5)*	1,732	
	— Deferred Payments Contracts	(Note 2)*		
—	— Interest and Other Charges		12	
70,517	Total Other			80,491
609,627				836,205
18,862	Net Increase (Decrease) in Monetary Assets	(Note 7)*		(3,252)
169	Variation in Trust Accounts			(1,106)
628,658				831,847

Statement of Balances as at 30 June 1984

1982-83 \$'000		1983-84 \$'000	\$'000
Capital Debt —			
144,577	Loans provided from State Loan Allocation		151,878
	Loans raised under Semi-Government Program:		
412,807	— Stock held by Outside Bodies		457,069
1,851	— Stock held by Department		6,109
26,600	Loans provided from Reserves for Loan Repayments		41,600
585,835			656,656
Fixed Assets —			
	Land and Buildings (at Cost and Valuation):	(Note 8)	
43,798	— Works Administration		47,431
13,261	— Staff Housing		14,173
82,045	— Rented Properties acquired for Roadworks		82,652
29,019	— Property, acquired for Roadworks, no longer required		35,666
168,123			179,922
82,765	Plant, Equipment and Motor Vehicles (at Cost)		91,883
250,888			271,805
Investments (At Cost) — Reserves for Loan Repayment —			
	Negotiable Government Securities:		
33,562	— Issued by Other Authorities		18,026
1,851	— Issued by Department		6,109
26,600	Non-Negotiable Inscribed Stock of Department		41,600
—	Term Deposits with NSW Treasury Corporation		9,149
62,013			74,884
Current Assets —			
	Cash at Treasury:		
4,853	— General Purposes		7,792
5,360	— Trust Accounts (mainly PAYE Tax)		5,468
	— Advances for 1984-85 Works:		
5,418	• Commonwealth (ABRD)		15,454
—	• State (Local Roads)		3,772
14,348	• Roads Grants Act		—
29,979			32,486
3,687	Debtors		4,618
19,729	Stores (at Cost)		18,419
53,395			55,523
366,296			402,212
Less Current Liabilities —			
4,980	Creditors	(Note 9)	9,541
5,360	Trust Accounts (mainly PAYE Tax)		5,468
53,200	Leave Entitlements	(Note 10)	56,332
63,540			71,341
302,756			330,871
283,079	Net Monetary Liability		325,785

B. N. Loder
COMMISSIONER FOR MAIN ROADS
12 September 1984

E. J. Hanlon
CHIEF ACCOUNTANT
12 September 1984

The accounts of the Department of Main Roads for the year ended 30 June 1984 have been audited in accordance with Section 34 of the Public Finance and Audit Act, 1983.

In my opinion, the statement of financial operations, the statement of balances and the accompanying summary of loan liabilities, read in conjunction with the notes thereto, comply with Section 41(4) of the Act and exhibit a true and fair view of the financial position at 30 June 1984 and transactions for the year then ended.

SYDNEY
20 September 1984

J. O'DONNELL, LL.B., F.A.S.A., C.P.A.,
AUDITOR-GENERAL OF NEW SOUTH WALES

Notes to Statement of Financial Operations and Statement of Balances

1. Format of Accounts

During 1983-84 the Public Finance and Audit Act, 1983, was introduced with particular provisions relating to the form of accounts to be kept by statutory bodies.

Section 41 of the Act provides that a statutory body shall keep accounts and records in relation to all of its operations and that the statement of accounts shall be in a form approved by the Auditor-General (having regard to current accounting standards and industry practices relating to a statutory body).

Following an experimental format in the presentation of the accounts by the Auditor-General in his report for 1982-83, statements for 1983-84 have been prepared on the basis of the accrual of significant items. Owing to the nature of some items, the accruals have been assessed on the latest information available.

With the exception of the costs of tow truck operations and other driver aid works on the Sydney Harbour Bridge and the Toll Works, transactions on the Traffic Facilities Fund have been excluded from this statement as they are included in the Annual Report of the Traffic Authority of New South Wales.

The Statement of Balances has been prepared to show significant items of Assets and Liabilities of the Department as at 30 June 1984.

2. Deferred Payments Contracts Scheme

Financial accommodation amounting to \$5.371 million was provided for construction work in the year 1983-84 under the New South Wales Government Deferred Payments Contracts Scheme.

Revenue funds to meet the accommodation will be required in three equal annual instalments following completion of each work. There were no capital repayments under this scheme in 1983-84.

3. Motor Vehicle Taxation

This item excludes \$30 million Motor Vehicle Taxation allocated to the Traffic Facilities Fund.

4. Toll Works

The cost of toll operations represents the cost of collections (\$4.293 million) and a contribution of \$2.713 million to the Traffic Facilities Fund to cover charges in respect of tow truck services, driver aid and other traffic facility works.

Maintenance and lighting costs of the Toll Works and Sydney Harbour Bridge are shown under maintenance of state roads in the Statement of Financial Operations.

5. Leveraged Lease Instalment

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 \$13.520 million payable in eight annual instalments which commenced 1 October 1983.

In addition, the Department is committed to a payment of about \$1.4 million being the residual value of the equipment (17.55% of equipment cost) at the end of the lease term.

Under the lease agreement, the Department is to have no title to the equipment at the expiration of the term of the lease but does have an option of renewal for a further term of eight years at a rental to be determined.

6. Interest

Amounts shown in the Statements for interest include \$0.562 million in respect of the Department's holdings of negotiable securities issued for Department of Main Roads Public Loans.

7. Movement in Monetary Assets

The decrease in monetary assets of \$3.252 million is represented by:

	\$M
Increase in cash	2.507
Decrease in sinking fund investments	2.129 Cr
Increase in debtors	0.931
Total Debits	1.309
Less	
Increase in creditors	4.561
Net Decrease in monetary assets	3.252

8. Fixed Assets — Land and Buildings

(i) Land and Buildings Used for Administration Purposes

Properties under this category are currently valued at \$47.431 million based on information contained within the Department's records. A physical inspection of properties has not been carried out.

(ii) Staff Housing

These properties have been assessed on a similar basis to land and buildings used for administration purposes and have a current value of \$14.173 million.

(iii) Rented Properties

Other than staff housing, the Department owned 2,096 income-producing properties, which have a book value total of \$82.652 million.

(iv) Properties Acquired for Roadworks No Longer Required

The book value of residues being the land surplus to current requirements for roadworks is \$35.666 million.

Because of the very large number of individual residues involved, mostly small in size, the valuation of each property would involve considerable time and effort, but the Department will progressively update valuations to ensure they are representative of current market values.

Properties not required for roadworks sold in 1983-84 realised \$9.2 million.

9. Creditors

The amount of \$9.541 million comprises:

	\$M
Sundry creditors for stores and materials	8.02
Payroll & other cyclic expenditures	1.52
Total	9.54

10. Leave Entitlements

The amount of \$56.332 million included in the Statement of Balances comprises:

	\$M
Accrued annual leave	13.1
Assessed long service leave	43.2
Total Leave Entitlement	56.3

The amounts are based on salary and wage rates applicable at 30 June 1984.

The long service leave calculation is based on entitlement for those employees who have the basic 10 years qualifying service.

11. Outstanding Commitments

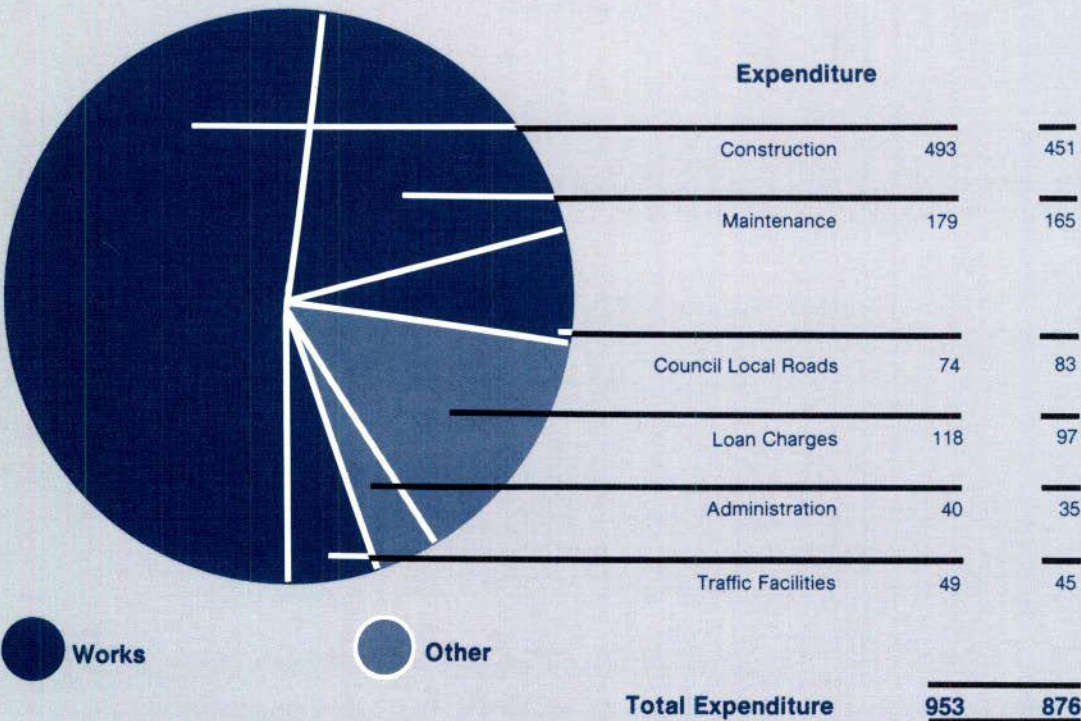
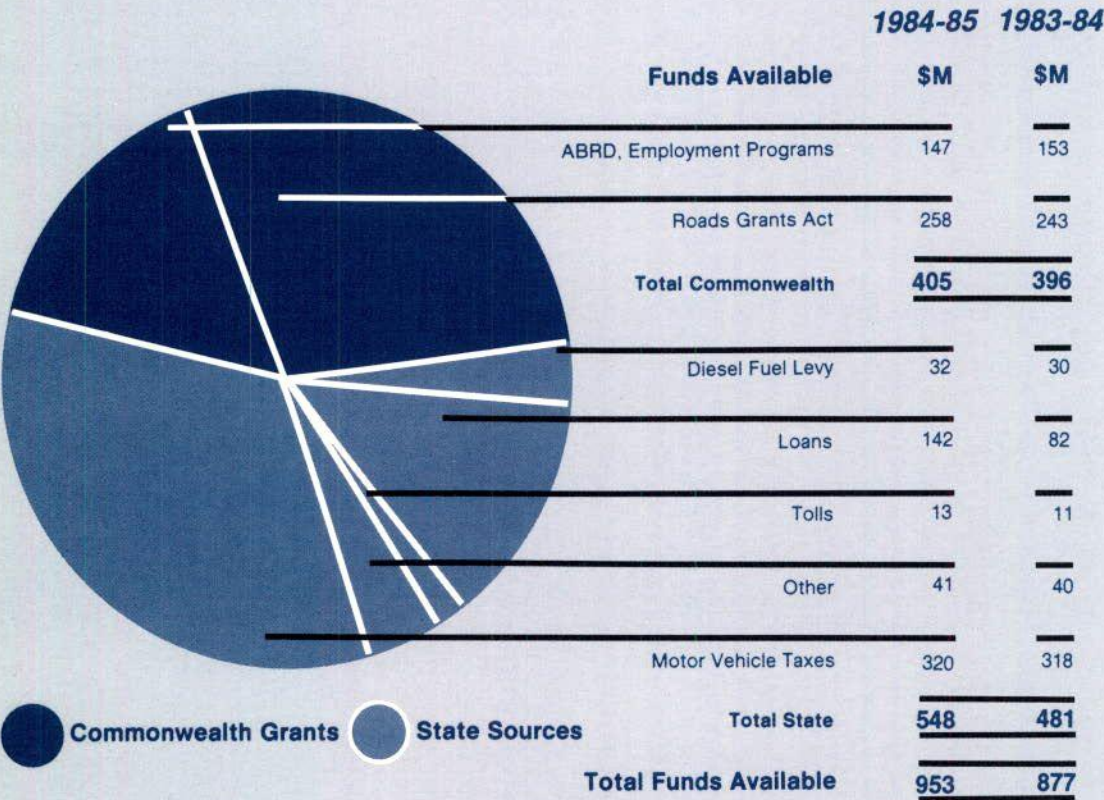
The outstanding commitment is represented by:

	\$M
Executory contracts	160
(The value of work to be completed on contracts let as at 30 June 1984)	
Purchase of road plant, equipment and motor vehicles	9
(The face value of unfulfilled orders placed as at 30 June 1984)	
Total Outstanding Commitment	169
Deferred superannuation contribution (contingent liability)	256
Total	425

The amount calculated as the Department's deferred superannuation contribution (\$256M) to the State Superannuation Fund and the New South Wales Retirement Fund is an internal assessment only. The assessment is based on an actuarial review of the liability of a similar sized State Authority.

Budget for 1984-85

The Year Ahead



Traffic Management 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 1983-84 expenditure on traffic facilities such as intersection improvements, traffic signals, roundabouts, emergency services, driver aid schemes, signs and roadmarking was \$47.5 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, which continue to provide close co-operation between authorities involved with traffic control.

New Traffic Flow Committee

At the instigation of the Minister for Roads, the Hon. L.J. Brereton, a Ministerial Committee on Main Road Traffic Flow has been established to ensure that the work of major Departments concerned with roads and road transport is effectively co-ordinated to improve traffic flow. The Committee consists of the Minister for Roads, the Minister for Transport, the Minister for Police and the Minister for Local Government, as well as representatives of the four Departments.

Accident Blackspots

Priority continued to be given to corrective treatment at intersections identified as having the worst accident record.

These locations have been identified as blackspots by their accident record over a two-year period. The majority of sites now listed have recorded 27 or more accidents involving fatal or serious injury, or extensive vehicle damage.

The Department has been taking corrective action at blackspots for a number of years and each of the sites treated is monitored to ensure that the accident rate has been effectively reduced, thereby warranting deletion of the site from the blackspot list.

During 1983-84 the accident potential at 37 of these intersections was reduced by the installation of new traffic signals, the reconstruction or rephasing of existing signals, skid resistant surfacing, median closures, or channelisation and the construction of a roundabout.

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.

Intersection Control

The program of State-wide intersection control, involving the establishment of a road hierarchy plan in all Council areas and relevant signposting of all road junctions, is expected to be completed by the end of 1984.

Motorways

Proclamation as a Motorway under the Main Roads Act enables the Department to limit access to a road from abutting property. This improves safety by eliminating unnecessary traffic conflict. During the year 23 motorway proclamations were approved, covering a total length of 67.5 km.

Clearways

New clearways were established at:

- Pittwater Road — Hawkesbury Avenue, Dee Why to Garden Street, North Narrabeen;
- Marion Street — Olympic Parade, Bankstown to Owen Road, Georges Hall;
- Sackville Street — Polding Street, Fairfield to Bartley Street, Cabramatta;
- Corrimal Street — Bourke Street, North Wollongong to Keira Street, Coniston;
- Princes Highway — Moss Vale level crossing, Unanderra to Keira Street, Wollongong;
- Princes Highway — Bellambi Lane, Russell Vale to Crown Street, Wollongong;
- Five Islands Road — Princes Highway, Figtree to King Street, Warrawong;
- Springhill Road — Five Islands Road, Cringila to Keira Street, Coniston.

Speed Zoning

New speed zones and the extension of existing speed zones during the year increased the lengths of 60 km/h and 80 km/h zones by 94 km and 140 km respectively.

Intersection realignment work underway at a blackspot in Fairfield where Polding Street and The Horsley Drive intersect.



Traffic Signals

Sixty-one new sets of traffic signals were brought into service during the year, and two sets were removed, bringing the total number in service at 30 June 1984 to 2,005, distributed as shown in Table 5.

Seventy-four sets of traffic signals were reconstructed because of changing traffic factors or road reconstruction. Temporary signals were installed at three locations to assist in the safe movement of traffic at the site of roadworks.

Computer Linking of Traffic Signals

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 1,104 intersections are now connected to SCATS under computer control. The system includes a central supervisory computer at the Department's Traffic Control and Emergency Centre, 12 regional computers at key locations in the metropolitan area, and at Newcastle and Wollongong.

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 56) indicate that SCATS is contributing significantly to keeping traffic flowing on urban arterial roads. As well as monitoring and adjusting to traffic flows, the system provides a direct means of checking the effective operation of signal equipment.

Intersection Improvements

Twenty-seven intersections were reconstructed and improved during the year, while permanent channelisation was carried out at another 44 intersections, including:

- Hume Highway/Bass Hill Shopping Centre access road, Bass Hill;
- George Street/Howick Street, Bathurst;
- Williams Street/Buck Street, Broken Hill;
- Pacific Highway/Tourist Road 2048, Chinderah;
- Crispe Street/Ochertyre Street, Deniliquin;
- Bruxner Highway/Wyrallah Road, Lismore;
- Great Western Highway/Lee Street, Lithgow;
- Great Western Highway/Pitt Street, Parramatta;
- O'Connell Street/Macquarie Street, Parramatta;
- Pitt Street/Argyle Street, Parramatta;
- River Road/Panonia Street, Wyong.

Roundabouts

Roundabouts are being constructed to advantage in appropriate locations,

Table 5. Traffic Signals in Service, 1983 and 1984

Area	Vehicle Actuated		Pedestrian Actuated		Inner City		Totals	
	At	At	At	At	At	At	At	At
	30/6/83	30/6/84	30/6/83	30/6/84	30/6/83	30/6/84	30/6/83	30/6/84
Blacktown	166	172	21	22	—	—	187	194
Parramatta	279	294	38	37	—	—	317	331
Sydney	915	938	116	118	120	120	1,151	1,176
Newcastle	110	113	25	26	—	—	135	139
Wollongong	78	80	9	9	—	—	87	89
Country Centres	56	62	13	14	—	—	69	76
Totals	1,604	1,659	222	226	120	120	1,946	2,005

particularly local streets where they are proving more successful than traffic signals in providing necessary control. Roundabouts not only cost less in the first place but they are cheaper to maintain.

During the year roundabouts were installed at 45 sites, including:

- Bentinck Street/Russell Street, Bathurst;
- Walters Road/Newton Road, Blacktown;
- John Street/Hill Street, Cabramatta;
- Murray Farm Road/Oaks Road, Carlingford;
- Polding Street/The Boulevard, Fairfield;
- Banna Avenue/Crossing Street, Griffith;
- Hoxton Park Road/Fifteenth Ave, Hoxton Park;
- Hawkesview Road/Fowler Road, Merrylands;
- Park Road/Carlingford Street, Regents Park;
- Keira Street/Swan Street, Wollongong.

Cycleways

The Department administers grants under the Bicycle Facilities Program on behalf of the Minister for Transport. Grants for cycleway construction are provided to Councils on a 50/50 basis. During the year cycleways came into service in Armidale, Ballina, Bathurst, Bellingen, Canterbury, Coffs Harbour, Lake Macquarie, Manly, Newcastle, Penrith, Port Stephens, Shellharbour, Shoalhaven, Warringah, Wollongong and Wyong.

Roundabouts like this one at the intersection of Smithfield Road and Polding Street, Smithfield are effective in reducing accidents.



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 eight locations in metropolitan and country centres after consultation with the Royal Blind Society of NSW, bringing the total to 82. The main need for this program has now been met, but audio-tactile boxes will continue to be installed as further needs arise.

Miscellaneous Projects

Eighty-four other traffic management and safety projects were completed during the year, including skid resistance improvements and provision of additional lanes and bus bays.

A one-way traffic management scheme was introduced in the western section of the Parramatta Central Business District, incorporating sections of O'Connell, Pitt and Macquarie Streets. This will improve traffic flow and access to the Central Business District and is the first stage of adjustments necessary for the proposed Church Street Mall.

A solution was found for the problem of high vehicles travelling along Church Street, Parramatta colliding with the low railway bridge at Argyle Street. After various arrangements of warning signs had failed to solve the problem, the Department installed photo-electric equipment which detects high vehicles approaching the bridge and activates warning signs with flashing lights. A high vehicle detour of Parramatta Central Business District was introduced in conjunction with this work, and has been operating successfully since November 1983.

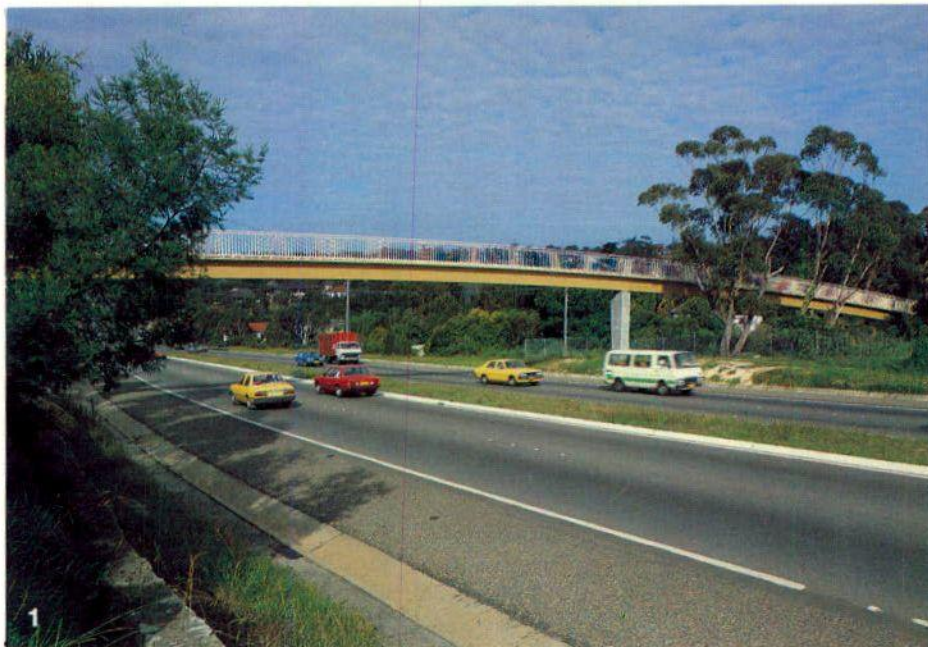
Traffic Volumes

The Department carries out systematic data collection of traffic volumes at about 6,000 sites throughout the State. Urban and rural surveys are undertaken in alternate years. There is a four year cycle with urban areas being surveyed in the first and third years; while for rural surveys, half the State is surveyed in the second year and the other half in the fourth.

1. A new pedestrian bridge over the Sutherland Bypass (Acacia Road) was opened during the year.

2. Existing pedestrian push-buttons for traffic signals are gradually being replaced. The new design has a larger, improved button, a visual-tactile arrow and provision for an audio-tactile facility where required.

3. Electronic sensors activate flashing lights on this warning sign when high vehicles approach a low railway overbridge in Church Street, Parramatta.



Traffic volume data are of prime importance to the Department's planners and are widely used by other organisations and the general public.

Survey results are published regularly on a Divisional basis and can be purchased from the Department's Plan Room, telephone (02) 218 6824. During the year results were published for North Eastern, Lower North Coast, Illawarra, South Coast, Central Murray, Central Northern and Murray Darling Divisions and for the urban areas of Newcastle. Survey results for the South Western Division and the County of Cumberland are being printed.

Information relating to truck movements in rural areas is now collected with automatic vehicle classifiers. Additional information, such as axle arrangement, type and weight of load, origins and destinations will be collected by Weight of Load Inspectors at Heavy Vehicle Checking Stations and on mobile patrol in the course of their normal duties.

At 30 June 1984 there were 172 continuous Permanent Counting Stations in operation at strategic locations throughout the State. Data recorded at these sites give a very good indication of the over-all trend in traffic activity. The growth rate from 1982 to 1983 was 1.6% on rural roads and 1.4% on urban roads, giving an average growth of 1.5%. Figure 1 of 'Performance Indicators' on page 8 shows the declining rate of increase in traffic volumes over the last two years.

Travel Times

Travel time measurement in the Sydney metropolitan area involves surveying approximately 600 km of arterial roads in the 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 a year.

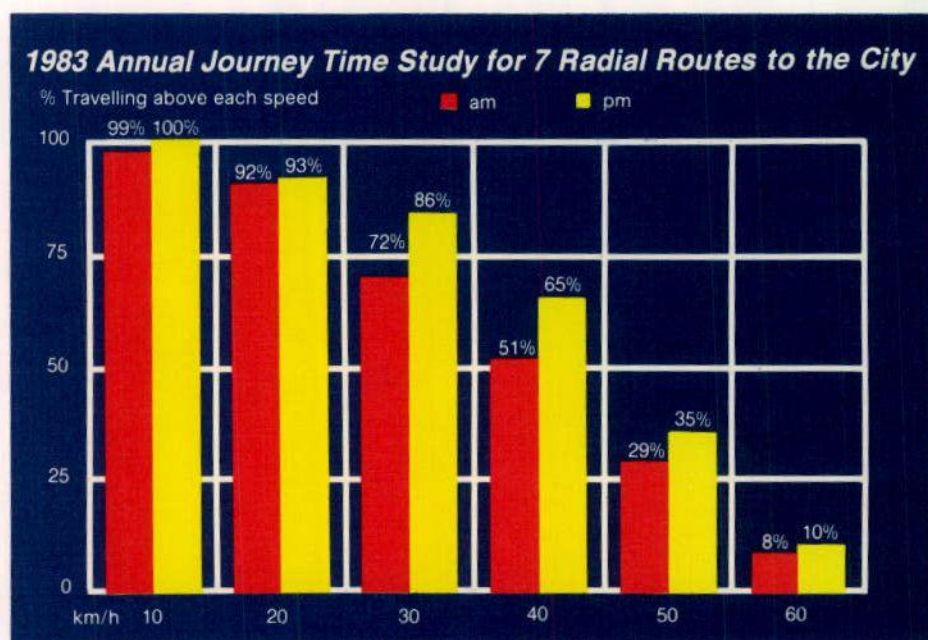
In 1983, the Traffic Authority adopted an objective of maintaining average traffic speeds of 40 km/h, or above, on the urban arterial road system in peak periods. Table 6 shows the position for the calendar year 1983, for morning and evening peak period travel to and from Parramatta and the Sydney Central Business District (CBD). The distances surveyed refer to a combined total of various routes to and from Parramatta and the Sydney CBD respectively. This is an attempt to give an overview of the current performance of the greater Sydney road network. The table shows that more than half the arterial road network already operates at above 40 km/h in peak periods.

Looking at the network performance in more detail, the accompanying bar chart '1983 Annual Journey Time Study' shows the proportion of traffic travelling above certain speeds on the seven main radial routes to the Sydney CBD. Examination of previous surveys indicates some improvement on most major routes, despite a steadily growing rate of traffic demand of

Table 6. Arterial Road Speeds in Sydney, 1983

Peak Period	Route	Total Distance Surveyed*	Median Speed	Proportion of Route Travelled at 40 km/h or Above
		km	km/h	%
Morning	To Parramatta	321	43	71
	To Sydney CBD	315	34	56
	Average for both routes	(636) (total)	39	64
Evening	From Parramatta	322	44	74
	From Sydney CBD	314	38	68
	Average for both routes	(636) (total)	41	71

*Aggregate of various routes.



between 3% and 4% per annum over the last two decades. This general improvement is illustrated in Figure 3 of 'Performance Indicators' on page 8.

All routes are examined for changes in travel time since the preceding year. This examination has indicated that during the past 12 months no route has had a statistically significant change in travel time except in areas of new construction such as the F4 — Western Freeway.

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

Control of Overloaded Vehicles

Weight limits for heavy vehicles are imposed to reduce damage to the community's road asset and to improve road safety. In addition to reducing the life of road pavements, an overloaded vehicle may also become a potential hazard by placing undue strain on brakes and other mechanical components.

Overloading can substantially reduce the life of road pavements (designed to last 20

to 30 years) and is estimated to cost the State \$24 million a year in pavement restoration. This is money that must be diverted from other worthwhile road and bridge construction projects.

The Department's 100 Weight of Load Inspectors man heavy vehicle checking stations at Berowra, Marulan, Mt Boyce and Kankool, as well as operating mobile patrols throughout the State. A fifth station at Bell is due to be opened shortly. The recruitment of an extra 18 inspectors during the year accounts for the large increase in the number of vehicles checked during 1983-84 from the 1982-83 figure (Table 7).

Load limits for heavy vehicles (that is, over four tonnes) are enforced by means of Ordinance No.30C of the Local Government Act, 1919. This provides for maximum fines of \$1,000 for a first offence and \$2,000 for a second and subsequent offences. In some cases the Department prosecutes the owners as well as the drivers. As can be seen from Table 7, more than \$3.5 million in penalties was imposed during the year. However, fine levels fail to keep pace with inflation.

Of the 12,141 vehicles reported for overloading during the year, 86 were impounded and the owners or drivers

Table 7. Control of Overloaded Vehicles, 1979-80 to 1983-84

Weight Checks and Penalties	1979-80	1980-81	1981-82	1982-83	1983-84
Vehicles stopped and checked	66,329	71,546	75,760	638,527	1,451,512
Vehicles reported overloaded	7,026	6,602	8,104	9,561	12,141
Drivers prosecuted for failing to obey a lawful direction	72	58	90	84	60
Prosecutions authorised	8,183	6,942	8,130	9,229	12,672
Number of convictions recorded	5,514	7,353	6,437	6,069	11,325
Total penalties imposed (including Court Costs)	\$1,398,997	\$2,153,144	\$1,840,992	\$1,972,023	\$3,667,368
Average penalty imposed (including Court Costs)	\$254	\$293	\$286	\$325	\$324
Number of maximum penalties imposed	1	3	2	5	9

required to reduce their loads before proceeding. The heaviest load encountered was 66 tonnes, compared to the legal limit of 38 tonnes.

Special permits for indivisible loads totalled 10,907, and 1,646 periodical permits were issued. These special trips moved a total of 821,374 tonnes.

To satisfy requirements of the Department of Consumer Affairs, several of the Department's weighbridges were upgraded by electronic conversion. The electronic outputs, connected with a mini-computer, will facilitate the collection of data for the Review of Mass and Dimension Limits to be undertaken by the National Association of Australian State Road Authorities.

During the year the Department held its first 'Weigh Day' when Weight of Loads Inspectors were available to give advice about regulations to wheat hauliers at Tullamore and Gobonderry (northwest of Parkes) and to assist them in developing better load patterns where necessary.

Railway Level Crossing Improvements

The Department is represented on the Inter-Departmental Level Crossing Committee, which sets priorities for improvement to, or elimination of, level crossings throughout the State. Other bodies represented are the State Rail Authority, Police Traffic Branch, Department of Local Government, Traffic Authority, Treasury and the Australian Federated Union of Locomotive Enginemen. The Committee recommends to the Minister for Transport works appropriate for cost sharing through the Special Level Crossing Fund.

The Department is undertaking a review of safety aspects of level crossings throughout the State, following the Traffic Authority's concern 'at the apparent trend towards deteriorating safety at level crossings'. This review follows an inspection last year of level crossings not equipped with automatic warning devices on the route of the XPT services, where trains are permitted to exceed 115 kph. It was found that many other crossings, where the train speed allowed was less than 115 kph, needed improvements for the safety of road users.

Two level crossings were eliminated from the classified road system during the year, bringing the number remaining to 334. (However, another level crossing will be added on Main Road No. 598, near Ulan, when the Ulan-Gulgong railway line is built.)

One of the crossings eliminated was on the Newell Highway (State Highway No. 17) where a bridge was built over the Narrabri-Moree line as part of the Mulgate Creek Deviation, 0.8 km to 4.3 km north of Narrabri. The other was in John Street, Singleton (Main Road No. 503), where approaches to a new bridge over the Main Northern Railway Line were completed.

Work is in progress to eliminate four other level crossings at Katoomba (Great Western Highway), Burbong (Trunk Road No. 51), Millthorpe (Main Road No. 245), and Rosehill (Main Road No. 309).

Flashing lights and warning bells were installed by the State Rail Authority at Old Junee (Trunk Road No. 57), Junee (Main Road No. 243), Jeerabung (Trunk Road No. 61), The Rock (Main Road No. 543), and at 12 other locations on local roads. Eight of

the latter were installed on local rural roads between Albury and Junee, in conjunction with the State Rail Authority's Centralised Traffic Control System.

In 1984-85 the State Rail Authority's target is to install flashing lights and warning bells at another 20 sites, in addition to those installed in conjunction with the Centralised Traffic Control System. As usual, the Department will be arranging for the roadworks required in conjunction with each installation.

Three other level crossings on classified roads were improved with the installation of new or additional street lighting. These were at Goolgowi (State Highway No. 6), Mirrool (State Highway No. 7) and Gulgong (Main Road No. 598).

Construction of a bridge to carry the Great Western Highway over the Main Western Railway at Katoomba is part of the Blue Mountains Road Improvement Program.



Research and Development

The Research and Development Section co-ordinates activities aimed at improving the methods and materials used in road and bridge construction and traffic management.

Pavement Testing

The highlight of research and development in 1983-84 was the commissioning of a machine to assist research into road pavements. The machine (known as ALF) is a relocatable Accelerated Loading Facility. It is designed to simulate actual truck traffic and can apply the equivalent of repeated applications of a dual tyred wheel load of up to 10 tonnes, running over a 10 metre section of pavement.

A survey of research pavement needs, conducted through the National Association of Australian State Road Authorities' Principal Technical Committee Working Group for ARRB/SRA Pavement Research, found that research was needed on the relative ability of different materials to distribute the wheel loading and the damaging effects of overloading, as well as the design of the thickness of additional pavement required, over an existing pavement in a deformed or cracked condition.

The data which will be generated by the ALF are needed for predicting the performance and life of various types and configurations of pavements, and new materials, and consequentially for refinement of pavement design and maintenance procedures. The results of the

testing program will lead to more efficient and more economical methods of pavement construction.

The ALF was designed and manufactured by the Department on behalf of NAASRA and, following the commissioning trials, was transferred to the Australian Road Research Board (ARRB), which is now responsible for its operation and management.

The first full scale test is scheduled to commence in July 1984 on a section of the Sydney-Newcastle Freeway near Somersby, about 70 km north of Sydney.

The ALF is the first machine of its type in Australia. It is patented by the Department, both here and in a number of other countries, and it is hoped to licence overseas manufacturers to build further machines for use in other parts of the world.

Road Pavement Developments

Also in the area of road pavement, pavement thickness design procedures have been refined, particularly with regard to the temperature susceptibility of asphalt pavements, while rolled concrete sub-base has been developed as a material directly laid by paver or grader for either rigid or flexible pavements. This has the potential for utilising supplies of marginal local aggregates of lower cost and existing transport and construction equipment.

Rubber-bitumen sealing techniques have now been refined to the point where they are included in the normal range of operations. This type of seal is able to absorb minor strains and more effectively prevent water penetration into pavements, thus prolonging pavement life.

A technique for forming the markers used to delineate lane lines has proved successful on flexible pavements. Placed in the hot plastic state by travelling

applicators, the process represents savings over the previous labour intensive methods required for placing preformed markers.

Other Achievements

Other research has resulted in a comprehensive system for evaluating the performance of vehicle detector sensors at traffic signals, and methods for accelerating the settlement of embankment on soft foundations have been documented. Designs have been further developed for arrestor beds which will safely decelerate out-of-control heavy vehicles, and research has been carried out into couch grass varieties for low maintenance roadside planting.

Continuing Projects

Continuing research projects include the design of a mobile laboratory to measure and record pavement deflections under a travelling load. This device, known as 'Deflectolab', will be designed as an improvement on the 'Deflectograph', an imported machine. The 'Deflectolab' will have inboard data logging equipment and be capable of faster mechanical operation. The data obtained will be used to refine pavement designs.

The Department is using computer modelling in the design of traffic management systems to improve travel times and fuel efficiency for motorists in urban areas.

Research involving ground engaging tools, such as tynes and cutting edges is also continuing, to determine the most cost effective combinations for various types of plant. Tyres and crawler tracks are being assessed in field performance tests with the same objective.

Known as an Accelerated Loading Facility (ALF), this machine tests road pavements by simulating many years' traffic in a few months. It is pictured testing a new section of the F3 — Sydney-Newcastle Freeway.



Sydney Harbour Bridge

Maintenance

Repainting on the Bridge last year covered 24,134 square metres of steelwork, out of a total area of 485,000 square metres.

As well as routine maintenance of the bridge, several projects to improve security, productivity and access were completed or begun, including replacement of cycleway lights.

Driver Aid Scheme

The Sydney Harbour Bridge Driver Aid Scheme is designed to provide a better means of lane changing and traffic control on the Bridge, to the benefit of the user.

When the scheme is fully operational, cameras will monitor traffic flow, which will be controlled by an automatic lane-changing system including movable medians and overhead lights. Power cables and cameras were installed during the year and installation of the remote controlled movable medians is expected to begin towards the end of 1984.

Table 8. Breakdowns on Sydney Harbour Bridge and Approaches

Cause of Breakdown	Number of Breakdowns			
	1980-81	1981-82	1982-83	1983-84
Mechanical breakdown	2,167	1,905	1,814	1,886
Lack of petrol	1,204	988	1,273	1,153
Flat tyre	351	338	322	302
Accident	404	294	178	182
Abandoned	158	113	72	113
Totals	4,284	3,638	3,659	3,636

Emergency and Patrol Service

Emergency telephones and a patrol service are provided on the Bridge and its approaches, to help motorists in difficulties. Table 8 compares the number of vehicles assisted by the Traffic Patrol Service over the last four years and the causes of breakdown. Nearly 32% of motorists assisted during 1983-84 had run out of petrol. The cost of providing the service during the year was approximately \$1.6 million. However, the benefits to the community through quick removal of disabled vehicles have been assessed at between \$2.5 million and \$3 million.

Traffic Volumes

Table 9 shows traffic volumes over the Sydney Harbour Bridge at selected intervals over the years. It should be noted that these figures are for the calendar year shown, and that directional peak hour volumes were selected during the hour of the highest combined volume.

The highest daily volume for the year was 211,460 vehicles, recorded on Friday, 16 December 1983. The substantial increase of 11.7% in the average evening peak hour volume of the minor flow resulted from new arrangements providing three lanes in this direction.

Table 9. Sydney Harbour Bridge Traffic Volumes, 1973 to 1983.

	1973	1976	1979	1982	1983	1982-83 Increase/ decrease
<i>Annual Totals</i>						%
Annual total northbound	26,345,700	27,375,000	29,882,550	31,338,900	32,102,800	+ 2.4
Annual total southbound	24,546,250	25,929,600	28,251,000	30,054,100	30,834,400	+ 0.2
Annual total road vehicle crossings	50,891,950	53,304,600	58,133,550	61,393,000	62,937,200	+ 2.5
<i>Daily Traffic Volumes</i>						
Annual average northbound traffic	72,180	75,000	81,870	85,860	88,020	+ 2.5
Annual average southbound traffic	67,250	71,040	77,400	82,340	84,550	+ 2.7
Annual average daily traffic	139,430	146,040	159,270	168,200	172,570	+ 2.6
Maximum daily traffic	175,100	179,070	198,240	208,710	211,460	+ 1.3
<i>Average Peak Hour Volume</i>						
In direction of major flow						
Morning	10,030	9,850	10,220	10,320	10,290	- 0.3
Evening	9,940	9,160	9,760	9,380	9,440	+ 0.6
In direction of minor flow						
Morning	3,800	3,410	3,810	3,790	3,860	+ 1.8
Evening	4,220	3,680	4,060	4,620	5,160	+ 11.7
<i>Maximum Hourly Volume</i>						
In direction of major flow						
Morning	10,740	10,920	10,790	11,140	11,350	+ 1.9
Evening	10,430	10,350	10,430	10,720	10,610	- 1.0
In direction of minor flow						
Morning	4,730	3,740	4,320	4,610	4,540	- 1.5
Evening	5,540	4,380	5,100	5,730	5,870	+ 2.4

Support Functions

Survey and Acquisition of Land and Property

Surveys

Last year's surveys for the purpose of land acquisition totalled 155 and covered a distance of 206 km. This compared with the 1982-83 figure of 131 surveys, also covering 206 km.

Control surveys were carried out on 295 km of State Highways and Main Roads based on the State Geodetic Network, 67 km less than for the previous year. These surveys establish an accurate basis for control of other surveys, land acquisition, road design and construction.

Departmental surveyors continued their appraisal of new equipment and methods for application in various types of surveys for Departmental purposes. Arrangements are in hand to acquire a computer system for processing surveys undertaken to check construction of contract roadworks.

Acquisition of Land and Property

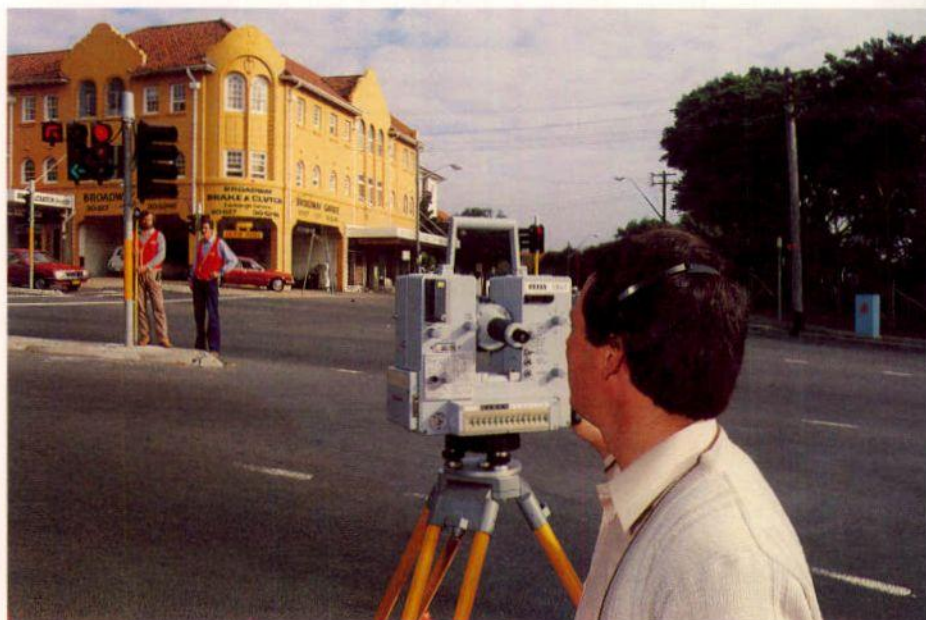
The acquisition of real estate is an integral part of the Department's activities. During 1983-84 the Department made 869 formal offers to acquire property for proposed roadworks and associated activities. Of these, 42 offers were made on the grounds of hardship being experienced by the owners; 64 were for resumed properties, where the Valuer-General has assessed compensation; and 51 were for land vested under the realignment provisions of the Main Roads Act. The remaining 712 offers were made for properties required for programmed roadworks. Upon settlement, the total expenditure on these acquisitions will be \$33.75 million, an increase from the previous year's total of \$28.43 million for 580 properties.

Residue Properties

The sale of 81 surplus properties no longer required for roadworks produced a return of \$9.2 million, which will be redirected to roadworks. Sales the previous year were for \$5.15 million, and involved 45 properties.

The Department has an on-going program to dispose of surplus property assets. Many of these areas are small and of irregular shape, making them unsaleable except to the owners of adjoining land. Consequently, the Department has reviewed its policy in relation to road boundaries so that in future many such areas will be included in the road reserve.

At present, the main register of the Department's real estate assets is in



A Departmental Surveyor using an electronic recording tachometer on Old South Head Road, North Bondi.

pictorial form, and comprises about 2,600 plans. However, the Parliamentary Public Accounts Committee now requires that these records also be kept in written form. To date, this has been accomplished for administrative properties and staff houses, which at the end of 1983-84 had a total value of \$61.5 million. The Department has investigated the problems associated with translating remaining real estate assets into written form and is now developing a computer-based system to provide the necessary information.

Tenanted Properties

Properties acquired for future roadworks are made available for tenancy at market rental until required for road construction. The income derived is applied to current road programs. At 30 June 1984, the Department owned 2,096 such properties and net income from rents for 1983-84 was \$4.5 million.

Residential properties available for rental are usually offered firstly to the Emergency Accommodation Unit of the Housing Commission of NSW. At present the Commission rents 337 of the Department's properties. If emergency accommodation is not required, and if no suitable tenant can be located by the Department, dwellings are placed in the hands of local estate agents to arrange and maintain a tenancy.

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

In keeping with the Government's

initiatives to reduce unemployment, the Department last year made available to the Housing Commission six residential properties which were considered uneconomical to repair. These properties will be restored by Building Apprentices Limited, an organisation to provide work for unemployed apprentices, and will ultimately be used for emergency accommodation by the Housing Commission.

Because of the growing importance of the Department's tenanted properties operations, a review of the management system was recently carried out with the aim of improving efficiency. Among its other recommendations, the review proposed that a computer-based system be introduced to provide more effective control. Design of the system has commenced and it is expected to be in operation by mid-1985.

Communication and Information Services

The Department's Communication and Information Services include telecommunications, data processing and an information systems consultancy.

Since the early 1960s, several major systems have been developed which are continuously maintained and processed on behalf of the user areas.

The foregoing include systems for calculation of salaries and wages; maintenance of superannuation and leave records; processing of infringements of

vehicle weight regulations; accounting for stores and materials; calculation of payments for contract haulage; accounting and financial reports; recording road related data and statistics; processing surveyors' field data; analyses for design of roads and bridges; recording and modelling traffic flows in road networks; processing laboratory test results; tracking movement of Departmental papers; and preparing five year construction plans.

The computing equipment available for the provision of these services includes a Sperry 1100/71, a CDC Cyber 172, three Honeywell minicomputers (DPS 6/74, Level 6/57 and Level 6/47) and several microcomputers. Additional equipment is on order to expand the capabilities of the Sperry mainframe and the Honeywell minicomputers, and consideration is being given to upgrading the Cyber.

At present, the Sperry computer primarily supports managerial and administrative users on 60 terminals in Head Office Sections, and an interface to the Telex Network permits all field offices to have access for data transmission. Specification of microcomputer equipment has been completed which, by providing field offices with local processing, will replace the need for data transmission by telex. As an interim measure, several microcomputers have already been installed in Divisional Offices for word processing and miscellaneous applications.

The Cyber computer principally supports engineering and other technical users through a network of 60 terminals in Head Office Sections and in ten of the Department's Divisional Offices.

The Honeywell minicomputers provide word processing facilities to 17 Head Office Sections and to the NAASRA Secretariat through a network of 35 terminals. In addition, they process a cataloguing system for the Library, a registration system for political correspondence, an interim rents system for Tenanted Properties Section, and the stock system at Central Workshop, Granville.

Development staff was engaged on tasks associated with the conversion from the Honeywell 2060A to the Sperry 1100, maintenance and enhancement of production systems, and with the development of the Personnel Data Base, a Treasury reporting system, a tenanted property control and information system and a re-designed wages system. Studies were also carried out on a road data base, a computing strategy for the next five years, a strategy for the future development of accounting systems and a comprehensive road design system.

Data preparation services were provided for users of the Sperry and Cyber computers and excess data preparation loads were sent out to commercial bureaux. Consultants were engaged to carry out a number of specific tasks in the systems design and programming area and further relief was provided by the attachment of four industrial trainees from the NSW Institute of Technology.

Materials Testing

The testing of materials is essential for many aspects of the Department's work, and increased construction activity is resulting in a greater demand for quality control testing. This is carried out at the Department's Materials and Research Laboratory, at Divisional Laboratories in major country centres, and in field laboratories at the site of major construction works.

The Materials and Research Laboratory has been registered by the National Association of Testing Authorities (NATA) for the testing of bituminous materials and mixtures, concrete and aggregate, and for the calibration of testing machines. Several Departmental officers have been appointed as assessors, providing an expert service to industry and the community.

Inferior or unsuitable materials must be identified at an early stage to avoid major failures or heavy maintenance costs in future years. Much of this type of testing is carried out on natural gravels for road pavements, as the depletion of reserves of good quality natural gravels has increased the need for non-standard gravels stabilised with cement or lime.

The evaluation of new construction materials and techniques continued during the year. An electro-hydraulic fatigue testing machine was acquired and commissioned to provide information on the durability of asphalt mixes. Specifications were developed for materials used in concrete pavement construction such as curing compounds, neoprene seals and debonding agents.

Formed-in-situ pavement markers and associated equipment were developed, and the Accelerated Loading Facility (ALF) machine was commissioned to provide information on the long-term capacity of road pavements to carry traffic (see 'Research and Development', page 58).

In the location of routes and the design of roads and bridges, information is required on the underlying rock and soil strata. Significant advances in this area have been made over the past year with the use of resistivity meters, which measure the electrical resistance of underlying strata, and seismographs which measure the velocity of sound waves passing through the strata.

Existing road pavements are monitored using equipment which measures such characteristics as skid resistance, surface roughness and deflection under load. Further development has taken place in the use of electronic processes to capture, store and analyse the data produced by road monitoring equipment, and an improved deflection measuring device is currently being designed.

Other tasks carried out in the past year include two major investigations into the causes of failures in road construction and the identification of appropriate remedial measures; foundation and slope stability tests involving the design of specialised equipment for use in swamp areas,

landslide zones and mine subsidence areas; and evaluation of acoustic emission to assess the stability of rock and soil slopes.

Energy Management

The energy management program within the Department has been broadly directed at conserving all forms of energy by eliminating waste and by encouraging the efficient use of energy. The main components of this program are:

- maintaining a target of total energy consumption at the 1978-79 level for at least five years;
- purchase of light, fuel-efficient passenger vehicles, and associated emphasis on motor vehicle fleet management;
- application of energy conservation concepts in design and construction and use of solar energy wherever justified.

The Department's total energy use for the past year shows an increase over previous years, but this reflects increased Departmental activity in field operations.

As a significant user of petroleum products, the Department continued to establish strategic stockpiles of liquid fuels and storage facilities with a capacity for forty days normal usage. The program within the County of Cumberland is virtually completed and will continue in rural districts as funds permit. Further savings in liquid fuel are being made by replacing oil fired boilers with gas fired module units.

As the electricity supply situation improved due to increased generating capacity and reliability during 1983-84, efforts in the Department have been directed primarily to continued monitoring, and general measures to improve efficient use of electricity and oil in building management. An example of this is the current replacement of the two manually operated DC lifts in Head Office with two automatic AC lifts. This upgrading coincides with the withdrawal of DC power in the city area and will produce a major saving in operating costs.

Library Service

The Library Service supports the research and information needs of the Department's staff. In practice, this means undertaking literature searches on both Australian and overseas data bases, circulating current books and journals, answering general and technical enquiries and providing information from worldwide resources. At 30 June 1984, the total holdings of Head Office and Divisional Office Branch Libraries stood at 83,218 publications.

In addition to serving Departmental staff Statewide, the service is also available for use by other libraries through the inter-library loan network and is open to the public; for example, Departmental Environmental Impact Statement studies are displayed and a general reference service for students and others is provided.

Legislation

Motor Vehicles (Pensioners Taxation and Registration) Amendment Act, 1984

The Motor Vehicles (Pensioner Taxation and Registration) Amendment Act, 1984 was assented to on 13 June 1984. This Act exempts 'eligible pensioners' who apply for registration of a motor vehicle from paying motor vehicle taxation and registration fees.

'Eligible pensioners' are persons who hold a Pensioner Health Benefits Card issued on behalf of the Commonwealth Department of Health by either the Department of Social Security or the Department of Veterans' Affairs, and hold a licence for which no prescribed fee was paid. If a pensioner does not hold a current 'no fee' driver's licence and seeks the exemption, the pensioner must produce a current certificate by a doctor certifying that he or she is not medically fit to drive a car, or must show to the satisfaction of the Commissioner for Motor Transport that for some reason the pensioner should be granted the exemption.

The scheme, which is administered by the Department of Motor Transport, is generally designed to allow the exemption on vehicles weighing less than two tonnes which are used for domestic purposes and solely or principally by pensioners. However, the Commissioner for Motor Transport may determine which other vehicles should receive the concession. The scheme applied to vehicles where the registration had effect on or after 1 July 1984.

Campbelltown Presbyterian Cemetery Act, 1984

The Campbelltown Presbyterian Cemetery Act, 1984 came into force on 6 June 1984. This piece of legislation was enacted to enable the construction of a road through part of the Campbelltown Presbyterian Cemetery after part of the cemetery land has been resumed and appropriated under the Main Roads Act, 1924. The road will form part of a traffic relief route around the commercial and retail centre of Campbelltown.

The legislation also ensures that, prior to construction of the road, the opportunity is given to relatives or descendants of any person buried in the relevant cemetery land to require that the remains of that person and any associated monument be transferred to another part of the cemetery.



Ordinance No. 30C (Local Government Act, 1919)

Ordinance No. 30C, which prescribes the load limits for vehicles using Main Roads, was amended by proclamation in the Government Gazette dated 2 November 1983.

The amendment provides for the payment of a fee to the Department for the issue of a permit exempting any vehicle specified in the permit from the operation of any provisions of the Ordinance.

The fees payable are:

- in respect of an exemption for a single specified journey \$20.00
- in respect of any other exemption \$50.00

The Moore-Oxley Bypass of Campbelltown (top of picture) is to be extended southwards by widening of the existing roadway. This will affect a small portion of Campbelltown Presbyterian Cemetery (centre).

Personnel and Administration

Personnel Branch

The Department's Personnel Branch was established in May 1983, and Miss Colleen Slattery was appointed as its Chief in January 1984.

The Branch comprises a number of Sections which were previously responsible to different Branch Heads. Now all related personnel functions, including industrial relations, recruitment, promotion and deployment, and fixation of salaries and wages have been consolidated and co-ordinated, with resulting management benefits.

An essential need of the integrated Branch is a comprehensive information system which could provide statistical data, as well as maintain personnel records on an individual basis.

To this end, a firm of consultants has been engaged to investigate available computer systems and to develop a data base which will readily supply information on positions and establishments, and on other principal issues in personnel administration. The data base is to be operational in the areas of workforce planning and statistical reporting by December 1984. Integration with existing systems, such as wages and salaries payroll systems, will follow.

An immediate task confronting the new Branch is a review of existing personnel policies, particularly in the areas of recruitment, promotion and conditions of service, to ensure that these reflect sound modern personnel practice and current Government initiatives. In this regard, the Department has already adopted the practice of advertising all promotional positions in the clerical and administrative classification, and increased advertising of positions is occurring for other classifications. Appointments are reflecting the greater emphasis being placed on fitness in the selection process.

Another concern is the development of an appraisal system that takes into account the multi-disciplinary nature of the Department. Its aim will be to match people with jobs in such a way as to improve performance, and enhance job satisfaction and career development. Personnel from the Australian Graduate School of Management will work with groups of Departmental staff on the design and initial implementation of a suitable program.

Employment Figures

The number of personnel directly employed by the Department at 30 June 1984 was 9,630. This represents an increase of 722 (or 8.11%) over the total at

Table 10. The Department's Workforce, 1983 to 1984

	At 30 June 1983	At 30 June 1984	Increase/Decrease	
			Number	%
<i>Salaried Officers*</i>				
Professional	1,384	1,482	+ 98	+ 7.08
Clerical	1,237	1,251	+ 14	+ 1.13
General	1,053	1,091	+ 38	+ 3.61
Traffic Signals Technicians	112	113	+ 1	+ 0.89
Sub-total	3,786	3,937	+ 151	+ 3.99
<i>Direct Wages Employees*</i>				
Skilled Tradesmen	736	806	+ 70	+ 9.51
Apprentices	221	209	- 12	- 5.43
Labourers	2,163	2,604	+ 441	+ 20.39
Plant Operators	743	780	+ 37	+ 4.98
Gangers	347	373	+ 26	+ 7.49
Survey Field Hands	130	142	+ 12	+ 9.23
Lorry Drivers	388	405	+ 17	+ 4.38
Tolls	85	92	+ 7	+ 8.24
Others	309	282	- 27	- 8.74
Sub-total	5,122	5,693	+ 571	+ 11.15
Totals	8,908	9,630	+ 722	+ 8.11

* Includes 101 part-time and casual personnel.

30 June 1983 and provides a partial indication of the extent to which the short term objective of stimulating employment was met. The figure 9,630 comprises 3,937 salaried officers and 5,693 wages employees. These figures are analysed in the accompanying table. They include all part-time and casual staff, but do not include a total of 30 people who were employed on special work schemes. (See 'Job Creation Schemes', page 64.)

In addition, 4,150 Council employees and 3,330 contractors' employees, including truck owner-drivers, were engaged on the

construction and maintenance of the Main Road network. Altogether, this gives a total workforce of approximately 17,100 for 1983-84.

Equal Employment Opportunity

Activities designed to promote Equal Employment Opportunity (EEO) continued to be an integral part of the Department's Training and Development program. Special EEO courses have been developed and, where appropriate, the topic is included in the content of other courses.

Table 11. Male/Female Distribution in Workforce, 1983 to 1984

	At 30 June 1983		At 30 June 1984	
	Males	Females	Males	Females
<i>Full-time</i>				
Salaried Officers	3,073	691	3,195	716
Direct Wages Employees	5,025	21	5,599	19
<i>Part-Time*</i>				
(20 hours per week and over)	2	11	8	29
(Less than 20 hours per week)	4	28	3	12
Totals	8,104	751	8,805	776

* Includes 101 part-time and casual personnel converted to 52 full-time equivalents.

In response to EEO Management Plan initiatives, the Department conducted its first residential management course for women during the year. Fifteen officers attended the course, held at Glenavon Lodge, Vacluse. Participants were given the opportunity to discuss and review management functions and techniques and to consider the effects of external influences on Departmental functions. Courses with similar objectives are scheduled for next year's Training and Development program.

The Equal Employment Opportunity grievance service continued to offer independent and confidential counselling by trained officers to personnel requiring guidance. This is a valuable support service, and the data obtained will be useful in establishing a basis for formulating possible policy changes.

In line with EEO Management Plan objectives, all vacancies for promotional Administrative and Clerical positions within the Department are now advertised internally.

Recognizing the role of the Women's Information Officer, the Department is expanding the scope of this position by encouraging regional appointments. Nominations are being sought, with a view to having a Women's Information Officer in each Division. This will provide a more effective network for the distribution of information about women's issues within the Department.

Industrial Relations

There were 13 industrial disputes during the year which resulted in work stoppages. These were local in nature and effect and involved 920 employees with a combined loss of 1,404 working days. This figure is 509 working days less than for the previous year. Causes of dispute included objection to working under a particular ganger and concern that retrenchment would follow the completion of certain works. All matters were resolved amicably.

Work stoppages were avoided in another 14 disputes which were settled either by negotiation or with the assistance of an Industrial Tribunal.

Other items of significance that occurred during the year were as follows:

- Agreements for a 38 hour week for Truck Owner-Driver's and for Departmental employees engaged under the Transport (State) Award were ratified by the Industrial Commission of New South Wales in October 1983.
- In December 1983, air conditioning units were installed in all caravans used by employees camped in the Murray Darling Division, following recommendation by a Conciliation Commissioner.
- All wages and salaries and associated allowances were increased by 4.3% from October 1983 and by 4.1% from April 1984, in accordance with National and State Wage Case decisions. Most other allowances were also adjusted by 4.3% from October 1983. Negotiations are

proceeding on allowances generally with regard to the April 1984 adjustment.

- In accordance with Memoranda of Agreement negotiated early in 1983 for an across the board 38 hour working week, consultative procedures at Works Offices were extended as they have been helpful in settling local issues.
- The Department has been applying the wage-fixing principles handed down by the Industrial Commission in October 1983, thereby demonstrating firm commitment to the principles.

Work Experience Programs

The Department continued its involvement in work experience programs for secondary school students throughout the State.

Almost 180 students in both city and country areas were attached to the Department for a period of up to one week, which allowed them to become acquainted with the duties of engineers, surveyors, drafting officers, clerks, typists, tracers, foremen, testing operators, plant operators and mechanics.

This first hand experience of the working environment often helps young people in their choice of a career, and the Department is pleased to assist them in this way.

Job Creation Schemes

The Department participated in a number of Government-sponsored job creation schemes to provide work experience for unemployed young people and other disadvantaged groups.

- *The State Youth Corps Scheme* made available a grant of \$350,000 in January 1983 to employ young people for one day per week over a 13 week period. The scheme had disadvantages for some participants as payment affected their

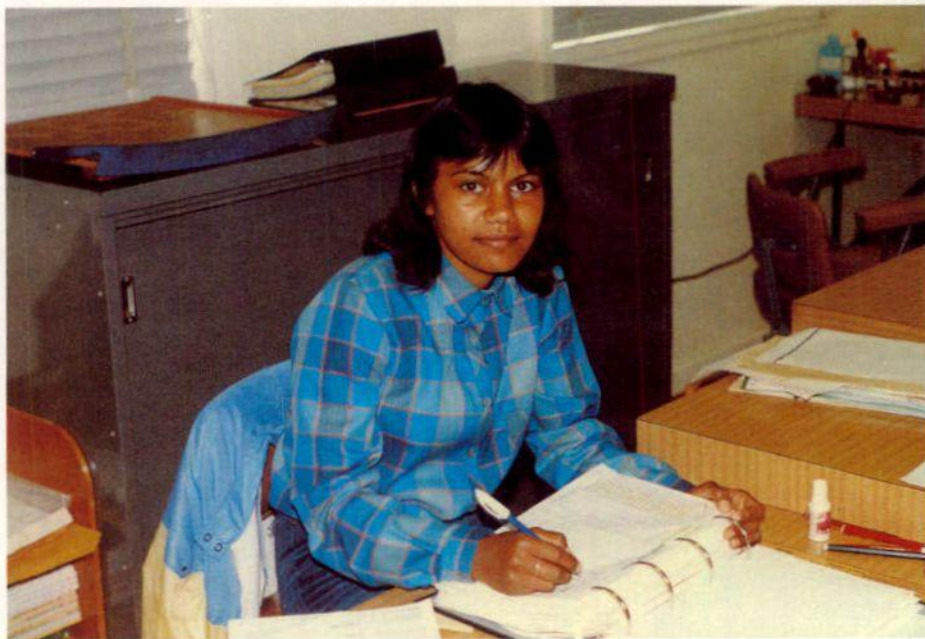
unemployment benefits and health cover cards. There was also a reluctance to become involved for just one day per week. For these reasons, the grant had not been fully expended by 30 June 1983. The Department requested that the conditions of the Scheme be varied and the remaining funds carried on into 1983-84. The Government subsequently approved the variation, resulting in 16 young people being employed for a period of 13 weeks full-time tree planting and landscaping.

- *The Youth Employment Scheme*, administered by the New South Wales Office of Special Employment, began in March 1984. A sum of \$69,930 was allocated for tree planting and environmental works. Upon referral by the Commonwealth Employment Service, the Department engaged 10 young people (who had not previously been employed) for a period of 17 weeks.

- *The State Government Youth Training Program* provided \$45,400 for the full-time employment of 12 trainees over a 17 week period. Duties were allocated in both clerical and field work to give trainees broad employment experience for either the public or private sector.

- *The National Employment Strategy for Aborigines* is conducted in co-operation with the Department of Employment and Youth Affairs. Nine aboriginal trainees were employed in the first quarter of the year. However, nominations from the Commonwealth Employment Service dwindled during the year and there is at present only one trainee, engaged in office duties.

Debbie Williams, employed at Wilcannia Works Office under the National Employment Strategy for Aborigines.



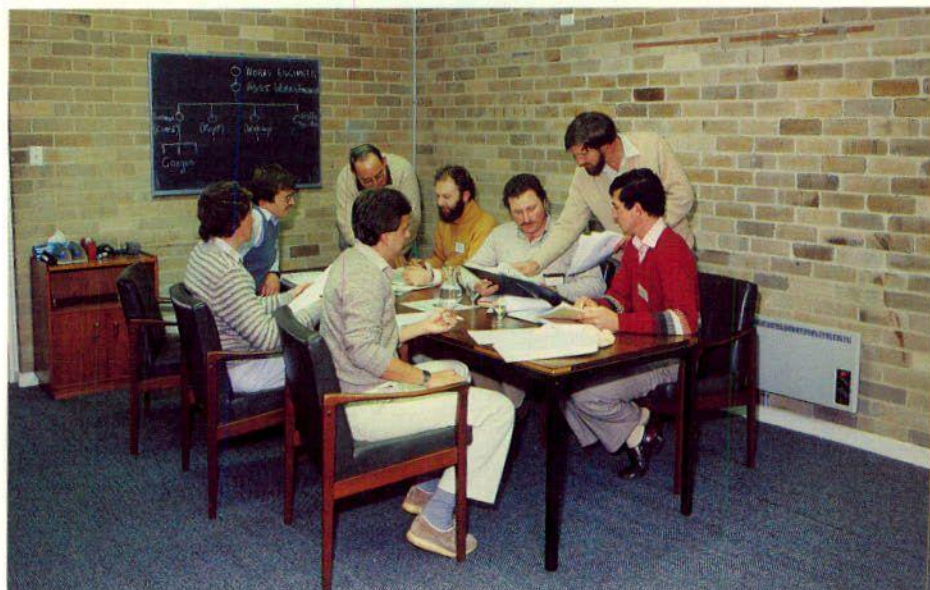
• **The Wage Pause Program** commenced in March 1983 with a Commonwealth allocation to the Department of \$5.1 million. The funds were made available for the employment of long-term unemployed people and other disadvantaged groups on labour intensive roadworks. The grant had not been fully expended by 30 June 1983, and was carried on into 1983-84. Up to 95 people were engaged at any one time on 15 separate projects throughout the State. Arrangements were made with the Government to continue employment until particular projects were completed, and this entailed additional expenditure of \$0.6 million.

Training and Development

The Department's Steering Committee on Training continued to plan and direct a program of training and development activities designed to equip officers with the skills, knowledge and attitudes necessary for effective performance. Technological advances and changed working procedures required the development of new training initiatives and extensive revision of many continuing courses.

Some 50 different types of courses were made available during the year, each designed to meet specific needs. Emphasis was placed on making maximum use of available resources in the pursuit of greater effectiveness. In technical courses the importance of adopting modern technology was stressed. Courses in the supervision and management of personnel emphasised the techniques of objective-setting and worker participation.

In the 1983-84 program, 1,439 staff attended 97 formal training courses conducted on a residential, full-time or part-time basis. Courses and attendance are summarised in Table 12.



The Department's internal training and development program was supplemented by courses of instruction provided by external educational and training institutions. Thirteen personnel attended courses at the Australian Administrative Staff College and the Institute of Administration, University of New South Wales. A further 294 personnel attended seminars, workshops and courses related to a variety of Departmental activities. Sixty officers were sponsored to full-time degree courses in Civil, Electrical and Mechanical Engineering, Business Studies and Commerce. Assistance was provided to an additional 300 officers undertaking part-time studies in certificate, diploma and degree courses.

Technical Training Activities

Extensive on-the-job instruction is constantly undertaken within the Department. The School of Plant Instruction

The Department's Training Section provides courses in many areas, including this one in industrial relations for engineering staff.

gave 956 operators practical training in the field operation and maintenance of 18 different types of plant, machinery and motor vehicles. The four Plant Instructors also assisted with the preparation of charts for the servicing and maintenance of newly purchased plant items. Asphalt Section staff presented lectures on asphalt and sprayed bituminous sealing at in-service training courses for Engineers, Scientific Officers, Testing Laboratory Operators and Foremen. In addition, preparation began on a regional seminar entitled 'Asphalt Work — Field Procedures and Supervision', which will be conducted throughout Divisions during 1984-85.

Table 12. Training Courses and Attendance

Category	Description	Number of Courses Held		Personnel Attending					
		1982-83	1983-84	1982-83			1983-84		
				Males	Females	Total	Males	Females	Total
Induction	For new staff, i.e. personnel induction and introduction to Departmental procedures.	1	4	2	6	8	54	30	84
Equal Employment Opportunity (EEO)	EEO related, e.g. EEO responsibilities for supervisors, EEO regional seminars.	23	15	196	146	342	144	58	202
Technical	Specialist, e.g. bridge construction, pavement design, computer usage.	47	43	789	32	821	691	28	719
Administrative	Departmental administration and procedures.	2	3	37	0	37	41	3	44
Personal Skills	e.g. correspondence preparation, dictation techniques, interviewing skills.	26	17	226	35	261	131	45	176
Management	Supervisory and managerial skills.	13	15	170	11	181	182	32	214
Totals		112	97	1,420	230	1,650	1,243	196	1,439

Apprentices

The Department indentured 51 apprentices in the last intake (compared to 47 last year), bringing the total number employed in 16 different trades to 211. Fifty-six apprentices completed their training at the end of 1983 and, although the Department trains well in excess of its needs, more than 60% were retained in employment.

Departmental apprentices won a number of awards during the year, including a Leading Apprentice in New South Wales Award in the craft of Plant Mechanics, and Technical College Awards in the crafts of Plant Mechanics, Carpentry and Joinery, Sheet Metal Working, Bricklaying, Electrical Fitting/Mechanics, Plumbing, Gas Fitting and Draining, and Signwriting. Peter Crapp, apprentice Carpenter and Joiner, won the Department's Brian Sexton Apprentice of the Year Award.

Health and Safety

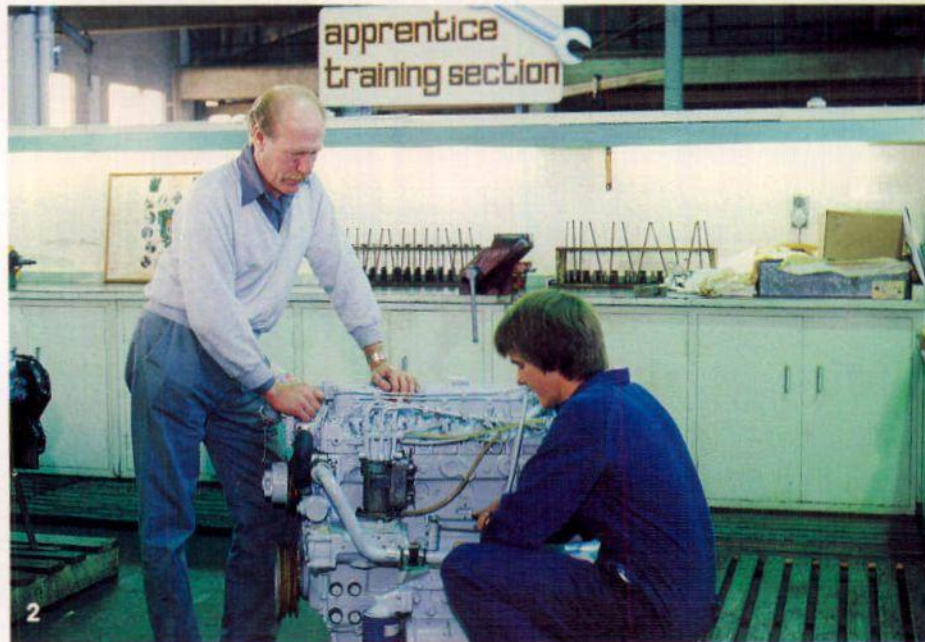
Proclamation of the Occupational Health and Safety Act in May 1983 has resulted in the establishment of Health and Safety Committees throughout the Department's various organisations. This is expected to lead to an increase in the number of suspected hazard areas being brought to notice and, consequently, an increase in the number of investigations required. Steps are being taken by the Occupational Health Service and the Executive Safety Committee to monitor and meet these needs.

Occupational Health Service

The Occupational Health Service aims to promote and maintain a high degree of physical and mental well-being among the Department's personnel. It is headed by an Occupational Health Nurse who works in close liaison with a Safety Officer and a First Aid Instructor.

During the year, a total of 684 staff attended or contacted the Occupational Health Centre in the Department's Head Office for consultation or treatment of injury or illness. Many availed themselves of the counselling service for problems such as stress which may affect health and performance of duties.

Generally, patients requiring further advice or treatment were referred to their own medical advisers or to a specialist, according to their specific needs.



1. Apprentice signwriter, Vicki Stevens, at work in one of the 16 trades in which the Department trains apprentices.

2. Watched by his instructor, Phil Mason, apprentice Plant Mechanic David Harris finishes his first Perkins engine overhaul.

3. Traffic safety equipment in use during construction work on King Georges Road at Wiley Park.

Training programs on health education are an important aspect of the service, with 178 officers of different classifications attending sessions throughout the year. Several programs on health education and on specific problems such as back injuries were held in field locations. In addition, films and seminars given by representatives of various health organisations proved to be a popular lunch-hour activity at Head Office.

First aid attendants in offices and on work sites throughout the State continued to receive initial training and retraining to ensure a high standard of first aid knowledge. The Department received recognition from the St John Ambulance Association on the occasion of the one-thousandth employee receiving a new or renewed certificate.

The Occupational Health Nurse, in co-operation with the Safety Officer, continued investigation into workplace hazards resulting from the use of suspected dangerous materials. These include toxic chemicals, laser equipment and nuclear moisture density meters. With the proliferation of visual display units in the organisation, increasing numbers of users are taking advantage of vision tests provided by the Service.

To assist in the implementation of the Occupational Health and Safety Act, the Occupational Health Service has been placed within the Engineer-in-Chief's Branch to shift the accent towards Departmental field operations and so that activities can be better co-ordinated with those of the Safety Officer and First Aid Instructor. An additional Occupational Health Nurse will be appointed in the near future to assist with the anticipated increase in workplace inspections and other activities.

Safety and Accident Prevention

In pursuing the objectives of the Occupational Health Act, the Department strives to ensure the health, safety and welfare of all its workers. The industrial safety statistics shown in Figure 12 on page 9, show a slight improvement in recent years, although not enough to conclusively reverse the slight general upward trend. However, this is believed to be more a result of a heightened awareness of industrial safety (leading to increased reporting of accidents) than to lower industrial safety.

Accidents in the workplace during 1982-83 (the last full year for which statistics are available) resulted in a total of 821 lost-time injuries. This represents a lost-time frequency rate of 65.72 injuries per million working hours. None of the accidents was fatal, but injuries resulted in a loss of 15,194 working days. Twelve serious worksite accidents were investigated and reports were submitted for discussion and action where necessary. The 1981-82 figures were 1,060 lost-time injuries representing 62 injuries per million working hours.

The Safety Officer and Safety Inspectors conducted 500 worksite inspections throughout the State to ensure that safe

working practice and statutory requirements are being adhered to. This represents about two-thirds of the number of desirable annual inspections. However, one position of Safety Inspector was vacant for part of the year, which meant that field activities were somewhat curtailed. That position has now been filled and activities are expected to be at full strength during 1984-85.

The hearing protection program was presented to 1000 wages employees during the year, and it is expected that all wages employees will have attended the lectures by the end of 1984. At the same time, noise assessment of plant items continued, with 30 types of plant being tested for operator noise levels.

The office safety program was presented to over 250 employees, and a safety segment was included in 10 in-service training courses involving 185 employees. The Department is encouraging the formulation of safety committees in all Works Offices and Divisional Offices.

The Department's Executive Safety Committee is continuing to monitor the new Occupational Health and Safety Act and will take appropriate action accordingly. The Committee has proposed the inauguration of safety incentive awards for Departmental personnel and this idea is under consideration.

Management Reviews and Services

Review Teams

The purpose of the Review Teams is to improve operational effectiveness and efficiency within the Department through a study of its systems, methods, working relationships and organisational structures.

During the year, the method of review has been altered to encourage greater participation by officers in the areas being reviewed and there has been a greater involvement of the Review Teams in implementation of recommendations.

Areas which have been reviewed recently and where improvements are being introduced include:

- microfilming and computer indexing of vouchers, plans and other documents, which has enhanced retrieval systems, reduced storage areas, and led to a reorganisation of the Plan Room;
- changes to the 1985 annual contract plant hiring system will cut costs for the Department. The new system will also save time for both the Department and contractors, and provide a system for checking that plant supplied is safe and in sound working condition;
- tree planting schemes where improved planting and maintenance methods have reduced high loss rates.

Management Liaison

The role of the Management Liaison Section is to research and resolve administrative problems, and act as a specialist aide to the Secretary.

Various administrative areas were

examined during 1983-84 with the following results:

- clerical and keyboard staffing levels in field offices have been adjusted to match existing workloads;
- rationalisation of telephone equipment in Head Office and the field has brought savings in time and money;
- more efficient mail and courier systems have been introduced;
- Departmental publications have been more realistically priced;
- insurance requirements will be centralised to increase efficiency and reduce costs;
- the establishment of an Administrative Services Section in Head Office has provided a more effective and efficient unit at line management level;
- centralising word processor management is increasing the efficiency of operators.

New Branch Heads

Two new Branch Heads were appointed during the year.

Chief Accountant

Mr E.J. Hanlon, F.A.S.A.

A Fellow of the Australian Society of Accountants, Mr Ted Hanlon was appointed Chief Accountant in January 1984, following the retirement of Mr E.C. Cooper. Mr Hanlon began his Departmental career in 1943 as a clerk in the Accounts Branch. Following service in the R.A.N.R. from 1945 to 1947, he resumed his former duties, and then completed an accountancy course at Sydney Technical College. Mr Hanlon served in various field office and head office locations and later held senior positions in the Accounts Branch, while undertaking cost accounting studies. He was appointed Cost Accountant in March 1974, Accountant (Funds) in March 1976 and Deputy Chief Accountant in April 1977. Later in 1977 he attended an advanced management course at the Australian Administrative Staff College, Mount Eliza.

Chief, Personnel Branch

Miss C.J. Slattery, B.A., M.Ed.Admin.

Miss Colleen Slattery joined the Department in January 1984 as Chief of the recently formed Personnel Branch. She has had extensive experience in the field of secondary education, both as teacher and administrator. In 1977 Miss Slattery was appointed Staff Development Officer in the Housing Commission of New South Wales and subsequently became the Manager of the Commission's Allocation Branch. In 1981 she joined the Department of Motor Transport and established a Personnel Branch within that organisation. Miss Slattery holds Bachelor of Arts and Master of Educational Administration degrees from the University of New England, and recently completed a diploma course in counselling. She is a member of the Employment Relations Course Advisory Committee for the New South Wales Institute of Technology and of the Royal Institute of Public Administration.

Commissioners and Branch Heads

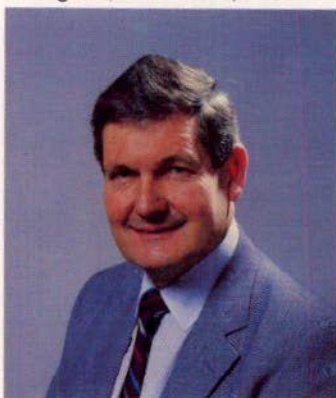
Commissioner

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



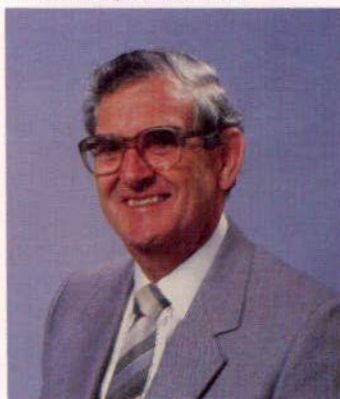
Deputy Commissioner

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



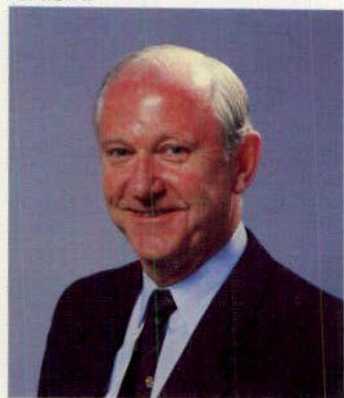
Engineer-in-Chief

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



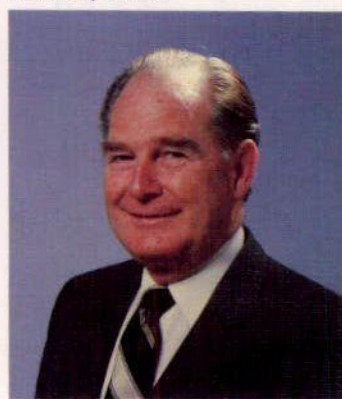
Secretary

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



Chief Accountant

Mr E.J. Hanlon
F.A.S.A., C.P.A.



Chief Legal Officer

Mr K.B. Ford



Chief, Personnel Branch

Miss C.J. Slattery
B.A., M.Ed.Admin.



Senior Officers

Engineer-in-Chief's Branch

Deputy Engineer-in-Chief (Planning & Design)
Deputy Engineer-in-Chief (Operations)
Chief Engineer (Bridges)
Chief Engineer (Services)
Chief Engineer (Traffic & Design)
Engineer for Programmes and Budgets
Highways Engineer
Principal Mechanical Engineer
Research and Development Engineer
Bridge Engineer (Design)
Bridge Engineer (Operations)
Road Design Engineer
Traffic Engineer
Advance Planning Engineer
Engineer for Country Councils' Works
Materials Engineer
Rural Investigations Engineer
Urban Investigations Engineer
Asphalt Engineer
Contract Administration Engineer
Graphic Services Manager
Principal Surveyor and Property Officer
Principal Architect
Principal Planner

V.P. O'Grady
E.W. King
B.J. Pearson
K.W. Dobinson
B.H. Butcher
P. Moore
C.N. Penney
S.P. Scrivener
A. Leask
A.R. Smith
P.G.L. Wolfe
R.A. Dunstan
D.F. Watson
D.H.L. Francis
J.H. Dearden
G.S. Donald
W.L. Gordon
K.M. Anderson
J.A. Walker
R.L. Jones
A.W. Emery
A.J.R.M. Watson
R.G. Hobday
B.J. Watters

Secretarial Branch

Deputy Secretary
Assistant Secretary
Assistant Secretary

K.D. Hadley
*
J.H. Tarleton

Accounts Branch

Deputy Chief Accountant (Finance)
Deputy Chief Accountant (Operations)
Group Accountant (Operations)
Group Accountant (Funds)
Auditor
Administrative Officer (Tollworks)

* (K.B. Kerr appointed 4.7.84)
* (D.R. Williams appointed 4.7.84)
R.S.J. Price
*
N. Hunziker
N.P. Drumgold

Personnel Branch

Assistant Chief, Personnel Branch (E&T)
Assistant Chief, Personnel Branch (A&C)

J. Kelly
D.P.B. Jones

Legal Branch

Deputy Chief Legal Officer

* (T.J. Hagan appointed 10.7.84)

Policy & Economics Unit

Chief, Policy & Economics Unit

P.J. O'Neill

Communication & Information Services

Communication & Information Services Manager

T.M. Liptak

* positions vacant as at 30 June 1984.

Divisional Engineers

Sydney Division
Parramatta Division
Blacktown Division
Central Mountains Division
Illawarra Division
Hunter Valley Division
Lower North Coast Division
North Eastern Division
Upper Northern Division
North Western Division
Central Western Division
Central Northern Division
Murray Darling Division
Central Murray Division
South Western Division
South Coast Division
Southern Division
Outer Freeway Construction Division

L.R. James
R.A. Dubedat
G.A. Cruickshank
G.J. Vidler
P.B. Sheil
L.J. Bonnefin
F.E. D'Adam
N.W. Russell
W. Choy
J.R. Jordan
J.R. Gowing
R.L. Smythe
D.L. Pook
J.R.M. MacBride
A.G. Kennedy
G.J. Ross
A. Tinni
M.R. Foster

Other Activities

Community Relations

The Department seeks to maintain good community relations and to provide an efficient information service about its proposals and operations. Members of the public who are interested in or concerned about road matters are invited to telephone or call at the Public Relations Section. The public is also welcome to use the Department's Library for reference purposes. There are also reception counters on other floors dealing with special matters such as property enquiries or requests to view approved plans (see inside back cover of this Report for locations and telephone numbers).

During next year a new public relations 'shop-front' will be opened, adjacent to the main Head Office entrance foyer. Publications, displays, scale models and an enquiry centre will be provided to make it easier to obtain details of what the Department is doing or planning to do.

Written requests for detailed information about the Department's activities, or for guest speakers, should be addressed to the Secretary of the Department, or to the local Divisional Engineer (see addresses on inside back cover of this Report and on the enclosed map).

The Department produces an interesting range of maps and publications dealing with both present and past roadbuilding projects, and most are free of charge. As well as the 1982-83 Annual Report (which won a bronze award from the Australian Institute of Management), the year's publications included issues of *Main Roads* (the Department's quarterly journal), the 1984 edition of *Main Road Maps of New South Wales*, and brochures on the *Blue Mountains Road Improvement Program*, the *Tumblong Deviation of the Hume Highway south of Gundagai*, the *F3 — Sydney-Newcastle Freeway* and the *\$5 Billion Five-Year Road Program for New South Wales*.

The Public Relations Section maintains an extensive collection of colour transparencies and black and white photographs of roads and bridges, and copies of these can be purchased. There is also a library of 16 mm films which are available for loan to interested groups, and a film catalogue is obtainable on request.

Displays are another helpful way of letting the community know what is happening in the roads area. The Department's stand at this year's Royal Easter Show in Sydney was particularly successful, with a theme of 'Roads of the Future', based on the State Government's \$5 Billion Five-Year Road Program. Displays were also mounted during the year at three country shows

(Broken Hill, Wollongong and Glen Innes), various other Sydney venues and a number of media conferences. There is a growing use of artist's impressions, based on aerial photographs, to show clearly how future projects will look when completed.

International Interchange

A valuable exchange of specialised knowledge and skills continued with other nations during the year.

In August 1983, the Department was represented by Deputy Engineer-in-Chief (Operations) Mr Eric King at the 'New Zealand Roading Symposium 1983' in Wellington. At the request of the Organising Committee, Mr King presented a paper on the construction and quality control of concrete pavements. Very little work of this nature has been done in New Zealand.

Also in August, Departmental engineer Mr John Brett (Engineer-Manager, Materials and Research Laboratory) attended the 4th International Conference of the Road Engineering Association of Asia and Australasia in Jakarta, Indonesia. Two papers of which Mr Brett was co-author were selected for presentation and publication at the conference: 'Pavement Crack Evaluating Using Photo Type Techniques', and 'Optimisation of Equipment for Testing Road Materials, Construction and Condition'.

Technical discussion of traffic control was the purpose of a visit to Hong Kong in May 1984. Departmental engineers Mr Arthur Sims (Traffic Systems Manager) and Mr Alan Finlay attended talks between Philips Industries Limited and the Hong Kong Government regarding the supply and installation of an area traffic control system in Hong Kong. Mr Sims and Mr Finlay were

involved in the development of the Sydney Co-ordinated Adaptive Traffic System (SCATS), on which a tender by Philips Industries Limited for the Hong Kong system was based.

During the year, the Department was pleased to act as host to 13 overseas visitors who stayed for periods ranging from 10 days to three months. Among the visitors were nine Burmese engineers who were attached to Mechanical Section, Materials Engineering Section, Goulburn Works Office and Outer Freeways Construction Division, to learn methods and procedures in their areas of specialisation. Four Indonesian engineers made an inspection of bridge construction and maintenance works at various locations in New South Wales.

National Association of Australian State Road Authorities

The Association, usually known as NAASRA, comprises the authorities responsible for roads in the six States and the Northern Territory, and the Australian Capital Territory. It provides a central organisation with the aim of achieving a uniform approach to the development and improvement of the Australian road network. Through its publications and through the meetings of its various committees, NAASRA is able to co-ordinate road and bridge design standards in both maintenance and construction.

The Department's display at the 1984 Royal Easter Show drew thousands of interested onlookers.



Three meetings of the Association were held during the year, attended by the heads of the member authorities. The Principal Technical Committee also met and was assisted by meetings of various specialist technical committees. Subjects dealt with included bridge engineering, computers, materials engineering, plant and equipment, road design, traffic engineering, and road construction and maintenance practices.

There was also a meeting of the Secretarial and Accounts Committee which is concerned with the development of improved administrative and management practices.

Publications issued during the year include *Explosives in Roadworks*, *Road Signs and Markings*, *Australian Roads 1983*, *Prestressed Concrete Inspection Practice and Grade Separated Interchanges*. A full list and the publications themselves are obtainable from the Department's Head Office.

The NAASRA Roads Study, covering all classes of roads in Australia, was completed in early 1984 (see 'Planning Data', page 33).

The cost of NAASRA's operations during 1983-84 was \$995,400, of which the Department contributed approximately \$172,000.

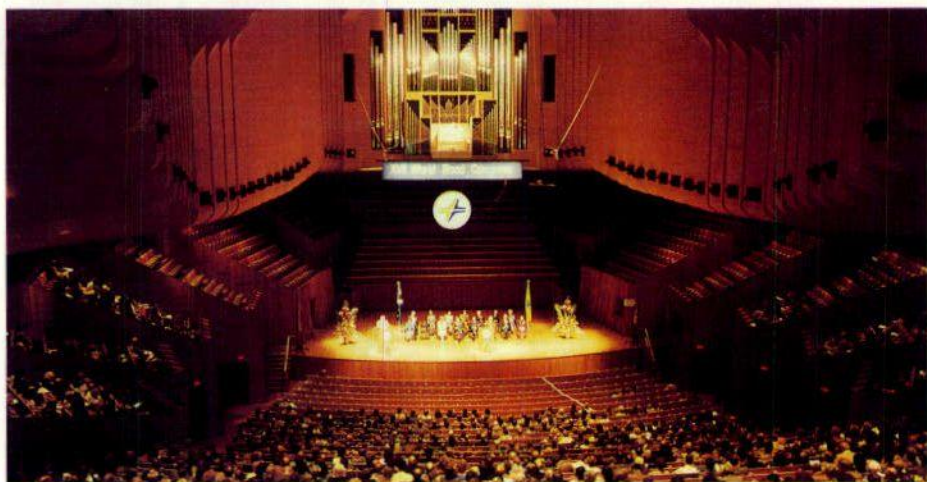
The NAASRA Secretariat is on the 5th floor of the Legal and General Building, 2 Dind Street (P.O. Box 489), Milsons Point, NSW 2061. Telephone (02)957 6188. Written enquiries should be addressed to the Engineer-Secretary.

Australian Road Research Board

The Australian Road Research Board (ARRB) is the country's national road research centre. Its information services publish and disseminate papers and articles to appropriate organisations and specialists involved in the design, maintenance and construction of roads. Chief among the publications are the *Australian Road Index* and *Australian Road Research in Progress*. The Board also provides on-line access to the International Road Research Documentation facility through its computer-based information system. Thus research and investigative efforts are co-ordinated and optimum use made of available funds.

The Board's policy is guided and reviewed by a board of directors comprising the executive heads of the sponsoring road authorities, including Mr Bruce Loder, Commissioner for Main Roads, New South Wales. The 1983-84 annual budget was \$4.57 million, of which an amount of \$702,200 was contributed by the Department.

During the year, the Board provided electronic load measuring and data recording equipment for use with the accelerated loading facility (ALF), built by the Department (see 'Research and Development', page 58). ARRB will be responsible for the operation of the facility and its use in pavement testing throughout Australia.



Through the efforts of ARRB and the various State road authorities, a strategy for pavement research has been drawn up, including the development by the Board of highway speed axle load measuring equipment known as the Electronic Mass Unit (EMU). This equipment will assist in the analysis of loads actually being applied to road pavements.

Various workshops and symposia were conducted during 1983-84. The Board also continued to assist with projects in developing countries, and to play a significant role in the Road Engineering Association of Asia and Australasia. By June, planning was well advanced for the 12th ARRB Conference to be held in Hobart during August 1984.

Requests for information about any of ARRB's activities should be addressed to The Executive Director, Australian Road Research Board, P.O. Box 156 (Bag 4), Nunawading, Victoria 3131. Telephone (03)233 1211.

Permanent International Association of Road Congresses

The XVII World Road Congress of the Permanent International Association of Road Congresses (PIARC) was held at the Sydney Opera House from 8 to 15 October 1983. It was the first World Road Congress ever hosted by Australia and was only the second time in over 70 years that the Congress had been held in the Southern Hemisphere.

Proceedings began with the official opening by the Governor-General of Australia, Sir Ninian Stephen. In attendance were almost 1400 delegates and over 400 accompanying persons from 82 countries, representing the world's foremost road engineers, administrators and economists.

Discussion centred on technical reports submitted under five nominated areas: earthworks, drainage and subgrade; construction and maintenance of pavements; inter-urban roads and motorways; roads in urban areas; and roads in developing regions. Delegates could also participate in a workshop on surface water drainage and two special discussion groups concerned with energy

The opening session of the XVII World Road Congress took place at the Sydney Opera House on Monday, 10 October 1983.

savings and the impact of roads on economic and social life. In addition, 11 on-going technical committees continued their investigations in the broad areas of construction, improvement, maintenance, use and economic development of roads.

Conclusions of technical discussions and committees were presented at the closing session of the Congress by Mr Donald Aitken, Congress General Reporter and Commissioner of Main Roads, Western Australia.

Among highlights of the week was ROAD '83, the International Trade Fair and exhibition of road equipment at the Royal Agricultural Society's Showground in Sydney. The Fair was opened by the Hon. Peter Morris, M.H.R., Commonwealth Minister for Transport and President of the Australian Organising Committee of PIARC. Also popular with delegates were inspections of works in progress outside Sydney — in particular, the Mooney Mooney Creek Bridge on the route of the F3 — Sydney-Newcastle Freeway.

After the Congress, many participants embarked on one of four study tours which provided the opportunity of inspecting a variety of Australian road and bridge works in areas of widely differing climate and terrain.

Army Reserve

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 the 101 Construction Squadron and 108 Plant Squadron.

The annual camp was held at Cataract Park, near Appin, where the two squadrons undertook military training in conjunction with construction of facilities at the site of the World Scout Jamboree, to be held in 1988 as part of the Bicentennial Celebrations.

The Classified Road System

There are approximately 205,000 km of public road in New South Wales. The total length for which the Commissioner for Main Roads had full or partial financial responsibility at 30 June 1984 was 42,637 km, including 6,200 bridges.

The remaining 162,300 km of public road are the responsibility of the local Councils in whose areas they are situated.

The accompanying tables show lengths of road types in general, freeways, types of surface and sealed single and dual carriageway as at 30 June 1984.

Types of Road Referred to in this Report

Freeways are roads which are primarily for through traffic and which have a divided carriageway 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 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 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 financial 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.

Road Lengths

Table 13. Lengths of Freeway at 30 June 1984

	km
F1 — Warringah Freeway, Cahill Expressway and Sydney Harbour Bridge	7
F3 — North Western Freeway and Sydney-Newcastle Freeway	56
F4 — Western Distributor and Western Freeway	34
F5 — South Western Freeway	64
F6 — Southern Freeway	39
F8 — Wollongong Northern Suburbs Distributor	1
Total	201

Table 14. Types of Road and Lengths at 30 June 1984

	km
Freeway	201
State Highway	10,264
Trunk Road	7,098
Main Road	18,352
Secondary Road	292
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
Total	42,637

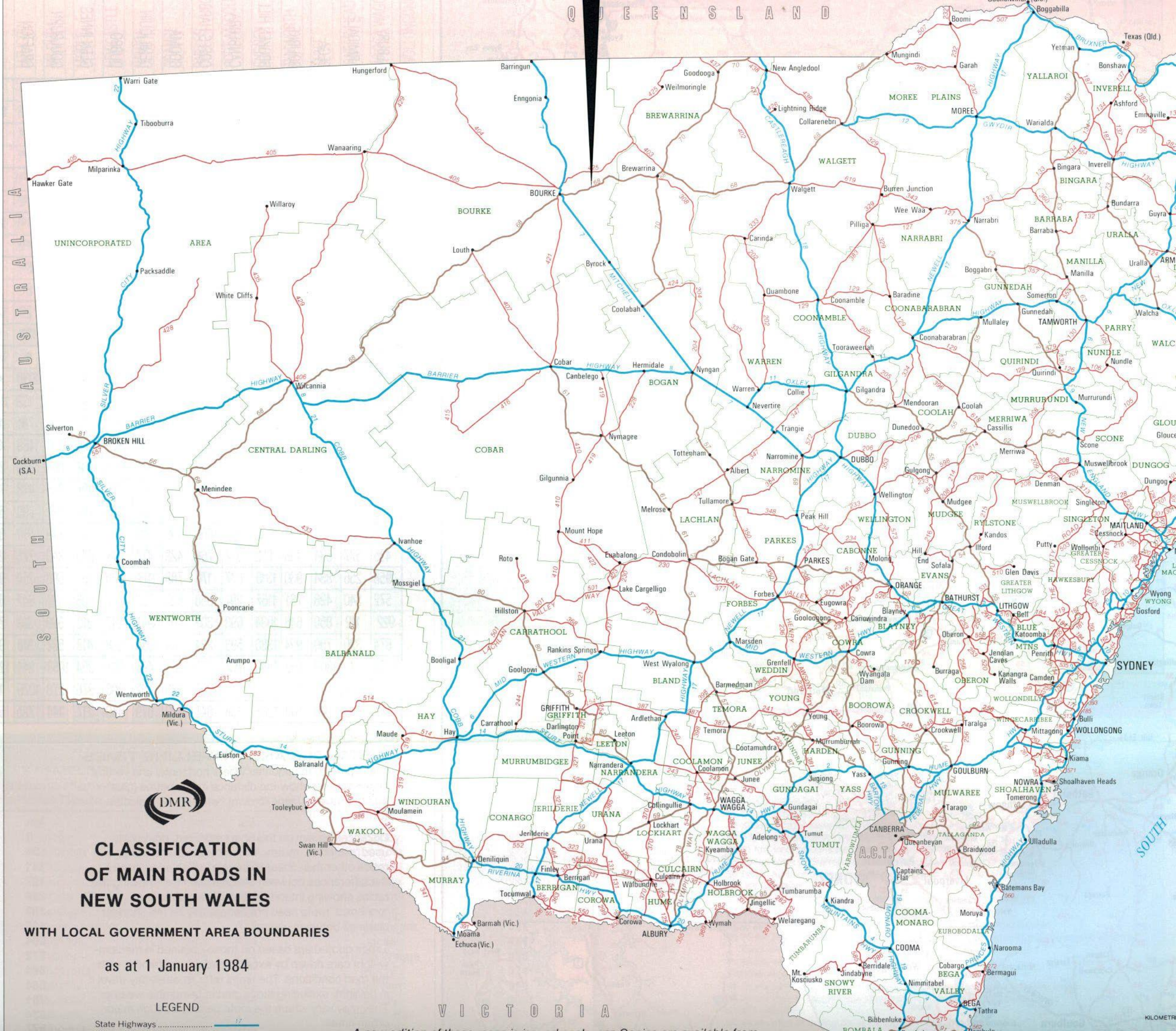
Table 15. Types of Surface at 30 June 1984

	km
Natural surface	954
Formed only	6,293
Gravel	9,538
(Total Unsealed)	(16,785)
Primed/primer seal	323
Sprayed seal	22,321
Enrichment reseal	795
Asphaltic concrete	2,258
Cement concrete	155
(Total Sealed)	(25,852)
Total	42,637

Table 16. Lengths of Sealed Road at 30 June 1984

	km
Single Carriageway	24,985
Dual Carriageway	867
Total	25,852

This Report was tabled in Parliament on 31 October 1984 and was available to the Public immediately thereafter.



CLASSIFICATION OF MAIN ROADS IN NEW SOUTH WALES

WITH LOCAL GOVERNMENT AREA BOUNDARIES

as at 1 January 1984

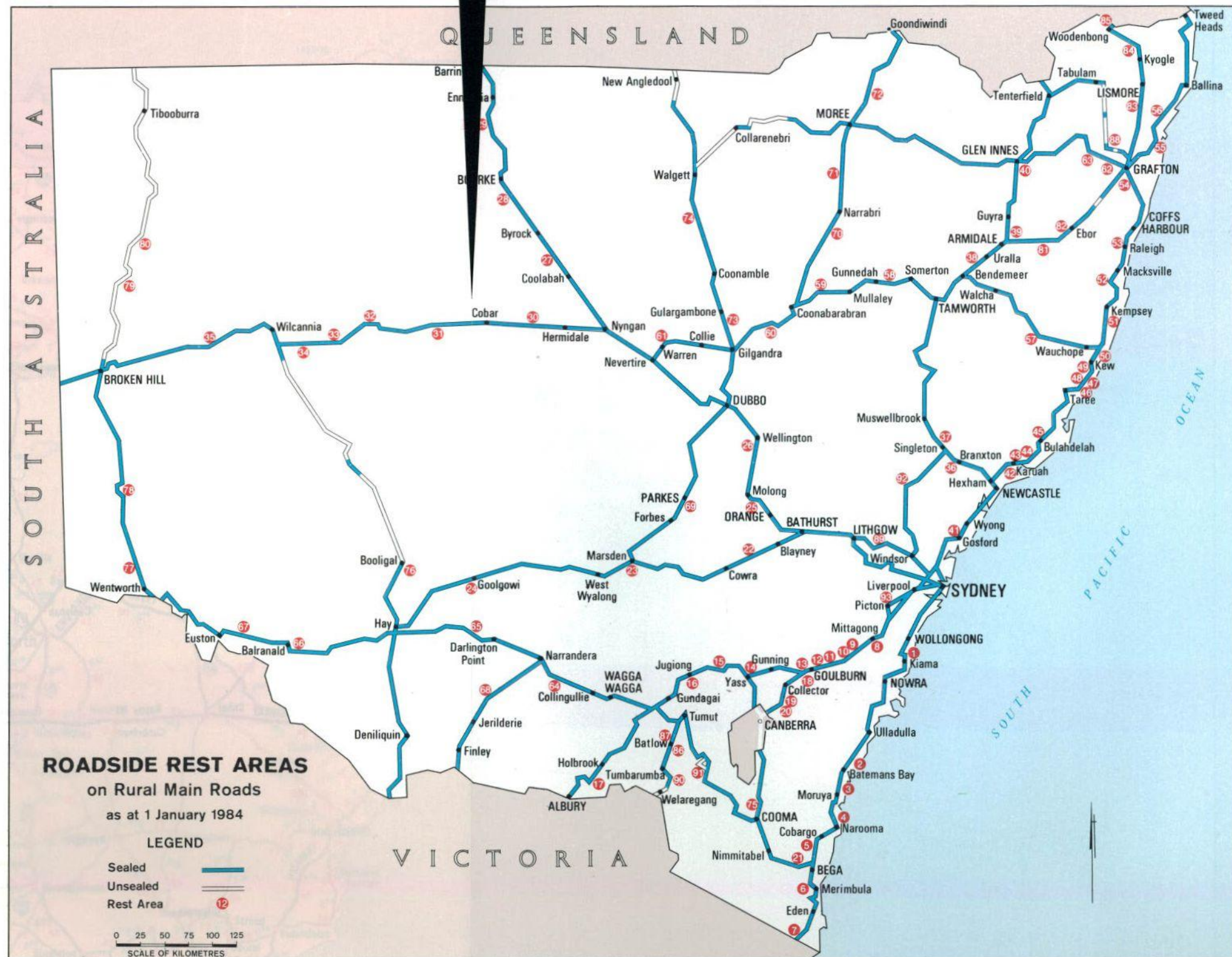
LEGEND

State Highways 17

V I C T O R I A

KILOMETRE

Roadside Rest Areas



ROADSIDE REST AREAS

The roadside rest areas listed here are those on principal rural main roads in New South Wales. Most of them have been established by the Department of Main Roads, in co-operation with various authorities, including the Department of Local Government, Department of Lands, Forestry Commission, National Parks and Wildlife Service, and Shire and Municipal Councils.

Also included are some rest areas constructed and/or maintained by these organisations and others (such as service clubs).

Many rest areas have been located to take advantage of local beauty spots or outstanding viewpoints, as well as shade and shelter. In some cases landscaping has been carried out to enhance the site. Most have been supplied with shelters, tables, seats, fireplaces, firewood, drinking water and litter bins. All rest areas have safe entrance and exit facilities and are sign-posted to encourage drivers to break their journey in pleasant and non-hazardous surroundings.

The rest areas are numbered in series along each road with listed locations related to the closest well known towns.

LOCATIONS

43 4 km north of Karuah and 39 km to Bulahdelah.

44 6 km north of Karuah at Yalimba Creek and 37 km to Bulahdelah.

45 2 km north of Bulahdelah at O'Sullivan's Gap and 64 km to Taree.

46 12 km north of Taree at Blackbutt Forest and 38 km to Kew.

47 18 km north of Taree at Breakneck Forest and 32 km to Kew.

48 19 km north of Taree at Breakneck Forest and 31 km to Kew.

49 33 km north of Taree at Moorland and 17 km to Kew.

50 8 km north of Kew at Bago Road and 62 km to Kempsey.

51 62 km north of Kew at Maria River and 8 km to Kempsey.

52 40 km north of Kempsey at Allomera and 14 km to Macksville.

53 6 km north of Raleigh and 16 km to Coffs Harbour.

54 81 km north of Coffs Harbour and 3 km to Grafton.

55 45 km north of Grafton near Maclean turnoff and 51 km to Woodburn.

56 86 km north of Grafton near New Italy turnoff and 47 km to Ballina.

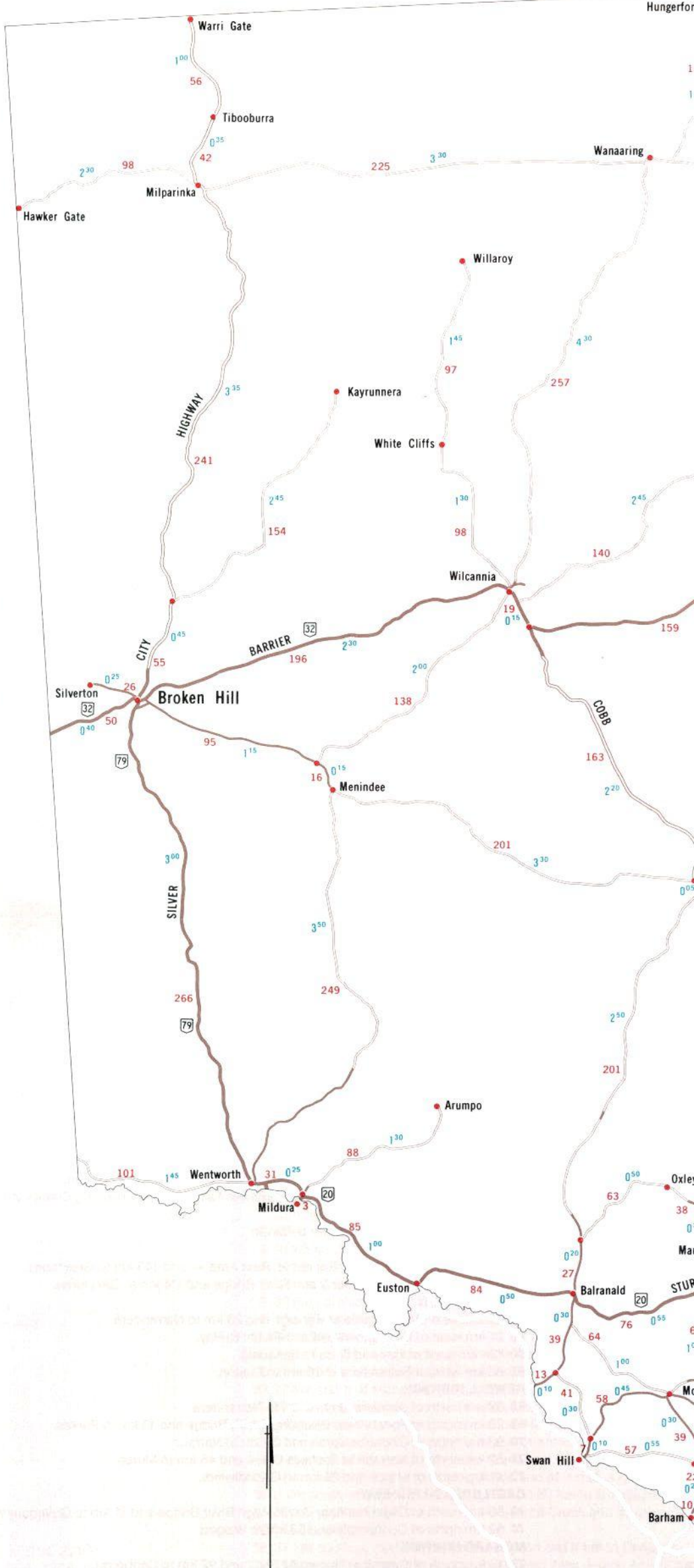
OXLEY HIGHWAY

57 81 km west of Wauchope at Stockyard Creek and 92 km to Walcha.

58 27 km west of Somerton and 13 km to Gunnedah.

59 37 km west of Mullaley near Rocky Glen and 32 km to Coonabarabran.

60 30 km south of Coonabarabran near Hickey's Falls (Wallumburrawong Creek) and 56 km to

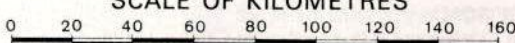


LEGEND

- Distance in kilometres between red circles 45
- * Travelling time in hours and minutes between red circles 0³⁵
- National Routes 31
- State Routes 33
- Sealed Roads ———
- Unsealed Roads ———

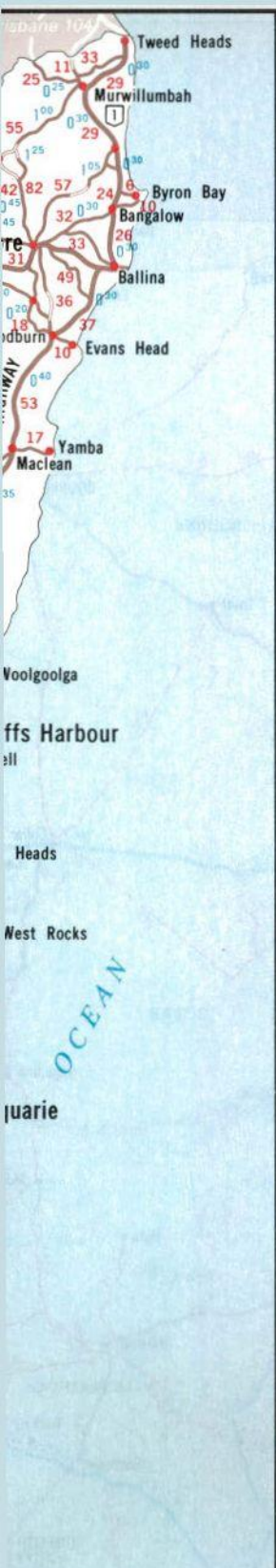
as at 1 January 1984

SCALE OF KILOMETRES

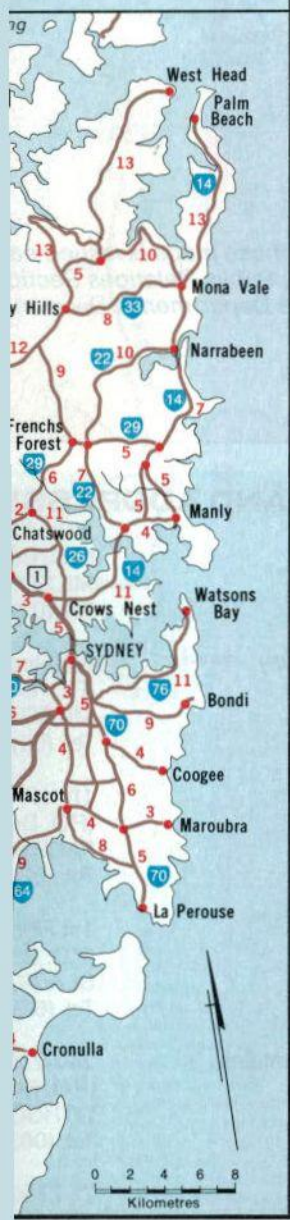








are based on those
iven by experienced
ns. The times refer to
ding stops, and in



	ALBURY	ARMIDALE	BEGA	BOURKE	BROKEN HILL	CANBERRA	COFFS HARBOUR	COOMA	DENILQUIN	DUBBO	GLEN INNES	GOULBURN	GRAFTON	GRIFFITH
●	13 ⁴⁵	6 ⁵⁵	10 ⁴⁵	10 ²⁵	4 ⁵⁰	16 ¹⁰	5 ²⁰	2 ⁴⁵	7 ⁵⁰	15 ⁰⁰	5 ⁰⁵	17 ¹⁵	3 ¹	
1034	●	13 ³⁰	9 ³⁵	14 ⁴⁵	11 ⁰⁵	2 ⁵⁵	12 ³⁰	13 ²⁰	5 ⁵⁵	1 ¹⁵	9 ⁴⁵	2 ⁴⁰	10 ⁵	
496	962	●	12 ¹⁵	15 ³⁵	3 ⁰⁰	14 ⁵⁰	1 ³⁵	8 ⁴⁵	8 ¹⁰	14 ⁴⁵	4 ¹⁵	15 ⁵⁵	7 ⁵	
871	760	970	●	8 ⁰⁰	9 ¹⁵	12 ³⁰	10 ⁴⁰	9 ³⁰	4 ²⁵	8 ⁴⁰	9 ⁴⁰	10 ⁴⁰	7 ²	
843	1146	1265	619	●	13 ³⁰	17 ⁴⁰	14 ⁰⁰	7 ³⁵	9 ³⁵	16 ⁰⁰	13 ⁴⁵	17 ²⁵	8 ⁴	
347	805	222	748	1116	●	12 ²⁵	1 ²⁵	6 ⁴⁰	5 ¹⁰	12 ²⁰	11 ²⁰	13 ³⁰	4 ⁵	
1108	191	984	951	1337	827	●	13 ⁵⁰	18 ⁰⁰	8 ⁵⁰	3 ⁰⁵	11 ⁰⁵	1 ⁰⁵	16 ³	
385	916	111	859	1154	111	938	●	7 ¹⁰	6 ³⁵	13 ⁴⁵	2 ⁴⁵	14 ⁵⁵	6 ²	
206	1054	656	708	637	507	1268	545	●	7 ²⁵	14 ³⁵	6 ⁵⁵	16 ⁰⁰	3 ⁰	
575	459	620	369	755	398	650	509	595	●	7 ¹⁰	5 ²⁵	8 ³⁵	5 ⁰	
1132	98	1060	665	1244	903	245	1014	1152	557	●	11 ⁰⁰	2 ⁰⁰	12 ¹	
375	711	296	776	1144	94	733	205	535	426	809	●	12 ¹⁰	5 ¹	
1192	201	1068	826	1347	911	84	1022	1255	660	161	817	●	13 ³	
262	849	590	526	751	349	1137	479	229	390	947	377	1050	●	
1333	333	1200	905	1479	1043	216	1154	1387	792	240	949	132	118	
536	580	525	636	1022	303	675	470	642	267	678	209	781	46	
549	1268	971	919	300	822	1459	860	343	809	1366	850	1469	45	
953	306	998	457	1065	776	453	887	973	378	208	804	369	76	
720	396	596	777	1163	439	394	550	880	408	494	345	478	74	
506	693	269	892	1275	225	715	336	666	523	791	131	799	50	
477	609	522	519	905	300	800	408	583	150	707	249	810	35	
435	577	534	436	822	312	768	423	477	118	675	340	778	27	
958	256	834	930	1316	677	170	788	1118	629	354	583	254	98	
572	540	428	781	1167	291	558	402	732	412	638	197	642	60	
922	112	850	648	1034	693	303	804	942	347	210	599	313	73	
874	320	750	994	1380	593	234	704	1034	538	418	507	318	90	
1433	442	1309	1019	1588	1152	325	1263	1496	901	354	1058	241	129	
130	878	394	665	871	245	1006	283	262	390	976	273	1079	19	
519	619	348	818	1288	238	641	349	679	449	717	144	725	52	

DISTANCES AND TRAVELLING TIMES

The figures in the squares where horizontal and vertical columns meet show the distance in kilometres (blue) and the travelling time (brown) between the indicated towns.

Distances shown on this chart represent commonly used 'preferred' routes. These may, in some cases, use roads other than State Highways, which accounts for the differences between the chart and the following five tables showing interstate distances. Similarly, a 'preferred' route need not necessarily be the shortest distance between centres.

Times quoted are based on those obtained in medium-weight cars driven by experienced drivers familiar with the road conditions. The times refer to week-day travel in daylight, excluding stops, and in favourable weather. They may vary where the route passes through major urban areas.

km
0
34
111
197
286
389
436
504
572
644
684
781
834
877

INTERSTATE ROUTES

SYDNEY to MELBOURNE via Princes Highway (National Route 1)

km		km	km
0	Sydney	1048	0
80	Wollongong	968	24
117	Kiama	931	79
159	Nowra	889	106
220	Milton	828	121
226	Ulladulla	822	170
279	Batemans Bay	769	185
306	Moruya	742	203
348	Narooma	700	249
428	Bega	620	297
462	Merimbula	586	322
488	Eden	560	362
550	Genoa	498	400
597	Cann River	451	454
672	Orbost	376	495
733	Lakes Entrance	315	566
768	Bairnsdale	280	664
836	Sale	212	756
899	Morwell	149	872
1016	Dandenong	32	953
1048	Melbourne	0	993

Travelling Time Tables

LISMORE	LITHGOW	MILDURA	MOREE	NEWCASTLE	NOWRA	ORANGE	PARKES	PORT MACQUARIE	SYDNEY	TAMWORTH	TAREE	TWEED HEADS	WAGGA WAGGA	WOLLONGONG	
20	7 ¹⁵	7 ⁰⁰	12 ³⁰	10 ³⁵	6 ⁵⁰	6 ³⁵	5 ³⁰	14 ⁰⁵	8 ⁰⁰	12 ¹⁵	12 ⁵⁵	21 ⁰⁰	1 ⁴⁵	6 ⁵⁵	ALBURY
420	8 ⁰⁵	15 ⁴⁰	3 ⁵⁰	5 ³⁰	9 ³⁰	7 ⁴⁵	7 ²⁰	3 ³⁰	7 ⁴⁰	1 ³⁰	4 ²⁰	6 ²⁵	11 ³⁵	8 ⁴⁰	ARMIDALE
735	7 ²⁵	12 ¹⁵	12 ⁵⁰	9 ¹⁵	4 ⁰⁰	6 ⁵⁰	7 ⁰⁰	12 ⁴⁵	6 ³⁵	12 ⁰⁰	11 ³⁵	19 ⁵⁰	5 ³⁰	5 ⁰⁵	BEGA
155	7 ⁴⁵	11 ³⁰	6 ⁰⁵	10 ⁰⁵	11 ¹⁰	6 ¹⁵	5 ¹⁵	12 ⁰⁰	10 ¹⁵	8 ⁰⁵	12 ⁵⁰	13 ⁵⁵	9 ²⁵	10 ²⁰	BOURKE
905	12 ⁵⁵	3 ³⁰	13 ³⁰	15 ¹⁵	15 ³⁰	11 ²⁵	10 ²⁵	17 ¹⁰	15 ²⁵	13 ¹⁵	18 ⁰⁰	21 ¹⁰	10 ⁰⁵	15 ³⁵	BROKEN HILL
510	5 ⁰⁵	10 ¹⁰	9 ⁵⁰	6 ⁵⁰	3 ⁰⁵	3 ⁵⁰	4 ⁰⁰	10 ²⁰	4 ¹⁵	9 ³⁵	9 ¹⁰	17 ¹⁵	3 ²⁵	3 ¹⁰	CANBERRA
245	10 ³⁰	18 ³⁵	5 ⁴⁰	5 ⁴⁵	10 ⁵⁰	10 ⁴⁰	10 ¹⁵	2 ²⁵	8 ³⁰	4 ²⁵	3 ¹⁵	4 ⁵⁰	14 ⁴⁵	10 ¹⁰	COFFS HARBOUR
535	6 ⁰⁰	10 ⁴⁰	11 ¹⁵	7 ⁵⁵	4 ³⁰	5 ¹⁰	5 ²⁵	11 ⁴⁵	5 ⁴⁰	11 ⁰⁰	10 ³⁵	18 ⁴⁰	3 ⁵⁵	4 ³⁵	COOMA
740	8 ²⁰	4 ¹⁵	12 ⁰⁵	12 ²⁵	8 ⁴⁰	7 ³⁵	6 ⁰⁰	16 ⁰⁰	9 ⁵⁰	11 ⁵⁰	14 ⁵⁰	19 ⁴⁵	3 ¹⁵	8 ⁴⁵	DENILQUIN
015	3 ²⁰	9 ⁴⁵	4 ⁴⁰	5 ⁴⁰	6 ²⁵	1 ⁵⁰	1 ²⁵	8 ²⁰	5 ⁵⁰	4 ²⁵	7 ⁴⁰	12 ²⁰	5 ²⁵	5 ⁵⁵	DUBBO
315	9 ²⁰	16 ⁵⁵	2 ³⁵	6 ⁴⁵	10 ⁴⁵	9 ⁰⁰	8 ³⁵	4 ⁴⁵	8 ⁵⁵	2 ⁴⁵	5 ³⁵	5 ¹⁵	12 ⁵⁰	9 ⁵⁵	GLEN INNES
350	3 ⁴⁵	10 ²⁵	10 ⁰⁵	5 ³⁰	1 ⁴⁵	4 ¹⁵	4 ¹⁵	9 ⁰⁰	2 ⁵⁵	8 ¹⁵	7 ⁰⁰	15 ⁵⁵	3 ⁴⁰	1 ⁵⁰	GOULBURN
140	10 ⁴⁵	18 ²⁰	4 ³⁵	6 ⁵⁰	11 ⁵⁵	10 ²⁵	10 ⁰⁰	3 ³⁰	9 ³⁵	4 ¹⁰	4 ²⁰	3 ⁴⁵	14 ¹⁵	11 ⁰⁰	GRAFTON
515	6 ⁰⁵	5 ²⁰	9 ⁴⁰	11 ⁰⁰	6 ⁵⁵	4 ⁴⁰	3 ³⁵	14 ³⁰	8 ³⁵	9 ²⁵	13 ²⁰	17 ¹⁵	2 ²⁵	7 ⁰⁰	GRIFFITH
0	12 ²⁵	20 ⁰⁰	5 ⁵⁰	8 ³⁰	13 ³⁵	12 ⁰⁵	11 ⁴⁰	5 ¹⁰	11 ¹⁵	5 ⁵⁰	6 ⁰⁰	2 ⁰⁰	15 ⁵⁵	12 ³⁰	LISMORE
113	●	10 ⁵⁰	6 ⁵⁵	4 ⁵⁵	3 ²⁵	1 ³⁰	2 ⁵⁰	8 ²⁵	2 ³⁰	6 ³⁵	7 ¹⁵	14 ²⁰	5 ⁰⁵	2 ³⁵	LITHGOW
01	881	●	14 ²⁵	15 ⁴⁵	12 ¹⁰	10 ⁰⁵	8 ²⁰	19 ¹⁵	14 ⁰⁰	14 ¹⁰	18 ⁰⁵	22 ⁰⁵	6 ⁴⁵	12 ¹⁵	MILDURA
48	526	1187	●	7 ⁰⁰	11 ⁰⁰	6 ³⁰	6 ⁰⁵	6 ⁵⁵	9 ¹⁰	3 ²⁵	7 ⁴⁵	8 ²⁰	10 ⁰⁵	10 ¹⁰	MOREE
10	287	1168	503	●	5 ¹⁵	5 ²⁵	6 ⁴⁵	3 ⁴⁰	2 ⁵⁵	4 ⁰⁰	2 ³⁰	10 ³⁵	9 ¹⁰	4 ²⁵	NEWCASTLE
31	256	981	800	327	●	6 ⁰⁰	6 ⁰⁰	8 ⁴⁵	2 ³⁵	8 ⁰⁰	7 ³⁵	15 ⁴⁰	5 ²⁵	1 ⁰⁵	NOWRA
42	117	822	528	404	380	●	1 ²⁰	8 ⁵⁵	4 ⁰⁰	6 ¹⁵	7 ⁴⁵	14 ¹⁰	4 ²⁰	4 ⁰⁵	ORANGE
10	217	691	496	504	471	100	●	9 ⁴⁵	5 ²⁰	5 ⁵⁰	9 ⁰⁵	13 ⁴⁵	4 ⁰⁰	5 ²⁵	PARKES
86	525	1406	495	244	565	642	747	●	6 ³⁵	3 ⁵⁵	1 ¹⁰	7 ¹⁵	12 ⁴⁰	7 ⁵⁵	PORT MACQUARIE
74	145	1081	647	170	159	262	362	408	●	6 ²⁵	5 ¹⁵	13 ⁰⁵	6 ³⁵	1 ³⁰	SYDNEY
45	468	1156	273	284	581	497	465	282	428	●	4 ⁴⁵	7 ⁵⁵	9 ⁵⁰	7 ¹⁰	TAMWORTH
50	441	1322	559	160	481	558	658	84	324	346	●	8 ⁰⁵	11 ³⁰	6 ⁴⁵	TAREE
14	1000	1710	593	719	1040	1051	1019	495	883	554	559	●	17 ⁴⁵	14 ⁴⁵	TWEED HEADS
11	380	577	768	618	404	321	272	856	470	737	772	1291	●	5 ³⁰	WAGGA WAGGA
57	182	994	726	253	79	299	399	491	80	507	407	966	417	●	WOLLONGONG

SYDNEY to MELBOURNE via Hume Highway (National Route 31)

	km
Sydney	877
Liverpool	843
Mittagong	766
Goulburn	680
Yass	591
Gundagai	488
Sturt Highway Junction	441
Holbrook	373
Albury	305
Wangaratta	233
Benalla	193
Seymour	96
Kilmore	43
Melbourne	0

SYDNEY to MELBOURNE via Olympic Way and Hume Highway (National Routes 32, 24 and 41)

	km
Sydney	959
Lithgow	814
Bathurst	752
Blayney	715
Cowra	645
Young	574
Cootamundra	527
Junee	474
Wagga Wagga	435
Henty	374
Culcairn	356
Albury	305
Wangaratta	233
Benalla	193
Seymour	96
Kilmore	43
Melbourne	0

SYDNEY to BRISBANE via New England and Manning Highways (National Route 15)

	km
Sydney	1033
Hornsby	1009
Peats Ridge	954
Wyong	927
Doyalson	912
Newcastle	863
Hexham	848
Maitland	830
Singleton	784
Muswellbrook	736
Scone	711
Murrurundi	671
Wallabadah	633
Tamworth	579
Bendemeer	538
Armidale	467
Glen Innes	369
Tenterfield	277
Warwick	161
Ipswich	40
Brisbane	0

SYDNEY to BRISBANE via Pacific Highway (National Route 1)

	km
Sydney	993
Hornsby	969
Peats Ridge	914
Wyong	887
Doyalson	872
Newcastle	823
Hexham	808
Bulahdelah	729
Taree	663
Oxley Highway Junction	589
Kempsey	543
Macksville	489
Nambucca Heads	476
Coffs Harbour	429
Grafton	345
Ballina	212
Bangalow	186
Murwillumbah	133
Tweed Heads	104
Southport	79
Brisbane	0

***Financial Appendices to the
Commissioner for Main Roads 1983-84 Annual Report***



Department of Main Roads New South Wales

DEPARTMENT OF MAIN ROADS, NEW SOUTH WALES

FINANCIAL APPENDICES TO THE FIFTY-NINTH ANNUAL REPORT
OF THE COMMISSIONER FOR MAIN ROADS
FOR THE YEAR ENDED 30 JUNE 1984

CONTENTS

1.00	Statement of Receipts and Payments for the Five years ended 30 June 1984
1.01	County of Cumberland Main Road Fund - Receipts
1.02	County of Cumberland Main Road Fund - Payments
1.03	Country Main Roads Fund - Receipts
1.04	Country Main Roads Fund - Payments
1.05	Commonwealth Fund - Receipts
1.06	Commonwealth Fund - Payments
1.07	Traffic Facilities Fund - Receipts and Payments
1.08	Sydney Harbour Bridge Account - Receipts and Payments
1.09	All Funds and Accounts - Receipts
1.10	All Funds and Accounts - Payments
2.00	Statement of Receipts and Payments for the Five Years ended 30 June 1984 - Tollworks
3.00	Summary of Loan Liabilities as at 30 June 1984
4.00	Semi-Government Loans - Schedule of Maturities as at 30 June 1984
5.0000	Summary of Payments on the State Roads System from Commonwealth, State and Loan Funds - Construction
5.0001	Freeways
5.0007	State Highways
5.0050	Trunk Roads
5.0064	Main Roads
5.0106	Other Roads
5.0115	Summary of Expenditure - Construction
5.0116	Acquisitions
6.0.0000	Summary of Payments on Local Roads
6.1.0001	Urban Local Roads - Construction
6.2.0001	Rural Local Roads - Construction
6.3.0001	Rural Local Roads - Construction and Maintenance
6.4.0001	Rural Local Roads - Maintenance of Special Subsidy Bridges and Misc. Works
6.5.0001	Summary of Expenditure - Local Roads
7.0000	Summary of Payments on the State Roads System from Commonwealth and State Funds - Maintenance and Minor Improvement Works
7.0001	Freeways
7.0002	State Highways
7.0011	Trunk Roads
7.0018	Main Roads
7.0065	Other Roads
7.0079	Summary of Expenditure - Maintenance and Minor Improvement Works
8.0.0000	Summary of Payments for Traffic Signals and Other Facilities on All Roads from Commonwealth and State Funds
8.1.0001	Construction Works - Freeways
8.1.0002	- State Highways
8.1.0007	- Trunk Roads
8.1.0008	- Main Roads
8.1.0015	- Other Roads
8.2.0001	Operation of Driver Aid and Tow Services
8.3.0001	Maintenance and Operation - Work by Department
8.4.0001	Maintenance and Operation - Work by Councils
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 30 June 1984.
10.00	Distribution between the Department and Councils of Responsibility for Care and Control of Roads at 30 June 1984 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 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
<u>State Sources</u>	\$	\$	\$	\$	\$
Motor Vehicle registration weight tax and tax levy	38,283,291	47,205,405	58,760,558	66,135,549	76,549,932
Charges for Heavy Commercial Vehicles for Maintenance of Roads	244,577	4,691	-	-	-
Diesel Fuel Levy	-	-	-	20,208,565	20,212,323
Financial Accommodation					
- State General Loan Account	24,000,000	10,000,000	4,000,000	-	-
- Semi-Government Loan Raising	15,000,000	25,300,000	26,900,000	24,800,000	26,000,000
- Repayable Treasury Advance	-	-	-	-	-
- Deferred Payments Contract	-	-	-	-	5,370,747
Road Tolls (less Collection Costs)	5,870,383	6,559,467	7,173,214	6,102,727	6,673,901
Interest - On Sinking Fund Investments	1,851,588	2,511,926	2,259,518	3,033,819	4,445,056
- On Treasury Fund Balances	333,443	608,466	335,247	338,112	618,968
Contributions for Specified Works					
- from Other Departments	1,473,228	492,935	92,633 Dr	76,024	274,972
- from Other Sources	779,554	248,078	1,524,047	324,281	713,341
Natural Disaster Grant	-	-	-	-	-
Sale of Properties (No longer require for Roadworks)	1,635,763	2,062,600	1,836,549	4,836,698	8,505,474
Rents from Properties Acquired for Works (less Collection and Maintenance Costs)	1,807,369	2,116,352	2,109,198	2,940,676	2,996,436
Miscellaneous	348,949	726,765	675,973	749,993	983,771
Total State Sources	91,628,145	97,836,685	105,481,671	129,546,444	153,344,921
<u>Commonwealth Grants</u>					
Road Grants Act 1981					
- National Roads	-	-	-	-	-
- Arterial Roads	32,990,000	36,138,000	53,000,000	33,455,832	40,200,000
- Local Roads	-	-	-	-	-
Australian Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	-	-
- Arterial Roads - Urban	-	-	-	3,700,000	24,062,000
- Rural	-	-	-	-	-
- Local Roads	-	-	-	-	-
Wage Pause Employment Programme	-	-	-	-	323,345
Steel Regions Assistance Programme	-	-	-	-	-
Total Commonwealth Grants	32,990,000	36,138,000	53,000,000	37,155,832	64,585,345
Total Receipts	124,618,145	133,974,685	158,481,671	166,702,276	217,930,266
Cash at Treasury as at 1st July	6,170,714	6,855,413	3,730,320	5,003,388	6,136,174
TOTAL FUNDS AVAILABLE	130,788,859	140,830,098	162,211,991	171,705,664	224,066,440

COUNTY OF CUMBERLAND MAIN ROADS FUND

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

PAYMENTS	1979/80	1980/81	1981/82	1982/83	1983/84
State Road System	\$	\$	\$	\$	\$
- Construction and Reconstruction	59,150,479	69,818,460	67,508,904	70,488,953	84,045,216
- Construction under A.B.R.D. Programme	-	-	-	2,906,021	20,850,685
- Property Acquisitions	15,472,693	18,837,896	28,590,253	18,575,857	22,454,239
- Maintenance and Minor Improvements	20,688,158	21,529,494	23,322,463	26,570,922	33,279,302
Local Roads					
- Construction and Maintenance	-	5,307	-	-	-
- Construction under A.B.R.D. Programme	-	-	-	-	-
Intersection Improvements, Traffic Signals, Signs and Roadmarking					
- Construction and Reconstruction	-	-	-	-	-
- Maintenance and Operations	-	-	-	-	-
Land and Buildings					
- For Works Operations	1,219,316	1,200,066	1,056,774	1,352,062	1,489,086
- For Administration	13,736	17,064	12,882	60,316	85,206
Net Transactions of Operating and Suspense Accounts	2,701,642	3,010,718	1,941,376	480,458 Cr	3,038,581 Cr
General Administration	4,626,491	5,523,585	6,969,666	7,200,547	7,797,966
Research and Development	1,231,291	1,797,579	2,150,661	2,135,086	1,754,475
Financial Accommodation Charge					
- Repayable Treasury Advances - Interest	649,293	627,479	603,579	577,392	548,699
- State Loan Allocation - Interest and Management Expenses	5,000,400	6,733,200	7,332,200	9,468,110	9,037,050
- Semi-Government Loan Raising - Interest and Management Expenses	6,578,510	8,495,373	11,873,384	15,823,189	21,126,876
- Deferred Payments - Interest and Management Expenses	-	-	-	-	12,299
- Leveraged Lease Finance - Interest and Management Expenses	-	-	-	-	-
Sub-Total	117,332,009	137,596,221	151,362,142	154,677,997	199,442,518
Financial Accommodation Repayments					
- Repayable Treasury Advances - Principal	227,968	249,782	273,682	299,870	328,563
- State Loan Allocation - Sinking Fund	521,800	873,300	982,000	1,017,800	1,005,400
- Semi-Government Loan Raising - Principal	1,881,502	2,290,405	2,394,893	2,451,704	2,288,149
- Leveraged Lease Finance - Principal	-	-	-	-	-
Investments for Loan Repayments for Loans Raised by the Commissioner	3,714,700	335,700 Cr	2,329,160	7,247,580	8,644,149
Total Payments	123,677,979	140,674,008	157,341,877	165,694,951	211,708,779
Net Transaction of Trust Accounts	255,466	3,574,230 Cr	133,274 Cr	125,461 Cr	844,050 Cr
Cash at Treasury as at 30th June					
- for General Purposes	6,886,323	187,000	1,326,793	2,334,119	8,555,605
- for Trust Accounts	30,909 Cr	3,543,320	3,676,595	3,802,055	4,646,106
	130,788,859	140,830,098	162,211,991	171,705,664	224,066,440

COUNTRY MAIN ROADS FUND

APPENDIX 1.03

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
<u>State Sources</u>	\$	\$	\$	\$	\$
Motor Vehicle registration weight tax and tax levy	98,343,029	123,444,281	153,860,435	172,525,150	198,770,661
Charges for Heavy Commercial Vehicles for Maintenance of Roads	978,308	18,763	-	-	-
Motor Vehicle registration fee - allocation from the Road Transport and Traffic Fund	-	-	-	-	-
Diesel Fuel Levy	-	-	-	9,904,283	10,106,161
Financial Accommodation					
- State General Loan Account	12,850,000	-	-	-	-
- Semi-Government Loan Raising	55,174,960	59,825,040	56,000,000	33,000,000	26,000,000
- Repayable Treasury Advance	-	-	-	-	10,000,000
- Leveraged Lease Finance	-	-	7,800,000	-	-
- Deferred Payments Contract	-	-	-	-	-
Road Tolls (less Collection Costs)	-	5,500	501,867 ^{Dr}	-	-
Interest - On Sinking Fund Investments	611,173	836,613	97,453 ^{Dr}	671,149	512,811 ^{Dr}
- On Treasury Fund Balances	1,126,414	971,037	767,269	565,345	928,357
Contributions for Specified Works					
- from Other Departments	1,719,610	1,009,819	1,908,136	2,385,942	4,888,711
- from Other Sources	592,221	779,781	326,796	806,327	1,205,615
Natural Disaster Grant	1,499,214	569,188	-	-	12,400,000
Sale of Properties (No longer required for Roadworks)	249,503	466,653	292,212	311,962	697,992
Rents from Properties Acquired for Works (less Collection and Maintenance Costs)	166,815	190,824	203,647	331,364	285,886
Miscellaneous	1,059,150	1,556,653	1,656,760	2,243,986	2,641,051
Total State Sources	174,370,397	189,674,152	222,215,935	222,745,508	267,411,623
<u>Commonwealth Grants</u>					
Road Grants Act 1981					
- National Roads	-	-	-	-	-
- Arterial Roads	20,691,000	22,998,000	11,503,000	35,654,168	33,052,000
- Local Roads	-	-	-	-	-
Australian Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	-	-
- Arterial Roads - Urban	-	-	-	2,000,000	10,000,000
- Rural	-	-	-	4,000,000	24,743,000
- Local Roads	-	-	-	-	-
Wage Pause Employment Programme	-	-	-	842,625	4,341,490
Steel Regions Assistance Programme	-	-	-	-	2,300,000
Total Commonwealth Grants	20,691,000	22,998,000	11,503,000	42,496,793	74,436,490
Total Receipts	195,061,397	212,672,152	233,718,935	265,242,301	341,848,113
Cash at Treasury as at 1st July	20,050,447	12,585,332	1,953,875	4,308,425	5,341,589
TOTAL FUNDS AVAILABLE	215,111,844	225,257,484	235,672,810	269,550,726	347,189,702

COUNTRY MAIN ROADS FUND

APPENDIX 1.04

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

PAYMENTS	1979/80	1980/81	1981/82	1982/83	1983/84
State Road System	\$	\$	\$	\$	\$
- Construction and Reconstruction	98,431,975	109,857,826	100,166,375	113,800,403	134,572,323
- Construction under A.B.R.D. Programme	-	-	-	4,630,815	32,037,108
- Property Acquisitions	3,979,747	3,885,738	4,470,356	3,819,403	5,202,504
- Maintenance and Minor Improvements	67,360,748	76,055,093	80,478,593	91,903,073	108,395,472
Local Roads					
- Construction and Maintenance	615,281	804,211	824,723	645,569	595,513
- Construction under A.B.R.D. Programme	-	-	-	-	-
- Natural Disasters - Restoration Works	738,446	1,070,228	80,954	-	8,298,941
Intersection Improvements, Traffic Signals, Signs and Roadmarking					
- Construction and Reconstruction	-	-	-	-	-
- Maintenance and Operations	-	-	-	-	-
Land and Buildings					
- For Works Operations	719,418	1,245,463	1,132,546	708,447	1,323,380
- For Administration	256,970	88,090	267,380	208,564	736,039
Net Transactions of Operating and Suspense Accounts	5,121,010	4,062,075	1,162,036	7,445,450 Cr	4,392,486 Cr
General Administration	7,796,959	9,340,103	10,871,617	12,687,260	13,824,840
Research and Development	1,845,458	2,697,483	3,225,992	3,202,628	2,631,713
Financial Accommodation Charges					
- Repayable Treasury Advances - Interest	556,537	537,840	517,354	494,907	470,313
- State Loan Allocation - Interest and Management Expenses	3,062,600	3,706,800	4,020,350	4,386,870	4,441,914
- Semi-Government Loan Raising - Interest and Management Expenses	8,430,941	16,311,769	24,694,139	32,871,459	35,531,028
- Deferred Payments - Interest and Management Expenses	-	-	-	-	-
- Leveraged Lease Finance - Interest and Management Expenses	-	-	-	-	1,112,116
Sub-Total	198,916,090	229,662,719	231,912,415	261,913,948	344,780,718
Financial Accommodation Repayments					
- Repayable Treasury Advances - Principal	195,402	214,098	234,585	257,031	281,625
- State Loan Allocation - Sinking Fund	467,200	615,700	614,700	608,310	597,245
- Semi-Government Loan Raising - Principal	728,308	895,743	976,539	1,060,497	1,158,460
- Leveraged Lease Finance - Principal	-	-	-	-	620,250
Investments for Loan Repayments for Loans Raised by the Commissioner	1,672,800	7,867,600 Cr	2,816,000 Cr	75,389	11,794,039 Cr
Total Payments	201,979,800	223,520,660	230,922,239	263,915,175	335,644,259
Net Transaction of Trust Accounts	546,712	217,051 Cr	442,147	293,961	262,096 Cr
Cash at Treasury as at 30th June					
- for General Purposes	11,328,543	339,937 Cr	2,456,759	3,783,885	10,985,604
- for Trust Accounts	1,256,789	2,293,812	1,851,665	1,557,705	821,935
	215,111,844	225,257,484	235,672,810	269,550,726	347,189,702

COMMONWEALTH FUND

APPENDIX 1.05

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
<u>Commonwealth Grants</u>	\$	\$	\$	\$	\$
Road Grants Act 1981					
- National Roads	79,435,124(A)	92,509,303(A)	101,616,862(A)	108,841,119(A)	114,897,511(A)
- Arterial Roads	(B)	(B)	(B)	(B)	(B)
- Local Roads	38,162,000	42,417,000	46,267,000	49,576,000	52,549,000
- Minor Traffic Engineering and Road Safety Improvements	(C)	-	-	-	-
Australian Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	24,000,000	64,573,000
- Arterial Roads - Urban	-	-	-	(D)	(D)
- Rural	-	-	-	(E)	(E)
- Local Roads	-	-	-	-	22,519,000
Research and Development	1,229,986	801,601	-	-	-
Total Receipts	118,827,110	135,727,904	147,883,862	182,417,119	254,538,511
Cash at Treasury as at 1 July	946,242	1,357,593	1,788,275	3,259,844	17,602,931
TOTAL FUNDS AVAILABLE	119,773,352	137,085,497	149,672,137	185,676,963	272,141,442

(A) Grant for National Roads included in Appendix 1.07	1,717,876	2,438,697	1,949,138	2,147,881	2,745,489
(B) Grant for Arterial Roads included in Appendices 1.01 and 1.03	53,681,000	59,136,000	64,503,000	69,110,000	73,252,000
(C) Grant for M.I.T.E.R.S. included in Appendix 1.07	3,793,000	-	-	-	-
(D) Grant for Arterial Roads - Urban included in Appendices 1.01 and 1.03	-	-	-	5,790,000	34,062,000
(E) Grant for Arterial Roads - Rural included in Appendices 1.01 and 1.03	-	-	-	4,000,000	24,743,000

COMMONWEALTH FUND

APPENDIX 1.06

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

PAYMENTS	1979/80	1980/81	1981/82	1982/83	1983/84
State Road System	\$	\$	\$	\$	\$
- Construction and Reconstruction	66,352,578	73,602,252	76,951,246	74,921,080	99,662,737
- Construction under A.B.R.D. Programme	-	-	-	20,744,716	62,938,220
- Property Acquisitions	1,555,547	4,943,129	6,941,081	6,030,321	6,093,903
- Maintenance and Minor Improvements	8,471,801	10,405,872	12,552,728	12,952,052	16,736,331
Local Roads					
- Construction and Maintenance	37,361,214	41,529,652	46,109,435	49,669,373	54,401,467
- Construction under A.B.R.D. Programme	-	-	-	-	20,035,145
General Administration	3,460,044	4,019,308	3,857,802	3,756,490	4,899,719
Research and Development	1,214,575	797,009	-	-	-
Total Payments	118,415,759	135,297,222	146,412,292	168,074,032	264,767,522
Cash at Treasury as at 30th June					
- for General Purposes	1,357,593	1,788,275	3,259,845	17,602,931	7,373,920
	119,773,352	137,085,497	149,672,137	185,676,963	272,141,442

TRAFFIC FACILITIES FUND

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
<u>State Sources</u>	\$	\$	\$	\$	\$
Motor Vehicle registration weight tax and tax levy	6,852,000	11,755,135	13,825,000	27,100,000	30,000,000
Motor Vehicle registration fee allocation from the Road Transport as Traffic Fund	19,127,717	18,503,622	18,374,425	8,401,620	10,631,090
Financial Accommodation					
Loans - Raised by the Traffic Authority under					
Semi-Government Loan Allocation	-	-	1,200,000	-	-
Road Tolls (less collection costs)	1,971,193	2,737,967	2,667,891	2,761,534	2,713,040
Contributions for Specified Works					
- from Other Departments	350,000	1,188,157	460,019	386,852	526,412
- from Other Sources	344,230	453,706	653,261	635,535	829,687
<u>Commonwealth Grants</u>					
- National Roads	1,717,876	2,438,697	1,949,138	2,147,881	2,745,489
- Minor Traffic Engineering and Road Safety Improvements	3,793,000	-	-	-	-
Total Receipts	34,156,016	37,077,284	39,129,734	41,433,422	47,445,718
PAYMENTS					
State Road System					
Intersection Improvements, Traffic Signals, Signs and Roadmarking					
- Construction and Reconstruction	9,779,070	8,517,540	8,588,889	8,566,390	11,308,773
- Maintenance and Operations	21,345,662	25,027,492	27,225,559	30,979,632	34,234,750
Land and Buildings					
- For Works Operations	851,762	337,759	-	-	-
Net Transactions of Operating and Suspense Accounts	743,616	1,495,211	1,224,993	457,329Cr	465,974Cr
General Administration	1,435,906	1,699,282	2,090,293	2,344,729	2,368,169
Total Payments	34,156,016	37,077,284	39,129,734	41,433,422	47,445,718

SYDNEY HARBOUR BRIDGE ACCOUNT

APPENDIX 1.08

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor Vehicle registration weight tax and tax levy	-	-	-	-	1,600,000
Road Tolls (less collection costs)	2,365,225	1,613,956	1,624,111	1,633,499	1,621,761
Interest - on Sinking Fund Investments	480,281	595,247	376,651	442,613	1,024,910
- on Treasury Fund Balances	277,500	279,000	290,078	327,116	-
Contributions for Specified Works					
- from Other Departments	549,521	263,732	637,735	522,951	544,238
Rents from Properties Acquired for Works (less collection and maintenance costs)	271,786	268,433	330,898	683,984	793,812
Total State Sources	3,944,313	3,020,368	3,259,473	3,610,163	5,584,721
Cash at Treasury as at 1 July	4,545,307	4,361,210	3,070,260	1,940,226	898,121
TOTAL FUNDS AVAILABLE	8,489,620	7,381,578	6,329,733	5,550,389	6,482,842
PAYMENTS					
<u>State Road System</u>					
- Maintenance and Minor Improvements	1,742,901	2,044,097	2,118,769	2,183,693	3,188,374
General Administration	190,000	160,000	170,000	200,000	240,000
Financial Accommodation Charges					
- State Loan Allocation - Interest and Management Expenses	788,500	820,000	883,000	966,000	978,000
- Semi-Government Loan Raising - Interest and Management Expenses	514,683	524,578	237,213	320,099	812,037
Sub-Total	3,236,084	3,548,675	3,408,982	3,669,792	5,218,411
Financial Accommodation Repayments					
- State Loan Allocation - Sinking Fund	52,500	112,000	109,000	108,000	107,000
- Semi-Government Loan Raising - Principal	113,826	105,643	29,825	31,603	33,487
Investments for Loan Repayments for Loans Raised by the Commissioner	726,000	545,000	841,700	842,873	1,021,212
Total Payments	4,128,410	4,311,318	4,389,507	4,652,268	6,380,110
Cash at Treasury as at 30th June					
- for General Purposes	4,361,210	3,070,260	1,940,226	898,121	102,732
	8,489,620	7,381,578	6,329,733	5,550,389	6,482,842

ALL FUNDS AND ACCOUNTS
STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

RECEIPTS	1979/80	1980/81	1981/82	1982/83	1983/84
<u>State Sources</u>	\$	\$	\$	\$	\$
Motor Vehicle registration weight tax and tax levy	143,478,320	182,404,821	226,445,993	265,760,699	306,920,593
Motor Vehicle registration fee - allocation from the Road Transport and Traffic Fund	19,127,717	18,503,622	18,374,425	8,401,620	10,631,090
Charges for Heavy Commercial Vehicles for Maintenance of Roads	1,222,885	23,454	-	-	-
Diesel Fuel Levy	-	-	-	30,112,848	30,318,484
Financial Accommodation					
- State Loan Account	36,850,000	10,000,000	4,000,000	-	-
- Semi-Government Loan Raising	70,174,960	85,125,040	82,900,000	57,800,000	52,000,000
- Loans Raised by the Traffic Authority under Semi-Government Loan Allocation	-	-	1,200,000	-	-
- Repayable Treasury Advance	-	-	-	-	10,000,000
- Leveraged Lease Finance	-	-	7,800,000	-	-
- Deferred Payments Contract	-	-	-	-	5,370,747
Road Tolls (less Collection Costs)	10,206,801	10,916,890	10,963,349	10,497,760	11,008,702
Interest - On Sinking Fund Investments	2,943,042	3,943,786	2,538,716	4,147,581	4,957,155
- On Treasury Fund Balances	1,737,357	1,858,503	1,392,594	1,230,573	1,547,325
Contributions for Specified Works					
- from Other Departments	4,092,359	2,954,643	2,913,257	3,371,769	6,234,333
- from Other Sources	1,716,005	1,481,565	2,504,104	1,766,143	2,748,643
Natural Disaster Grant	1,499,214	569,188	-	-	12,400,000
Sale of Properties (No longer required for Roadworks)	1,885,266	2,529,253	2,128,761	5,148,660	9,203,466
Rents from Properties Acquired for Works (less Collection and Maintenance Costs)	2,245,970	2,575,609	2,643,743	3,956,024	4,076,134
Miscellaneous	1,408,099	2,283,418	2,332,733	2,993,979	3,624,822
Total State Sources	298,587,995	325,169,792	368,137,675	395,187,656	471,041,494
<u>Commonwealth Grants</u>					
Road Grants Act 1981					
- National Roads	81,153,000	94,948,000	103,566,000	110,989,000	117,643,000
- Arterial Roads	53,681,000	59,136,000	64,503,000	69,110,000	73,252,000
- Local Roads	38,162,000	42,417,000	46,267,000	49,576,000	52,549,000
- Minor Traffic Engineering and Road Safety Improvements	3,793,000	-	-	-	-
Australian Bicentennial Road Development Trust Fund Act, 1982					
- National Roads	-	-	-	24,000,000	64,573,000
- Arterial Roads - Urban	-	-	-	5,700,000	34,062,000
- Rural	-	-	-	4,000,000	24,743,000
- Local Roads	-	-	-	-	22,519,000
Wage Pause Employment Programme	-	-	-	842,625	4,664,835
Steel Regions Assistance Programme	-	-	-	-	2,300,000
Research and Development	1,229,986	801,601	-	-	-
Total Commonwealth Grants	178,018,986	197,302,601	214,336,000	264,217,625	396,305,835
Total Receipts	476,606,981	522,472,393	582,473,675	659,405,281	867,347,329
Cash at Treasury as at 1st July	31,712,710	25,159,548	10,542,730	14,511,883	29,978,815
TOTAL FUNDS AVAILABLE	508,319,691	547,631,941	593,016,405	673,917,164	897,326,144

ALL FUNDS AND ACCOUNTS

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30 JUNE 1984

PAYMENTS	1979/80	1980/81	1981/82	1982/83	1983/84
State Road System	\$	\$	\$	\$	\$
- Construction and Reconstruction	223,935,032	253,278,538	244,626,525	259,210,436	318,280,276
- Construction under A.B.R.D. Programme	-	-	-	28,281,552	115,826,013
- Property Acquisitions	21,007,987	27,666,763	40,001,690	28,425,581	33,750,646
- Maintenance and Minor Improvements	98,254,282	110,034,556	118,472,553	133,609,740	161,599,479
Local Road					
- Construction and Maintenance	37,976,495	42,339,170	46,934,158	50,314,942	54,996,980
- Construction under A.B.R.D. Programme	-	-	-	-	20,035,145
- Natural Disasters - Restoration Works	747,772	1,070,228	80,954	-	8,298,941
Intersection Improvements, Traffic Signals, Signs and Roadmarking					
- Construction and Reconstruction	9,779,070	8,517,540	8,588,889	8,566,390	11,308,773
- Maintenance and Operations	21,345,662	25,027,492	27,225,559	30,979,632	34,234,750
Land and Buildings					
- For Works Operations	2,790,496	2,783,288	2,189,320	2,060,509	2,812,466
- For Administration	270,706	105,154	280,262	268,880	821,245
Net Transactions of Operating and Suspense Accounts	8,566,268	8,568,004	4,328,405	8,383,237 Cr	7,897,041 Cr
General Administration	17,509,400	20,742,278	23,959,378	26,189,026	29,130,694
Research and Development	4,291,324	5,292,071	5,376,653	5,337,714	4,386,188
Financial Accommodation Charges					
- Repayable Treasury Advances - Interest	1,205,830	1,165,319	1,120,933	1,072,299	1,019,012
- State Loan Allocation - Interest and Management Expenses	8,851,500	11,260,000	12,235,550	14,820,980	14,456,964
- Semi-Government Loan Raising - Interest and Management Expenses	15,524,134	25,331,720	36,804,736	49,014,747	57,469,941
- Deferred Payments - Interest and Management Expenses	-	-	-	-	12,299
- Leveraged Lease Finance - Interest and Management Expenses	-	-	-	-	1,112,116
Sub-Total	472,055,958	543,182,121	572,225,565	629,769,191	861,654,887
Financial Accommodation Repayments					
- Repayable Treasury Advances - Principal	423,370	463,880	508,267	556,901	610,188
- State Loan Allocation - Sinking Fund	1,041,500	1,601,000	1,705,700	1,734,110	1,709,645
- Semi-Government Loan Raising - Principal	2,723,636	3,291,791	3,401,258	3,543,804	3,480,096
- Leveraged Lease Finance - Principal	-	-	-	-	620,250
Investments for Loan Repayments for Loans Raised by the Commissioner	6,113,500	7,658,300 Cr	354,860	8,165,842	2,128,678 Cr
Total Payments	482,357,964	540,880,492	578,195,650	643,769,848	865,946,388
Net Transaction of Trust Accounts	802,178	3,791,281 Cr	308,873	168,500	1,106,146 Cr
Cash at Treasury as at 30th June					
- for General Purposes	23,933,669	4,705,598	8,983,622	24,619,056	27,017,861
- for Trust Accounts	1,225,880	5,837,132	5,528,260	5,359,760	5,468,041
	508,319,691	547,631,941	593,016,405	673,917,164	897,326,144

TOLLWORKS
STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1984
APPENDIX 2
(NOTE: THESE AMOUNTS ARE INCLUDED IN THOSE SHOWN IN APPENDIX NO. 1 - COUNTY OF CUMBERLAND FUND AND TRAFFIC FACILITIES FUND)

<u>Perowra to Calga Tollwork</u>	<u>1979/80</u>	<u>1980/81</u>	<u>1981/82</u>	<u>1982/83</u>	<u>1983/84</u>
	\$	\$	\$	\$	\$
<u>Receipts</u>					
Gross Tolls	6,050,048	6,764,395	7,027,397	6,960,571	7,320,753
Less Collection Costs	802,323	808,275	980,358	1,162,403	1,169,144
Net Tolls	5,247,725	5,956,120	6,047,039	5,798,168	6,151,609
Interest on Sinking Fund Investments	853,262	1,195,758	1,381,809	1,903,294	2,623,484
Total Receipts	6,100,987	7,151,878	7,428,848	7,701,462	8,775,093
<u>Payments</u>					
Tollway Lighting	35,279	54,411	75,150	90,813	83,377
Traffic Facilities	148,388	170,000	240,709	443,815	291,229
General Administration	69,000	75,000	80,000	90,000	100,000
Debt Charges:- General Loan Account - Interest and Management Expenses	2,100,900	2,190,100	2,369,000	2,596,060	2,630,880
- Sinking Fund	275,300	303,100	298,900	295,000	291,500
Loans raised by the Commissioner - Interest and Management Expenses	390,811	373,415	395,557	448,289	544,820
- Investments for loan repayments	1,093,113	1,223,008	1,384,309	1,903,294	2,623,484
- Repayment of Principal	186,459	251,017	253,498	204,429	141,928
Interest on Advance received from County of Cumberland Fund	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	-	-	1,400,000	-	-
Total Payments	5,056,759	4,640,051	3,697,123	6,071,700	6,707,218
Excess of Receipts over Payments	1,044,228	2,511,827	3,731,725	1,629,762	2,067,875
<u>Note: Surplus tolls for repayment of loans have been invested as follows -</u>					
Investment in Internal Loan	1,050,000	2,350,000	1,815,033	4,178,876	626,479
Maintenance of Tollwork fund by Commonwealth Grants (National Highway)	748,183	796,951	5,600,000	2,600,000	4,050,000
			770,046	776,197	973,490
<u>Waterfall to Bull Pass Tollwork</u>					
<u>Receipts</u>					
Gross Tolls	1,514,904	1,642,177	1,812,126	1,842,451	1,962,802
Less Collection Costs	568,859	663,331	747,109	881,361	885,775
Net Tolls	946,045	978,846	1,065,017	961,090	1,077,027
Interest on Sinking Fund Investments	588,905	764,478	1,113,569	1,302,388	1,333,775
Total Receipts	1,534,950	1,743,324	2,178,586	2,263,478	2,410,802
<u>Payments</u>					
Tollway Lighting	52,641	49,305	65,037	96,951	113,354
Traffic Facilities	175,000	200,000	200,000	212,715	263,506
Maintenance	410,844	264,509	550,422	400,636	431,702
General Administration	39,000	40,000	50,000	55,000	50,000
Debt Charges:- General Loan Account - Interest and Management Expenses	256,800	268,100	290,300	318,730	323,310
- Sinking Fund	28,500	37,000	36,600	36,100	35,700
Loans raised by the Commissioner - Interest and Management Expenses	2,224,613	1,963,180	1,895,486	1,810,972	1,796,696
- Investment for loan repayments	851,990	851,797	1,186,887	1,375,706	1,407,093
- Repayment of Principal	828,308	960,455	980,564	1,000,274	806,245
Total Payments	4,867,696	4,634,346	5,255,296	5,307,084	5,227,606
Excess of Payments over Receipts	3,332,746	2,891,022	3,076,710	3,043,606	2,816,804
<u>Note: Transfer of motor vehicle taxation to finance deficits have been made as follows -</u>					
	3,332,746	2,891,022	3,076,710	3,043,606	2,816,804

APPENDIX 3

SUMMARY OF LOAN & OTHER DEBT LIABILITIES AS AT 30TH JUNE, 1984

	County of Cumberland Fund	Country Fund	Developmental Roads	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$	\$
"A" GENERAL LOAN ACCOUNT (STATE LOANS)							
GROSS LIABILITY							
Loans prior to 1st July, 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
Loans 1983/84							
Total to 30th June, 1984	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
REPAYMENTS OF PRINCIPAL AND SINKING FUND CONTRIBUTION							
PRIOR TO 1ST JULY, 1983							
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 1st July, 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
DURING 1983/84							
By Department	678,200.00	469,544.98	127,700.00	35,700.00	291,500.00	107,000.00	1,709,644.98
By Commonwealth	158,463.22	109,379.05	6,656.19	8,526.43	69,717.84	25,494.95	378,237.68
Total during 1983/84	836,663.22	578,924.03	134,356.19	44,226.43	361,217.84	132,494.95	2,087,882.66
TOTAL REPAYMENT OF PRINCIPAL AND SINKING FUND TO 30TH JUNE, 1984							
By Department	3,212,580.00	8,225,965.19	803,151.08	356,130.00	3,500,520.00	9,895,345.09	25,993,691.36
By Commonwealth	816,081.20	2,253,586.79	461,165.78	95,424.32	1,167,871.07	1,876,432.32	6,670,561.48
Total to 30th June, 1984	4,028,661.20	10,479,551.98	1,264,316.86	451,554.32	4,668,391.07	11,771,777.41	32,664,252.84
NET LIABILITY AT 30TH JUNE, 1984 - GENERAL LOAN ACCOUNT							
	55,221,338.80	38,055,752.54	2,184,722.13	2,948,445.68	24,281,608.93	8,749,725.08	131,441,593.16
"B" LOANS FROM STATE TREASURY							
GROSS LIABILITY							
Loans prior to 1st July, 1983	7,000,000.00	6,000,000.00	-	-	800,000.00	-	13,800,000.00
Loans 1983/84	-	10,000,000.00	-	-	-	-	10,000,000.00
Total to 30th June, 1984	7,000,000.00	16,000,000.00	-	-	800,000.00	-	23,800,000.00
REPAYMENTS OF PRINCIPAL							
Prior to 1st July, 1983	1,051,302.11	901,116.07	-	-	800,000.00	-	2,752,418.18
During 1983/84	328,562.88	281,625.33	-	-	-	-	610,188.21
Total to 30th June, 1984	1,379,864.99	1,182,741.40	-	-	800,000.00	-	3,362,606.39
NET LIABILITY AT 30TH JUNE, 1984 STATE TREASURY LOANS							
	5,620,135.01	14,817,258.60	-	-	Nil	-	20,437,393.61

APPENDIX 3

SUMMARY OF LOAN & OTHER DEBT LIABILITIES AS AT 30TH JUNE, 1984 (CONTINUED)

	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, 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
Loans 1983/84	26,000,000.00	26,000,000.00	-	-	-	-	52,000,000.00
Total to 30th June, 1984	156,055,000.00	292,100,000.00	-	27,600,000.00	6,000,000.00	9,320,000.00	491,075,000.00
<u>PAYMENT OF PRINCIPAL AND SINKING FUND CONTRIBUTION</u>							
<u>PRIOR TO 1ST JULY, 1983</u>							
Principal	7,275,931.73	6,962,102.80	-	6,597,152.94	1,418,657.19	2,163,287.62	24,417,132.28
Sinking Fund	10,250,850.06	12,658,773.40	-	10,054,563.69	4,339,700.00	6,989,500.00	44,293,387.15
Total to 1st July, 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>DURING 1983/84</u>							
Principal	1,339,975.29	1,158,459.75	-	806,244.87	141,928.58	33,487.37	3,480,095.86
Sinking Fund	606,485.00	1,388,779.00	-	73,318.00	-	-	2,068,582.00
Net Interest on Investment	1,966,296.32	1,818,649.10	-	1,333,775.23	-	-	5,118,720.65
Total during 1983/84	3,912,756.61	4,365,887.85	-	2,213,338.10	141,928.58	33,487.37	10,667,398.51
Total to 30th June, 1984	21,439,538.40	23,986,764.05	-	18,865,054.73	5,900,285.77	9,186,274.99	79,377,917.94
<u>NET LIABILITY AT 30TH JUNE, 1984 - LOANS RAISED UNDER SEMI-GOVERNMENT LOAN PROGRAMME</u>							
	134,615,461.60	268,113,235.95	-	8,734,945.27	99,714.23	133,725.01	411,697,082.06
<u>"D". INTERNAL LOANS FROM LOAN RESERVES</u>							
<u>GROSS LIABILITY</u>							
Loans prior to 1st July, 1983	10,500,000.00	16,100,000.00	-	-	-	-	26,600,000.00
Loans 1983/84	-	15,000,000.00	-	-	-	-	15,000,000.00
Total to 30th June, 1984	10,500,000.00	31,100,000.00	-	-	-	-	41,600,000.00
<u>REPAYMENTS OF PRINCIPAL</u>							
Prior to 1st July, 1983	-	-	-	-	-	-	-
During 1983/84	-	-	-	-	-	-	-
Total to 30th June, 1984	-	-	-	-	-	-	-
<u>NET LIABILITY AT 30TH JUNE, 1984 - INTERNAL LOANS</u>							
	10,500,000.00	31,100,000.00	-	-	-	-	41,600,000.00

APPENDIX 3

SUMMARY OF LOAN AND OTHER DEBT LIABILITIES AS AT 30TH JUNE, 1984 (CONTINUED)

	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, 1983	-	-	-	-	16,863,843.46	872,363.09	17,736,206.55
During 1983/84	-	-	-	-	-	-	-
Funds set aside	-	-	-	-	2,052,995.21	-	2,052,995.21
Interest on Investment	-	-	-	-	2,623,483.83	1,024,909.75	3,648,393.58
Total during 1983/84	-	-	-	-	4,676,479.04	1,024,909.75	5,701,388.79
<u>TOTAL TOLL FUNDS SET ASIDE TO 30TH JUNE, 1984</u>	-	-	-	-	21,540,322.50	1,897,272.84	23,437,595.34
<u>* NET LOAN LIABILITY ON BORROWINGS FROM GENERAL LOAN ACCOUNT, LOANS RAISED UNDER SEMI-GOVERNMENT LOAN PROGRAMME AND INTERNAL LOANS RAISED FROM LOAN RESERVES</u>							
	205,956,935.41	352,086,247.09	2,184,722.13	11,683,390.95	2,841,000.66	6,986,177.25	581,738,473.49
<u>"F" FINANCE FROM LEVERAGED LEASE OF DEPARTMENT'S PLANT AND TRUCKS</u>							
<u>GROSS LIABILITY</u>							
Finance Prior to 1st July, 1983	-	7,800,000.00	-	-	-	-	7,800,000.00
Finance 1983/84	-	-	-	-	-	-	-
Total to 30th June, 1984	-	7,800,000.00	-	-	-	-	7,800,000.00
<u>REPAYMENTS OF PRINCIPAL</u>							
Prior to 1st July, 1983	-	-	-	-	-	-	-
During 1983/84	-	620,250.00	-	-	-	-	620,250.00
Total to 30th June, 1984	-	620,250.00	-	-	-	-	620,250.00
<u>NET LIABILITY AT 30TH JUNE, 1984 - LEVERAGED LEASE FINANCE</u>	-	7,179,750.00	-	-	-	-	7,179,750.00
<u>"G" FINANCE RAISED UNDER DEFERRED PAYMENTS CONTRACT SCHEME</u>							
<u>GROSS LIABILITY</u>							
Finance Prior to 1st July, 1983	-	-	-	-	-	-	-
Finance 1983/84	5,370,747.37	-	-	-	-	-	5,370,747.37
<u>NET LIABILITY AT 30TH JUNE, 1984 - DEFERRED PAYMENTS CONTRACT SCHEME</u>	5,370,747.37	-	-	-	-	-	5,370,747.37
<u>NET LIABILITY ON LOANS AND FINANCE FROM LEVERAGED LEASES AND DEFERRED PAYMENTS CONTRACT SCHEME</u>	211,327,682.78	359,265,997.09	2,184,722.13	11,683,390.95	2,841,000.66	6,986,177.25	594,288,970.86

APPENDIX 4

SEMI-GOVERNMENT LOANS - SCHEDULE OF MATURITIES AS AT 30 JUNE, 1984

Year	County of Cumberland Fund	Country Fund	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$
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	3,952,178	23,687,138	1,655,000	706,100	1,837,184	31,837,600
1987-88	5,696,689	20,306,519	1,138,189	201,966	297,737	27,641,100
1988-89	5,031,649	11,223,407	2,344,000	202,200	749,144	19,550,400
1989-90	1,265,658	8,807,029	205,496	198,034	213,083	10,689,300
1990-91	17,931,678	20,938,561	61,861	-	385,600	39,317,700
1991-92	2,669,751	16,652,449	125,000	450,000	50,000	19,947,200
1992-93	22,036,000	11,444,500	2,975,000	570,400	1,172,500	38,198,400
1993-94	18,026,307	23,359,725	1,936,116	-	12,252	43,334,400
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	10,926,126	10,637,436	134,438	200,000	635,000	22,533,000
1999-2000	-	200,000	-	-	-	200,000
2000-2001	-	6,000,000	-	-	-	6,000,000
Subsequent to 30th June, 2001	10,652,000	8,060,000	2,250,000	750,000	1,300,000	23,012,000
SUB-TOTALS	126,034,000	277,805,706	14,663,100	4,339,700	6,989,500	429,832,006
Amortisation Loans	21,405,093	6,173,731	5,533,502	99,714	133,725	33,345,765
TOTALS	147,439,093	283,979,437	20,196,602	4,439,414	7,123,225	463,177,771

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
FREEWAYS								
F3	GOSFORD	HAWKESBURY RIVER TO CALGA 48.4 KM TO 64.0 KM NORTH OF SYDNEY REHABILITATION & STRENGTHENING OF PAVEMENT	DEPT	1	1,090,938			1,090,938
F3	GOSFORD	48.4 KM TO 64.0 KM NORTH OF SYDNEY BITUMINOUS SURFACING	DEPT	6	887			887
F3	GOSFORD	NORTHERN ABUTMENT OF HAWKESBURY RIVER BRIDGE TO BEROWRA TOLL BITUMINOUS SURFACING	DEPT	6	2,133,790			2,133,790
F3	GOSFORD	SOMERSBY TO OURIMBAH 75.3 KM TO 82.6 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	1	9,357,794			9,357,794
F3	GOSFORD	BRIDGE OVER MOONEY MOONEY CREEK 66.9 KM NORTH OF SYDNEY PROVISION OF ACCESS ROAD	DEPT	1	64,635			64,635
F3	GOSFORD	64.2 KM TO 66.7 KM NORTH OF SYDNEY EARTHWORKS & FINISHING WORKS	DEPT	1	1,357,524			1,357,524
F3	GOSFORD	KARLONG TO SOMERSBY 72.3 KM TO 78.0 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	1	8,022,653			8,022,653
F3	GOSFORD	MOONEY MOONEY CREEK TO KARLONG 67.2 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	1	7,139,987			7,139,987
F3	GOSFORD	MOONEY MOONEY CREEK 66.9 KM NORTH OF SYDNEY THREE SPAN BOX GIRDER BRIDGE - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	14,850			14,850
F3	GOSFORD	DOG TRAP RD SOUTH 78.2 KM NORTH OF SYDNEY OVERBRIDGE	DEPT	1	-268			-268
F3	GOSFORD	64.2 KM TO 66.7 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS PUBLIC UTILITY ADJUSTMENTS	DEPT	1	39,941			39,941
F3	GOSFORD	KARLONG TO SOMERSBY 72.3 KM TO 78.3 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	13,103			13,103
F3	GOSFORD	MOONEY MOONEY CREEK TO KARLONG DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	207,301			207,301
F3	GOSFORD	MOONEY MOONEY CREEK 66.9 KM NORTH OF SYDNEY THREE SPAN BOX GIRDER BRIDGE	DEPT	1	5,765,071			5,765,071
F3	HORNSEY	SYDNEY NEWCASTLE FREEWAY BETWEEN PENNANT HILLS RD & BEROWRA BY-PASS - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	3,056,682			3,056,682
F3	HORNSEY	EDGEWORTH DAVID AVE OVER FT 27.35 KM NORTH OF SYDNEY OVERBRIDGE & APPROACHES	DEPT	1	232,159			232,159

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0002

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	FREEWAYS (CONT'D)							
F3	HORNSBY	SYDNEY NEWCASTLE FREEWAY BETWEEN PENNANT HILLS RD & BEROWRA	DEPT	6	12,226			12,226
	BOUNDARY FENCING							
F3	LAKE MACQUARIE	104.2 KM TO 114.2 KM NORTH OF SYDNEY	DEPT	6	23,955			23,955
	PUBLIC UTILITY ADJUSTMENTS							
F3	LAKE MACQUARIE	WYFE CREEK 105.4 KM NORTH OF SYDNEY	DEPT	6	365,527			365,527
	TWIN FREEWAY BRIDGES							
F3	LAKE MACQUARIE	104.2 KM TO 109.1 KM NORTH OF SYDNEY	DEPT	1	15,525			15,525
	EARTHWORKS, DRAINAGE & PROVISION OF BOUNDARY FENCE							
F3	LAKE MACQUARIE	HATKINS RD TO DORA CREEK 104.2 KM TO 114.2 KM NORTH OF SYDNEY	DEPT	6	43,042			43,042
	DIVIDED CARRIAGEWAYS							
F3	LAKE MACQUARIE	104.2 KM TO 109.1 KM NORTH OF SYDNEY	DEPT	6	222,403			222,403
	CONTROL OF EROSION							
F3	LAKE MACQUARIE	99.0 KM TO 103.6 KM NORTH OF SYDNEY	DEPT	1	4,469			4,469
	DIVIDED CARRIAGEWAYS							
F3	SYDNEY	NORTH WESTERN FREEWAY AT KING ST, SYDNEY	DEPT	6	-946	-256	-655	-1,757
	FOUNDATIONS, SUBSTRUCTURES, VIADUCTS & ASSOCIATED WORKS							
F3	SYDNEY	DRUITT ST, CITY TO BRIDGE RD, GLEBE	DEPT	6	26,465	8,011	20,487	54,963
	PUBLIC UTILITIES ADJUSTMENTS - M.U.S. & D.B.							
F3	SYDNEY	DARLING HARBOUR GOODS YARD	DEPT	6	6,027	1,843	4,712	12,642
	PUBLIC UTILITY ADJUSTMENT SYDNEY COUNTY COUNCIL							
F3	SYDNEY	DRUITT ST, CITY TO BRIDGE RD, GLEBE	DEPT	6	7	2	5	14
	PUBLIC UTILITIES ADJUSTMENTS - PUBLIC TRANSPORT COMMISSION							
F3	SYDNEY	UNION ST TO PYRMONT ST, PYRMONT	COUNCIL	6	13,523	4,093	10,469	28,085
	LANDSCAPING							
F3	SYDNEY	DARLING HARBOUR OVERPASS	DEPT	6	703,574	212,967	544,665	1,461,206
	SUPPLY, FABRICATE & STORE STEEL GIRDERS							
F3	WYONG	OURIMDAH CREEK RD 20.1 KM NORTH OF SYDNEY	DEPT	1	28,991			28,991
	SINGLE SPAN FREEWAY BRIDGE							
F3	WYONG	WALLARAH CREEK TO HATKINS RD 99.2 KM TO 104.2 KM NORTH OF SYDNEY	DEPT	6	941,692			941,692
	DIVIDED CARRIAGEWAYS							
F3	WYONG	GREAT NORTHERN RAILWAY LINE 100.9 KM NORTH OF SYDNEY	DEPT	1	-271,517			-271,517
	MOTORWAY BRIDGE							

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0003

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F7	WYONG	SPRING CREEK 103.2 KM NORTH OF SYDNEY	DEPT	1	-28,738			-28,738
		MOTORWAY BRIDGES						
F7	WYONG	WYONG RIVER TO WALLARAH CREEK 90.3 KM TO 99.2 KM NORTH OF SYDNEY	DEPT	1	6,674,237			6,674,237
		DIVIDED CONCRETE PAVEMENT						
F7	WYONG	DOG TRAP RD NORTH 79.2 KM NORTH OF SYDNEY	DEPT	1	35,702			35,702
		OVERBRIDGE						
F3	WYONG	OURIMBAH CREEK TO WYONG RIVER 24.0 KM TO 90.2 KM NTH OF SYDNEY	DEPT	1	5,666,389			5,666,389
		DIVIDED FOUR LANE CARRIAGEWAYS						
F3	WYONG	WYEE TO DOYALSON 92.0 KM TO 105.4 KM NORTH OF SYDNEY	DEPT	1	4,628,134			4,628,134
		MOTORWAY CONNECTION						
F3	WYONG	90.3 KM TO 99.0 KM NORTH OF SYDNEY	DEPT	1	3,443,989			3,443,989
		DIVIDED FOUR LANE CARRIAGEWAYS						
	TOTAL	F3						61,858,226
F4	AUBURN	MELTON ST TO WENTWORTH ST, AUBURN	DEPT	6	618,292	187,153	478,645	1,284,090
		CONCRETE PAVEMENT						
F4	BLACKTOWN	42.0 KM WEST OF SYDNEY AT ROPER RD, COYLTON	DEPT	6	1,347			1,347
		EASTERN SECTION						
F4	BLACKTOWN	34.6 KM TO 55.3 KM WEST OF SYDNEY	DEPT	6	43,426	13,145	33,618	90,189
		PROVISION OF MANPROOF & GUARD FENCING						
F4	CONCORD	CONCORD RD, CONCORD	DEPT	6	324,303	98,164	251,056	673,523
		EXTENSION AND GRADE SEPARATION - PUBLIC UTILITY ADJUSTMENTS						
F4	CONCORD	NORTHERN RAILWAY LINE AT STRATHFIELD	DEPT	6	16,316	4,939	12,631	33,886
		OVERBRIDGE						
F4	CONCORD	BRIDGE OVER RAILWAY LINE AT POWELL ST, NORTH STRATHFIELD	DEPT	6	13	4	10	27
		MANUFACTURE OF GIRDERS						
F4	CONCORD	YOUNG ST TO SALEYARDS CREEK 17.6 KM TO 15.2 KM WEST OF SYDNEY	DEPT	6	145,643	44,085	112,748	302,476
		DIVIDED TWO LANE CARRIAGEWAYS - STAGE 1						
F4	HOLROYD	CHURCH ST TO MAY'S HILL 22.9 KM TO 25.9 KM WEST OF SYDNEY	DEPT	6	139,802	42,317	108,226	290,345
		DIVIDED TWO LANE CARRIAGEWAYS - STAGE 1						
F4	PARRAMATTA	WENTWORTH ST, CLYDE TO CHURCH ST, PARRAMATTA	DEPT	6	888,010			888,010
		VIADUCT - PILING						

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0004

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F4	PARRAMATTA	WENTWORTH ST, CLYDE TO CHURCH ST, PARRAMATTA VIADUCT - SUBSTRUCTURE & SUPERSTRUCTURE	DEPT	6	2,848,706			2,848,706
F4	PARRAMATTA	WENTWORTH ST, CLYDE TO CHURCH ST, PARRAMATTA VIADUCT	DEPT	6	65,662	19,875	50,831	136,368
F4	PARRAMATTA	BRIDGE OVER DUCK RIVER & WENTWORTH ST, CLYDE ONLOADING RAMP	DEPT	6	2,935	888	2,272	6,095
F4	PARRAMATTA	BRIDGE OVER WENTWORTH ST, CLYDE 21.1 KM WEST OF SYDNEY OFFLOADING RAMP	DEPT	6	2,390	875	2,237	6,002
F4	PARRAMATTA	WENTWORTH ST, CLYDE TO CHURCH ST, PARRAMATTA VIADUCT - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	119,058			119,058
F4	PENRITH	49 KM TO 52.9 KM WEST OF SYDNEY STRENGTHENING OF PAVEMENT - STAGE 4	DEPT	6	479,356	145,098	371,088	995,542
F4	PENRITH	MAMRE RD 45.5 KM WEST OF PENRITH WESTERN INTERCHANGE	DEPT	6	543,672	164,566	420,878	1,129,116
F4	PENRITH	BRINGELLY RD, REGENTVILLE TO RUSSELL ST, EMU PLAINS STRENGTHENING OF SELECTED LENGTHS OF PAVEMENT - STAGE 2	DEPT	6	22,751	6,887	17,612	47,250
F4	PENRITH	35.6 KM TO 56.3 KM WEST OF SYDNEY ASPHALTIC CONCRETE RESHEETING	DEPT	6	9,270	2,308	7,181	19,265
F4	PENRITH	BRIDGE OVER NEPEAN RIVER DUPLICATION	DEPT	6	201,619	61,029	156,082	418,730
F4	PENRITH	35.6 KM TO 56.3 KM WEST OF SYDNEY STRENGTHENING OF PAVEMENT	DEPT	6	1,623,451	491,408	1,256,779	3,371,638
F4	STRATHFIELD	POMEROY ST TO PARRAMATTA RD, HOME BUSH UPGRADING OF UNDERWOOD RD	COUNCIL	6	4,912	1,487	3,803	10,202
F4	STRATHFIELD	SALEYARDS CREEK TO JAMES RUSE DR, CLYDE DIVIDED FOUR LANE CARRIAGEWAYS - STAGE 2	DEPT	6	1,735,719	525,391	1,343,690	3,604,800
F4	STRATHFIELD	WENTWORTH RD, HOME BUSH PEDESTRIAN OVERBRIDGE	DEPT	6	2,696	816	2,087	5,599
F4	STRATHFIELD	SALEYARDS CREEK TO BERRY ST, CLYDE DIVIDED TWO LANE CARRIAGEWAYS	DEPT	6	-277,428	-83,976	-214,768	-576,172
TOTAL		F4						15,706,092

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0005

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS OF LOANS \$	TOTAL \$
	FREWAYS (CONT'D)							
F5	LIVERPOOL	GEORGES RIVER BRIDGE FROM MOOREBANK AVE TO SH2,	LIVERPOOL					
	APPROACHES		DEPT	6	-69,159	-20,934	-53,539	-143,632
F5	LIVERPOOL	BRIDGE OVER GEORGES RIVER, CASULA	DEPT	7	1,325,892			1,325,892
	APPROACHES							
F5	LIVERPOOL	GEORGE'S RIVER, CASULA	DEPT	6	321,071			321,071
	SEVEN SPAN REINFORCED CONCRETE BRIDGE							
F5	WINGECARRIEE	121.0 KM TO 130.0 KM SOUTH OF SYDNEY - BERRIMA BY-PASS	DEPT	6		66,905		66,905
	DIVIDED CARRIAGEWAYS							
F5	WOLLONGONG	87.4 KM SOUTH OF SYDNEY - BRIDGE OVER FREEWAY AT AVON DAM RD	DEPT	1	150,108			150,108
	BRIDGE TO CARRY METROPOLITAN WATER BOARD PIPELINE							
	TOTAL	F5						1,720,344
F5	WOLLONGONG	4.5 KM TO 9.1 KM SOUTH OF WOLLONGONG	DEPT	6		2,085,199		2,085,199
	REHABILITATION OF PAVEMENT							
F6	WOLLONGONG	MT BROWN TO YALLAH 15.2 KM TO 17.5 KM SOUTH OF WOLLONGONG	DEPT	6		4,424,247		4,424,247
	SINGLE CARRIAGEWAY							
F5	WOLLONGONG	11.0 KM TO 12.4 KM SOUTH OF WOLLONGONG	DEPT	6		-1,885,998		-1,885,998
	DIVIDED CARRIAGEWAYS							
F6	WOLLONGONG	EMERSON RD TO YALLAH 14.2 KM TO 17.5 KM SOUTH OF WOLLONGONG	DEPT	6		-1,970,150		-1,970,150
	SINGLE CARRIAGEWAY							
F5	WOLLONGONG	FOWLERS RD TO MT BROWN 12.4 KM TO 15.2 KM SOUTH OF WOLLONGONG	DEPT	6		4,524,844		4,524,844
	SINGLE CARRIAGEWAY							
F5	WOLLONGONG	BRIDGE OVER BYAMEE ST 12.0 KM TO 14.0 KM SOUTH OF WOLLONGONG	DEPT	6		443,529		443,529
	APPROACHES							
F6	WOLLONGONG	BRIDGE OVER BYAMEE ST, DAPTO 12.7 KM SOUTH OF WOLLONGONG	DEPT	6		272,681		272,681
	DUPLICATION							
F5	WOLLONGONG	1.7 KM SOUTH OF DAPTO AT YALLAH	DEPT	6		11,773		11,773
	PRESTRESSED CONCRETE PLANK BRIDGE							
	TOTAL	F6						7,906,125
F2	WOLLONGONG	TOWADGI TO ROTHERY RD 3.9 KM TO 5.3 KM NORTH OF GWYNNEVILLE	DEPT	6		134,276		134,276
	PRELIMINARY WORKS							

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0006

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F2	WOLLONGONG	BRIDGE OVER FREEWAY AT NORTH WOLLONGONG GRADE SEPARATION BRIDGE	DEPT	6	1,405,986			1,405,986
F2	WOLLONGONG	CABBAGE TREE CREEK, NORTH WOLLONGONG THREE SPAN PRESTRESSED CONCRETE BRIDGE - PILE DRIVING TESTS	DEPT	6		42,484		42,484
F2	WOLLONGONG	2.0 KM NORTH OF WOLLONGONG PUBLIC UTILITY ADJUSTMENTS	DEPT	6		269,337		269,337
F2	WOLLONGONG	3.3 KM TO 10.73 KM SOUTH OF SH1 PRELIMINARY FILLING	DEPT	6		819,646		819,646
F3	WOLLONGONG	NORTH WOLLONGONG INTERCHANGE - ACTIVITY 2, STAGE 1	DEPT	6		1,800,984		1,800,984
F3	WOLLONGONG	INTERCHANGE BETWEEN F3 & SH1 AT NORTH WOLLONGONG APPROACHES TO NEW RAIL OVERBRIDGE & BRIDGE OVER FREEWAY	DEPT	6		297,780		297,780
F2	WOLLONGONG	BRIDGE OVER CABBAGE TREE CREEK, NORTH WOLLONGONG SUPPLY & INSTALLATION OF PILES	DEPT	6		546,171		546,171
TOTAL		F2						5,316,664
TOTAL		FREEWAYS			73,748,208	13,816,393	4,942,850	92,507,451

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0007

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS							
1	BEGA VALLEY	55.5 KM TO 56.65 KM SOUTH OF EDEN WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	116,182	16,793	149,275	282,250
1	BEGA VALLEY	MERIMBULA LAKE, MERIMEULA THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	2	6	1	8	15
1	BEGA VALLEY	BRIDGE OVER MERIMBULA LAKE 34.3 KM SOUTH OF BEGA APPROACHES	DEPT	2	43,849	6,338	56,339	106,526
1	BEGA VALLEY	BRIDGE OVER WONDROYN RIVER 26.4 KM TO 27.2 KM SOUTH OF EDEN APPROACHES	DEPT	2	11,380	1,645	14,621	27,646
1	BEGA VALLEY	PRINCES HIGHWAY & MARKET ST, MERIMBULA IMPROVEMENT OF INTERSECTION	DEPT	2	8,650	1,250	11,113	21,013
1	EUROBODALLA	MULLENDEREE CREEK 24.3 KM TO 24.5 KM SOUTH OF BATEMANS BAY MULTI-CELL CULVERT & SIDE TRACK	DEPT	2	36,045	5,210	46,313	87,568
1	EUROBODALLA	COILA CREEK 38.4 KM SOUTH OF BATEMANS BAY SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	266,651			266,651
1	EUROBODALLA	DOOGA CREEK, 23.8 KM SOUTH OF BATEMANS BAY WIDENING OF SINGLE SPAN REINFORCED CONCRETE BRIDGE	DEPT	2	61,438	8,880	78,939	149,257
1	EUROBODALLA	MULLENDEREE CREEK 2.3 KM SOUTH OF BATEMANS BAY SIX CELL REINFORCED CONCRETE BOX CULVERT	DEPT	2	19,654	2,841	25,252	47,747
1	EUROBODALLA	71.7 KM TO 77.8 KM SOUTH OF BATEMANS BAY WIDENING OF PAVEMENT & BITUMINOUS SURFACING OF SHOULDERS	DEPT	2	19,770	2,858	25,402	48,030
1	EUROBODALLA	42.0 KM TO 45.0 KM SOUTH OF BATEMANS BAY WIDENING OF SHOULDERS	DEPT	2	9,191	1,328	11,809	22,328
1	EUROBODALLA	111.7 KM TO 118.9 KM SOUTH OF NOWRA RECONSTRUCTION OF PAVEMENT & BITUMINOUS SURFACING OF SHOULDERS	DEPT	2	879,504	121,341	1,078,633	2,039,478
1	EUROBODALLA	BRIDGE OVER COILA CREEK 39.5 KM SOUTH OF BATEMANS BAY APPROACHES	DEPT	2	23,717	3,428	30,472	57,617
1	KIAMA	40.5 KM TO 42.1 KM SOUTH OF WOLLONGONG RECONSTRUCTION	DEPT	6		1,450,078		1,450,078
1	KIAMA	38.1 KM TO 40.5 KM SOUTH OF WOLLONGONG IMPROVEMENT OF ALIGNMENT	DEPT	6		534,242		534,242
1	KIAMA	33.5 KM TO 35.3 KM SOUTH OF WOLLONGONG AT KIAMA TRAFFIC RELIEF ROUTE	DEPT	6		922,453		922,453

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0008

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COMPL WLT \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
1	KOGARAH	BRIDGE OVER GEORGES RIVER AT TOM UGLY'S POINT - DUPLICATION - PUBLIC UTILITY ADJUSTMENTS	COUNCIL	6	-296,460	-89,737	-229,502	-615,699
1	KOGARAH	BRIDGE OVER GEORGES RIVER AT TOM UGLY'S POINT DUPLICATION - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	1,305,380			1,305,380
1	KOGARAH	GEORGES RIVER AT TOM UGLY'S POINT, SYLVANIA DUPLICATION OF NINE SPAN COMPOSITE STEEL GIRDER BRIDGE	DEPT	6	3,042,225			3,042,225
1	KOGARAH	NEW BRIDGE OVER GEORGES RIVER AT TOM UGLY'S POINT NORTHERN & SOUTHERN APPROACHES	DEPT	6	189,705	57,422	146,858	393,985
1	KOGARAH	PRINCES HIGHWAY & JUBILEE AVE, CARLTON REALIGNMENT & PROVISION OF RIGHT TURN BAYS	DEPT	6	13,620	4,123	10,544	28,287
1	ROCKDALE	FOREST RD & WICKHAM ST, ARNDCLIFFE CHANNELISATION OF INTERSECTION	DEPT	6	210,466	63,707	162,930	437,103
1	SHELLHARBOUR	TONGARRA RD & NEHME AVE, ALBION PARK RECONSTRUCTION	DEPT	6		847,467		847,467
1	SHOALHAVEN	79.1 KM TO 72.3 KM SOUTH OF WOLLONGONG CHANNELISATION OF INTERSECTION	DEPT	2	20,570	2,973	26,429	49,972
1	SHOALHAVEN	13.0 KM TO 14.5 KM SOUTH OF NOWRA HEAVY PATCHING	DEPT	2	326,535	47,197	419,544	793,274
1	SHOALHAVEN	BRIDGE OVER LUNCHEON CREEK 42.9 KM TO 43.2 KM SOUTH OF NOWRA WIDENING OF APPROACHES	DEPT	2	15,032	2,173	19,314	36,519
1	SHOALHAVEN	DURRAS LAKE TURN OFF 105.0 KM SOUTH OF NOWRA IMPROVEMENTS TO TURN OFF	COUNCIL	2	14,495	2,094	18,612	35,191
1	SHOALHAVEN	BRIDGE OVER TOMERONG CREEK 22.0 KM TO 22.9 KM SOUTH OF NOWRA WIDENING OF APPROACHES	DEPT	2	26,574	3,841	34,143	64,558
1	SHOALHAVEN	TWIN BRIDGES OVER SHOALHAVEN RIVER, NOWRA NORTHERN APPROACHES	DEPT	2	19,864	2,371	25,523	48,258
1	SHOALHAVEN	BRIDGE OVER MIDDLE CREEK, NOWRA 262.1 KM SOUTH OF SYDNEY WIDENING OF APPROACHES	DEPT	2	681	127	1,132	2,140
1	SHOALHAVEN	BRIDGE OVER BACKHOUSE CREEK, NOWRA 263.0 KM SOUTH OF SYDNEY WIDENING OF APPROACHES	DEPT	2	224	32	288	544
1	SHOALHAVEN	LUNCHEON CREEK 42.95 KM SOUTH OF NOWRA REINFORCED CONCRETE BOX CULVERT	DEPT	2	95,293	13,774	122,437	231,504

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0009

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
1	SHOALHAVEN	BRIDGE OVER SHOALHAVEN RIVER, NOWRA SOUTHBOUND CYCLEWAY	DEPT	2	117,022	16,914	150,355	284,291
1	SHOALHAVEN	EAST ST FROM SHOALHAVEN RIVER TO BROWNS CREEK, NOWRA DIVIDED TWO LANE CARPIAGEWAYS	DEPT	2	65,859	9,519	84,619	159,997
1	SHOALHAVEN	19.2 KM TO 23.0 KM SOUTH OF NOWRA PROVISION OF ADDITIONAL OVERTAKING LANES	DEPT	2	69,180	9,999	88,886	168,065
1	SUTHERLAND	PORT HACKING RD TO BATES DR, SYLVANIA RIGHT TURN BAYS	DEPT	6	155,831	47,169	120,635	323,635
1	SUTHERLAND	FORIST RD, KIRRAWEE PEDESTRIAN OVERBRIDGE	DEPT	6	62,229	18,836	48,174	129,239
1	SYDNEY	CLEVELAND ST TO BROADWAY, ULTIMO MEDIAN ALTERATIONS & ASPHALT RESHEETING	COUNCIL	6	186,753	56,529	144,573	387,855
1	SYDNEY	MITCHELL RD & SH1, ST PETERS PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	72,502	9,838	25,161	67,501
1	WOLLONGONG	44.9 KM TO 70.3 KM SOUTH OF SYDNEY HEAVY PATCHING OF PAVEMENT	DEPT	6	7,669	2,321	5,937	15,927
1	WOLLONGONG	46.6 KM TO 47.4 KM SOUTH OF SYDNEY PROVISION OF PASSING LANES	DEPT	6	3,467	1,049	2,684	7,200
1	WOLLONGONG	67.2 KM TO 69.6 KM SOUTH OF SYDNEY SUBSOIL, DRAINAGE & RESTORATION OF FORMATION WIDTH	DEPT	6	7,142	2,162	5,529	14,833
1	WOLLONGONG	39.3 KM TO 65.8 KM SOUTH OF SYDNEY HEAVY PATCHING OF SELECTED LENGTHS	DEPT	6	77,896	23,579	60,302	161,777
1	WOLLONGONG	39.2 KM TO 46.6 KM SOUTH OF SYDNEY IMPROVEMENT TO SIGHT DISTANCE	DEPT	6	162,182	49,091	125,552	336,825
1	WOLLONGONG	46.6 KM TO 47.4 KM SOUTH OF SYDNEY AT HELENSBURGH PROVISION OF PASSING LANES - STAGE II	DEPT	6	83,441	25,257	64,595	173,293
1	WOLLONGONG	7.7 KM TO 8.3 KM SOUTH OF WOLLONGONG KERBSIDE LANES	COUNCIL	6		78,127		78,127
1	WOLLONGONG	GIBSONS RD TO FIVE ISLANDS RD, FIGTREE RECONSTRUCTION INCLUDING SIDE STRIPS	COUNCIL	6		44,884		44,884
1	WOLLONGONG	81.40 KM TO 89.04 KM SOUTH OF SYDNEY AT DEVIATION OF MR295 IMPROVEMENT OF INTERSECTION	COUNCIL	6		54,983		54,983

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0010

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM ^W WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)						
1	WOLLONGONG	12.6 KM TO 14.0 KM SOUTH OF WOLLONGONG AT DAPTO DIVIDED CARRIAGEWAYS	COUNCIL	6	31,639		31,639
1	WOLLONGONG	GLADSTONE AVE TO GIBSONS RD, FIGTREE FOUR LANE CARRIAGEWAY	COUNCIL	6	112,210		112,210
1	WOLLONGONG	ORANGEGROVE RD TO NORTHCLIFFE OR RECONSTRUCTION TO FOUR LANES	COUNCIL	2	19,314	2,792	46,921
1	WOLLONGONG	17.8 KM TO 18.8 KM SOUTH OF WOLLONGONG RECONSTRUCTION	DEPT	6	565,793		565,793
1	WOLLONGONG	SOUTH COAST RAILWAY LINE, NORTH WOLLONGONG THREE SPAN REINFORCED CONCRETE BRIDGE	DEPT	6	1,661,176		1,661,176
	TOTAL	1					17,589,778
2	ALBURY	171.3 KM TO 172.3 KM SOUTH OF GUNDAGAI IMPROVEMENT OF INTERSECTION	DEPT	1	139,437		139,437
2	ALBURY	30.75 KM TO 32.60 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS	DEPT	1	1,118,857		1,118,857
2	ALBURY	82.6 KM TO 102.7 KM SOUTH OF GUNDAGAI REHABILITATION OF FLAKING SECTIONS OF PAVEMENT	DEPT	1	-579,113		-579,113
2	ALBURY	153.0 KM TO 160.9 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	1,148,680		1,148,680
2	ALBURY	177.4 KM TO 177.7 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	759,279		759,279
2	BANKSTOWN	ROBERT RD & PEMBERTON ST, CHULLORA RECONSTRUCTION OF INTERSECTION	DEPT	6	104	31	215
2	BANKSTOWN	WOODVILLE RD TO ROOKWOOD RD, BANKSTOWN REPLACEMENT OF FAILED PAVEMENT	DEPT	6	96,853	29,317	201,148
2	GOULBURN	192.3 KM SOUTH OF SYDNEY REPLACEMENT OF BASE MATERIAL & BITUMINOUS SURFACING	DEPT	1	-24,540		-24,540
2	GOULBURN	192.2 KM SOUTH OF SYDNEY REHABILITATION OF PAVEMENT	DEPT	1	29,306		29,306
2	GUNDAGAI	11.3 KM TO 13.5 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS ON DEVIATION - SECTION 1A	DEPT	1	-79,450	-11,484	-193,015

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0011

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	GUNDAGAI	71.0 KM TO 78.0 KM SOUTH OF YASS SINGLE CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	70,178			70,178
2	GUNDAGAI	90.0 KM TO 99.5 KM SOUTH OF YASS SOUTH BOUND CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	298,518			298,518
2	GUNDAGAI	102.35 KM TO 109.35 KM SOUTH OF YASS SUPPLY & LAYING OF ASPHALTIC OVERLAY	DEPT	1	1,086,116			1,086,116
2	GUNDAGAI	7.0 KM TO 14.4 KM SOUTH OF YASS SUPPLY & LAYING OF ASPHALTIC CONCRETE - CONTRACT	DEPT	1	1,504,915			1,504,915
2	GUNDAGAI	86.66 KM TO 87.56 KM SOUTH OF SOULBURN PAVEMENT REHABILITATION & WIDENING	DEPT	1	311,593			311,593
2	GUNDAGAI	102.5 KM SOUTH OF YASS ALTERATION TO SOUTHBOUND LOADING RAMP	DEPT	1	38,507			38,507
2	GUNDAGAI	13.5 KM TO 22.3 KM SOUTH OF GUNDAGAI - SECTION 1 PROVISION OF CONCRETE PAVEMENT	DEPT	1	4,198,703			4,198,703
2	GUNDAGAI	22.3 KM TO 28.6 KM SOUTH OF GUNDAGAI STAGE 1 - EARTHWORKS & DRAINAGE	DEPT	1	2,638,295			2,638,295
2	GUNDAGAI	99.9 KM SOUTH OF YASS HEAVY PATCHING	DEPT	1	6,780			6,780
2	GUNDAGAI	96.8 KM TO 98.7 KM SOUTH OF YASS REHABILITATION OF PAVEMENT	DEPT	1	826,092			826,092
2	GUNDAGAI	28.0 KM TO 35.5 KM SOUTH OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	8,225			8,225
2	GUNDAGAI	71.0 KM TO 78.0 KM STH OF YASS SINGLE CARRIAGEWAY - PROPERTY ADJUSTMENTS	DEPT	1	155,667			155,667
2	GUNDAGAI	89.0 KM TO 94.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	12,877			12,877
2	GUNDAGAI	76.0 KM TO 77.5 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	2,982			2,982
2	GUNDAGAI	HILLAS CREEK 26.0 KM SOUTH OF GUNDAGAI TWIN BRIDGES	DEPT	1	-1,116			-1,116
2	GUNDAGAI	ADELONG CREEK 13.65 KM SOUTH OF GUNDAGAI FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	1	40,740			40,740

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0012

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 (CONT'D)							
2	GUNDAGAI	7.84 KM TO 9.50 KM SOUTH OF GUNDAGAI STAGE 2 - PROVISION OF PAVEMENT	DEPT	1	300,902			300,902
2	GUNDAGAI	5.75 KM TO 7.84 KM SOUTH OF GUNDAGAI SINGLE CARRIAGEWAY	DEPT	1	1,224,080			1,224,080
2	GUNDAGAI	66.1 KM TO 70.0 KM SOUTH OF YASS SINGLE CARRIAGEWAY	DEPT	1	688,533			688,533
2	GUNDAGAI	2.32 KM TO 5.75 KM SOUTH OF GUNDAGAI ONE LANE CARRIAGEWAY	DEPT	1	40,056			40,056
2	GUNDAGAI	JUGIONG TO TARCUTTA RANGE 47.9 KM TO 138.9 KM SOUTH OF YASS RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	2,947			2,947
2	GUNDAGAI	11.3 KM TO 13.5 KM SOUTH OF GUNDAGAI - SECTION 1A DIVIDED CARRIAGEWAYS ON DEVIATION	DEPT	1	874,161			874,161
2	GUNDAGAI	93.6 KM TO 101.0 KM SOUTH OF GOULBURN SUPPLY & LAYING OF ASPHALTIC CONCRETE	DEPT	1	74,637			74,637
2	GUNDAGAI	86.66 KM TO 87.56 KM SOUTH OF GOULBURN REHABILITATION & WIDENING OF PAVEMENT	DEPT	1	82,139			82,139
2	GUNDAGAI	71.0 KM TO 70.0 KM SOUTH OF YASS SINGLE CARRIAGEWAY	DEPT	1	805,099			805,099
2	GUNDAGAI	90.0 KM TO 99.5 KM SOUTH OF YASS SOUTHBOUND CARRIAGEWAY	DEPT	1	1,172,387			1,172,387
2	GUNDAGAI	TUMBLONG DEVIATION 22.3 KM SOUTH OF GUNDAGAI - SECTION 2 DIVIDED CARRIAGEWAYS & PAVEMENT SURFACING	DEPT	1	1,352,289			1,352,289
2	GUNNING	LADE VALE TURNOFF 55.7 KM SOUTH OF GOULBURN REHABILITATION OF PAVEMENT	DEPT	1	38,196			38,196
2	GUNNING	24.4 KM TO 30.1 KM SOUTH OF OF GOULBURN WIDENING OF FORMATION & BITUMINOUS SURFACING OF SHOULDERS	DEPT	1	67,198			67,198
2	GUNNING	61.0 KM TO 61.8 KM SOUTH OF GOULBURN REHABILITATION OF PAVEMENT	DEPT	1	102,744			102,744
2	GUNNING	30.9 KM TO 31.8 KM & 32.9 KM TO 33.5 KM SOUTH OF GOULBURN WIDENING & BITUMINOUS SURFACING OF SHOULDERS	DEPT	1	48,933			48,933
2	GUNNING	44.4 KM TO 46.8 KM SOUTH OF GOULBURN REHABILITATION OF PAVEMENT	DEPT	1	64,003			64,003

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0013

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	GUNNING	56.1 KM TO 62.7 KM SOUTH OF GOULBURN WIDENING & BITUMINOUS SURFACING OF SHOULDERS	DEPT	1	237,479			237,479
2	GUNNING	27.2 KM TO 29.8 KM SOUTH OF GOULBURN REHABILITATION OF PAVEMENT	DEPT	1	20,194			20,194
2	GUNNING	50.5 KM TO 52.2 KM & 54.2 KM TO 56.1 KM SOUTH OF GOULBURN WIDENING & BITUMINOUS SURFACING OF SHOULDERS	DEPT	1	596			596
2	HARDEN	52.0 KM TO 57.0 KM SOUTH OF YASS STAGE 1 - SOUTHBOUND CARRIAGEWAY	DEPT	1	1,493,033			1,493,033
2	HARDEN	47.0 KM TO 52.0 KM SOUTH OF YASS DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	30,054			30,054
2	HARDEN	52.0 KM TO 57.0 KM SOUTH OF YASS SOUTHBOUND CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	31,730			31,730
2	HARDEN	49.3 KM TO 49.75 KM SOUTH OF YASS HEAVY PATCHING	DEPT	1	-1,615			-1,615
2	HARDEN	COONEY'S CREEK 65.4 KM SOUTH OF YASS THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	1	-673			-673
2	HARDEN	42.75 KM TO 43.50 KM SOUTH OF YASS REHABILITATION OF PAVEMENT & WIDENING OF FORMATION	DEPT	1	20,456			20,456
2	HARDEN	62.4 KM TO 66.1 KM SOUTH OF YASS REHABILITATION & BITUMINOUS OVERLAY OF PAVEMENT	DEPT	1	600,772			600,772
2	HARDEN	52.0 KM TO 57.0 KM SOUTH OF YASS STAGE 1- SOUTHBOUND CARRIAGEWAY PROPERTY ADJUSTMENTS	DEPT	1	37,650			37,650
2	HARDEN	47.6 KM TO 52.0 KM SOUTH OF YASS DIVIDED CARRIAGEWAYS	DEPT	1	554,175			554,175
2	HARDEN	62.5 KM TO 65.2 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT	DEPT	1	46,333			46,333
2	HOLBROOK	HUME HIGHWAY & WAGGA RD, HOLBROOK PROVISION OF TURNING LANES	DEPT	1	4,214			4,214
2	HOLBROOK	HUME HIGHWAY & BARDWELL ST, HOLBROOK PROVISION OF TURNING LANES	DEPT	1	24,104			24,104
2	HOLBROOK	118 KM TO 124 KM SOUTH OF SUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	718,463			718,463

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	HOLBROOK	118.0 KM TO 124.0 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	991,511			991,511
2	HUME	175.6 KM TO 177.4 KM SOUTH OF GUNDAGAI AT MATE ST, ALPURY REHABILITATION OF PAVEMENT	DEPT	1	112,204			112,204
2	HUME	163.05 KM TO 166.09 KM SOUTH OF GUNDAGAI RECONSTRUCTION OF NORTHBOUND CARRIAGEWAY	DEPT	1	814,359			814,359
2	HUME	153.0 KM TO 160.9 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	1,238,039			1,238,039
2	LIVERPOOL	CROSS ROADS, LIVERPOOL TO BRIDGE OVER F5 PUBLIC UTILITY ADJUSTMENTS	COUNCIL	6	14,867	4,500	11,509	30,876
2	LIVERPOOL	INTERSECTION WITH GOVERNOR MACQUARIE DR & WARWICK ST ALTERNATE INGRESS & EGRESS	COUNCIL	6	9,486	2,871	7,343	19,700
2	LIVERPOOL	HUME HIGHWAY & SOUTH WESTERN FREEWAY, LIVERPOOL WIDENING & CHANNELISATION OF INTERSECTION	DEPT	6	211,460	64,008	163,700	439,168
2	LIVERPOOL	GROVE ST TO KUPRAJONG RD, LIVERPOOL HEAVY PATCHING & ASPHALTIC CONCRETE OVERLAY	DEPT	6	63,216	19,135	48,938	131,289
2	MULWAREE	7.1 KM TO 12.8 KM SOUTH OF GOULBURN STRENGTHENING OF PAVEMENT ON NORTHBOUND CARRIAGEWAY	DEPT	1	1,832,728			1,832,728
2	MULWAREE	184.75 KM TO 188.65 KM SOUTH OF SYDNEY RESTORATION OF SHOULDER & REPLACEMENT OF GUARDRAIL	DEPT	1	88,098			88,098
2	MULWAREE	2.9 KM TO 7.1 KM SOUTH OF GOULBURN STRENGTHENING OF PAVEMENT ON NORTHBOUND CARRIAGEWAYS	DEPT	1	663,005			663,005
2	MULWAREE	2.9 KM TO 7.1 KM SOUTH OF GOULBURN STRENGTHENING OF PAVEMENT ON SOUTHBOUND CARRIAGEWAY	DEPT	1	2,428			2,428
2	MULWAREE	21.7 KM TO 24.2 KM SOUTH OF GOULBURN OVERLAY OF PAVEMENT & IMPROVEMENT OF SHOULDERS	DEPT	1	150,390			150,390
2	MULWAREE	MARULAN CHECKING STATION 166.6 KM SOUTH OF SYDNEY REHABILITATION OF NORTHBOUND ENTRANCE	DEPT	1	64,313			64,313
2	MULWAREE	163.7 KM TO 166.2 KM SOUTH OF SYDNEY REHABILITATION OF NORTHBOUND SLOW LANE	DEPT	1	73,700			73,700
2	MULWAREE	166.6 KM TO 170.6 KM SOUTH OF SYDNEY STRENGTHENING & PATCHING OF PAVEMENT	DEPT	1	125,416			125,416

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0015

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
2	MULWARRIE	MARULAN BY-PASS 172.9 KM TO 180.4 KM SOUTH OF SYDNEY DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	418,315			418,315
2	MULWARRIE	MARULAN BY-PASS 172.9 KM TO 180.4 KM SOUTH OF SYDNEY DIVIDED CARRIAGEWAYS & BRIDGEWORKS	DEPT	1	1,490,759			1,490,759
2	MULWARRIE	30.0 KM TO 32.0 KM NORTH OF GOULBURN STRENGTHENING OF PAVEMENT ON CLIMBING LANE	DEPT	1	1,068			1,068
2	MULWARRIE	14.7 KM TO 19.0 KM SOUTH OF GOULBURN RECONSTRUCTION & OVERLAY OF PAVEMENT TO WIDTH OF 13.4 METRES	DEPT	1	3,390			3,390
2	MULWARRIE	172.6 KM TO 177.2 KM SOUTH OF SYDNEY STAGE - 2 OVERLAY OF PAVEMENT	DEPT	1	660,196			660,196
2	MULWARRIE	BRIDGE OVER URINGALLA CREEK 165.0KM TO 165.8KM SOUTH OF SYDNEY APPROACHES - SOUTHBOUND CARRIAGEWAY	DEPT	1	62,914			62,914
2	MULWARRIE	17.3 KM TO 20.5 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS - EARTHWORKS & DRAINAGE	DEPT	1	1,577,610			1,577,610
2	MULWARRIE	MARULAN BY-PASS 164.15 KM TO 171.45 KM SOUTH OF SYDNEY DIVIDED CARRIAGEWAYS - PROPERTY ADJUSTMENTS	DEPT	1	284,674			284,674
2	MULWARRIE	SH3 TO BREADALEANE HILL 17.3 KM TO 20.5 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS - PRELIMINARY WORKS	DEPT	1	74,225			74,225
2	MULWARRIE	WOLOGORONG CREEK 155.05 KM TO 165.8 KM SOUTH OF SYDNEY TEN SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	353,079			353,079
2	MULWARRIE	URINGALLA CREEK 165.0 KM TO 165.8 KM SOUTH OF SYDNEY BRIDGE - SOUTHBOUND CARRIAGEWAY	DEPT	1	85			85
2	MULWARRIE	166.6 KM TO 170.6 KM SOUTH OF SYDNEY PATCHING & OVERLAY OF PAVEMENT	DEPT	1	785,663			785,663
2	MULWARRIE	2.9 KM TO 12.0 KM SOUTH OF GOULBURN SUPPLY & LAYING ASPHALTIC CONCRETE	DEPT	1	48,781			48,781
2	MULWARRIE	7.1 KM TO 12.6 KM SOUTH OF GOULBURN STRENGTHENING OF PAVEMENT ON SOUTHBOUND CARRIAGEWAY	DEPT	1	153,920			153,920
2	MULWARRIE	CARRICK HILL 184.0 KM SOUTH OF SYDNEY RECONSTRUCTION OF PAVEMENT	DEPT	1	132,357			132,357
2	WAGGA WAGGA	36.27 KM TO 49.85 KM SOUTH OF GUNDAGAI UPGRADING OF EXISTING ALIGNMENT	DEPT	1	624,466			624,466

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0016

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^{MLTH} S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
2	WAGGA WAGGA	47.7 KM TO 49.8 KM SOUTH OF GUNDAGAI WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	1,744			1,744
2	WAGGA WAGGA	KYEAMBA RANGE 78.34 KM TO 95.34 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAYS	DEPT	1	-29,882			-29,882
2	WAGGA WAGGA	80.75 KM TO 82.6 KM SOUTH OF GUNDAGAI DIVIDED CARRIAGEWAY	DEPT	1	3,504,695			3,504,695
2	WAGGA WAGGA	62.1 KM TO 65.6 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	815,455			815,455
2	WAGGA WAGGA	67.8 KM TO 70.3 KM SOUTH OF GUNDAGAI REHABILITATION OF PAVEMENT	DEPT	1	744,783			744,783
2	WINGECARRIBEE	152.9 KM TO 154.3 KM SOUTH OF SYDNEY DIVIDED CARRIAGEWAYS ON IMPROVED ALIGNMENT	DEPT	1	46,303			46,303
2	WINGECARRIBEE	146.5 KM TO 150.3 KM SOUTH OF SYDNEY TWO LANE CARRIAGEWAY	DEPT	1	4,042,415			4,042,415
2	WINGECARRIBEE	AYLMERTON TO MITTAGONG 116.0 KM TO 122.0 KM SOUTH OF SYDNEY DIVIDED FOUR LANE CARRIAGEWAYS	DEPT	1	853,364	-97,806	-869,430	-113,872
2	WINGECARRIBEE	146.5 KM TO 150.3 KM SOUTH OF SYDNEY FENCING & PRELIMINARY WORK	DEPT	1	9,189	1,328	11,806	22,323
2	WINGECARRIBEE	BLACK BOSS CREEK 26.97 KM SOUTH OF MITTAGONG FOUR SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	476,737			476,737
2	WINGECARRIBEE	BRIDGE OVER MEDWAY RIVULET 144.0 KM SOUTH OF SYDNEY WIDENING & DUPLICATION	DEPT	1	286,311			286,311
2	WINGECARRIBEE	144.0 KM TO 148.0 KM SOUTH OF SYDNEY PUBLIC UTILITY ADJUSTMENTS	DEPT	1	108,980			108,980
2	WINGECARRIBEE	81.6 KM TO 169.4 KM SOUTH OF SYDNEY HEAVY PATCHING	DEPT	1	468,222			468,222
2	WINGECARRIBEE	154.3 KM TO 166.0 KM SOUTH OF SYDNEY REHABILITATION OF DIVIDED CARRIAGEWAY	DEPT	1	176,968			176,968
2	WINGECARRIBEE	146.5 KM TO 150.3 KM SOUTH OF SYDNEY TWO LANE CARRIAGEWAY	DEPT	1	-232,540	-33,611	-298,778	-564,929
2	WINGECARRIBEE	CHERRY TREE HILL 144.0 KM TO 148.0 KM SOUTH OF SYDNEY NORTHBOUND CARRIAGEWAY	DEPT	1	5,820	88	781	6,689

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0017

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	WINGECARRIBLE	144.0 KM TO 146.0 KM SOUTH OF SYDNEY	DEPT	1	19,453			19,453
	FENCING							
2	WOLLONDILLY	PICTON TO MITTAGONG LOOP LINE 120.0 KM SOUTH OF	SYDNEY					
	WIDENING OF PAVEMENT		DEPT	1	4,286			4,286
2	YASS	16.1 KM TO 19.2 KM SOUTH OF YASS						
	STRENGTHENING OF PAVEMENT & WIDENING OF CULVERT		DEPT	1	215,766			215,766
2	YASS	22.2 KM TO 23.6 KM SOUTH OF YASS						
	STRENGTHENING OF PAVEMENT		DEPT	1	13,026			13,026
2	YASS	8.0 KM TO 8.33 KM SOUTH OF YASS						
	STRENGTHENING OF PAVEMENT		DEPT	1	15,501			15,501
2	YASS	81.23 KM TO 81.50 KM SOUTH OF GOULBURN						
	STRENGTHENING OF PAVEMENT		DEPT	1	56,063			56,063
2	YASS	5.0 KM TO 5.8 KM SOUTH OF YASS						
	HEAVY PATCHING & IMPROVEMENT OF DRAINAGE		DEPT	1	54,527			54,527
2	YASS	2.2 KM TO 47.9 KM SOUTH OF YASS						
	STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE		DEPT	1	-450			-450
2	YASS	19.95 KM TO 25.0 KM SOUTH OF YASS						
	REHABILITATION OF PAVEMENT		DEPT	1	803,606			803,606
2	YASS	33 KM TO 34.8 KM SOUTH OF YASS						
	INTERIM WORK FOR IMPROVEMENT OF ALIGNMENT & GRADING		DEPT	1	463,401			463,401
2	YASS	16.1 KM TO 19.8 KM SOUTH OF YASS						
	EARTHWORKS, DRAINAGE & RECONSTRUCTION OF PAVEMENT		DEPT	1	1,307,603			1,307,603
	TOTAL							50,949,045
3	GUNNING	55.0 KM TO 57.7 KM SOUTH OF GOULBURN						
	GRAVULAR OVERLAY & BITUMINOUS SURFACING		DEPT	1	39,894			39,894
3	GUNNING	37.7 KM TO 40.3 KM SOUTH OF GOULBURN						
	WIDENING & STRENGTHENING OF PAVEMENT		DEPT	1	367			367
3	GUNNING	42.34 KM TO 49.20 KM SOUTH OF GOULBURN						
	WIDENING OF FORMATION & BITUMINOUS SURFACING OF SHOULDERS		DEPT	1	3,336			3,336
3	MULWAREE	BRIDGE OVER WILLOW TREE CREEK 28.0 KM SOUTH OF GOULBURN						
	APPROACHES		DEPT	1	319,230			319,230

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0018

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LT ^H \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
3	MULWAREE	29.55 KM TO 30.5 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS	DEPT	1	2,469,164			2,469,164
3	MULWAREE	COLLECTOR BYPASS 30.55 KM TO 37.0 KM SOUTH OF GOULBURN SOUTHBOUND CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	159,109			159,109
3	MULWAREE	22.0 KM TO 28.0 KM SOUTH OF GOULBURN REHABILITATION OF NORTHBOUND CARRIAGEWAY	DEPT	1	958,755			958,755
3	MULWAREE	22.2 KM TO 23.0 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS	DEPT	1	27,838			27,838
3	MULWAREE	COLLECTOR BYPASS 30.55 TO 37.0 KM SOUTH OF GOULBURN SOUTHBOUND CARRIAGEWAY & BRIDGES	DEPT	1	1,940,979			1,940,979
3	MULWAREE	WILLOW TREE CREEK 29.1 KM SOUTH OF GOULBURN THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	37	5	47	89
3	MULWAREE	COLLECTOR BY-PASS 30.55 KM TO 37.0 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS - PROPERTY ADJUSTMENTS	DEPT	1	249,441			249,441
3	MULWAREE	19.0 KM TO 26.5 KM SOUTH OF GOULBURN GRAVULAR OVERLAY & BITUMINOUS SURFACING	DEPT	1	562,465			562,465
3	YARROWLUMLA	65.0 KM TO 72.5 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	907,743			907,743
3	YARROWLUMLA	65.0 KM TO 72.5 KM SOUTH OF GOULBURN DIVIDED CARRIAGEWAYS - PROPERTY ADJUSTMENT	DEPT	1	71,761			71,761
	TOTAL	3						7,710,171
4	TUMUT	1.0 KM TO 6.0 KM EAST OF TUMUT REALIGNMENT, RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	9,968	1,441	12,807	24,216
4	TUMUT	173.3 KM TO 181.3 KM WEST OF COOMA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	29,123	4,209	37,419	70,751
4	TUMUT	27.8 KM TO 45.3 KM WEST OF TUMUT WIDENING & STRENGTHENING OF PAVEMENT & DRAINAGE WORKS	DEPT	2	411,746	59,513	529,029	1,000,288
	TOTAL	4						1,095,255
5	ASHFIELD	HUME HIGHWAY & PARRAMATTA RD, ASHFIELD CHANNELISATION OF INTERSECTION	DEPT	6	68,849	20,840	53,299	142,988

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0019

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LT ^H S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
5	ASHFIELD	BRIDGE OVER HAWTHORNE CANAL, SUMMER HILL RECONSTRUCTION OF APPROACHES	DEPT	6	163,532	49,500	126,597	339,629
5	BATHURST	STEWART ST & DURHAM ST 0.2 KM TO 2.5 KM WEST OF WIDENING & CHANNELISATION OF INTERSECTION	BATHURST COUNCIL	1	7,017	1,014	9,015	17,046
5	BATHURST	STEWART ST TO PIPER ST, BATHURST RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	83,533	12,074	107,326	202,933
5	BLACKTOWN	31.6 KM TO 35.0 KM WEST OF SYDNEY WIDENING TO SIX LANES & LOADING RAMP	DEPT	6	1,446,284			1,446,284
5	BLACKTOWN	31.4 KM TO 40.4 KM WEST OF SYDNEY UPGRADING OF STEEL GUARD FENCING	DEPT	6	19,423	5,879	15,036	40,338
5	BLACKTOWN	31.6 KM TO 35.0 KM WEST OF SYDNEY PROVISION OF SEALED DETOUR	DEPT	6	8,850	2,679	6,851	18,380
5	BLACKTOWN	31.6 KM TO 35.0 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	117,570	35,588	91,015	244,173
5	BLUE MOUNTAINS	62.2 KM WEST OF SYDNEY SINGLE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	6	31,831	9,635	24,642	66,108
5	BLUE MOUNTAINS	59.12 KM TO 120.59 KM WEST OF SYDNEY HEAVY PATCHING	DEPT	6	216,056	65,399	167,257	448,712
5	BLUE MOUNTAINS	BLAXLAND TO WAFRIMOO 66.4 KM TO 68.4 KM WEST OF SYDNEY RECONSTRUCTION & IMPROVEMENT OF INTERSECTION	DEPT	6	329,078	99,610	254,753	683,441
5	BLUE MOUNTAINS	80.9 KM TO 83.7 KM WEST OF SYDNEY STRENGTHENING, RESHAPING & BITUMINOUS SURFACING OF PAVEMENT	DEPT	6	91,406	27,668	70,761	189,835
5	BLUE MOUNTAINS	69.8 KM TO 72.6 KM WEST OF SYDNEY RECONSTRUCTION & STRENGTHENING OF DEFORMED PAVEMENT SECTIONS	DEPT	6	827,510	250,482	640,609	1,718,601
5	BLUE MOUNTAINS	RAILWAY STATION, FAULCONBRIDGE WIDENING & IMPROVEMENT OF CREST	DEPT	6	8,456	2,560	6,546	17,562
5	BLUE MOUNTAINS	LAPSTONE TO BLACKHEATH 59.4 KM TO 117.42 KM WEST OF SYDNEY PUBLIC UTILITY ADJUSTMENTS	DEPT	6	7,391	2,237	5,722	15,350
5	BLUE MOUNTAINS	LEURA TO MT VICTORIA 101.5 KM TO 121.7 KM WEST OF SYDNEY MINOR REALIGNMENT & WIDENING OF FORMATION	DEPT	6	753,934	228,211	583,650	1,565,795
5	BLUE MOUNTAINS	SHORT ST TO VIEW ST, BLAXLAND DIVIDED CARRIAGEWAYS	DEPT	6	21,325	6,606	16,896	45,327

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)								
5	BLUE MOUNTAINS	74.0 KM TO 77.8 KM WEST OF SYDNEY AT FAULCONBRIDGE WIDENING & STRENGTHENING OF PAVEMENT	DEPT	6	544,114	164,700	421,221	1,130,035
5	BLUE MOUNTAINS	SCOTT AVE & SHS, LEURA 100.1 KM WEST OF SYDNEY RECONSTRUCTION OF JUNCTION	DEPT	6	207	63	160	430
5	BLUE MOUNTAINS	72.24 KM TO 73.08 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	6	76,333	23,106	59,093	158,532
5	BLUE MOUNTAINS	65.28 KM TO 66.16 KM WEST OF SYDNEY AT BLAXLAND RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	6	196,681	59,534	152,259	408,474
5	BLUE MOUNTAINS	97.84 KM TO 98.08 KM WEST OF SYDNEY RECONSTRUCTION TO PROVIDE RIGHT HAND TURN BAY	DEPT	6	60,033	18,172	46,474	124,679
5	BLUE MOUNTAINS	BENT ST, KATOOMBA 104.3 KM TO 105.8 KM WEST OF SYDNEY DEVIATION OF GREAT WESTERN HIGHWAY	DEPT	6	126,345	38,244	97,809	262,398
5	BLUE MOUNTAINS	78.5 KM TO 79.35 KM WEST OF SYDNEY RECONSTRUCTION & SURFACING INCLUDING WIDENING	DEPT	6	109	33	85	227
5	BLUE MOUNTAINS	89.05 KM TO 89.35 KM WEST OF SYDNEY RIGHT TURN LANE & EASTBOUND OVERTAKING LANE	DEPT	6	12,161	3,681	9,414	25,256
5	BLUE MOUNTAINS	61.0 KM TO 68.0 KM WEST OF SYDNEY RESTORATION & IMPROVEMENT TO GUARDRAIL	DEPT	6	36,358	11,005	28,146	75,509
5	BLUE MOUNTAINS	FLETCHER ST, GLENBROOK 64.25 KM WEST OF SYDNEY OVERBRIDGE	COUNCIL	6	419	127	325	871
5	DRUMDYNE	PARRAMATTA RD & GREAT NORTH RD, FIVE DOCK CHANNELISATION OF INTERSECTION	DEPT	6	1,042	315	806	2,163
5	GREATER LITHGOW	30.5 KM TO 34.5 KM WEST OF LITHGOW AT MEADOW FLAT TREE PLANTING	DEPT	1	8,317	1,202	10,686	20,205
5	GREATER LITHGOW	0.4 KM TO 2.3 KM WEST OF LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	451,408	65,246	579,990	1,096,644
5	GREATER LITHGOW	23.2 KM TO 24.6 KM WEST OF KATOOMBA RECONSTRUCTION TO PROVIDE CLIMBING LANE & STRENGTHENING	DEPT	1	212,599	30,729	273,157	516,485
5	GREATER LITHGOW	38.5 KM TO 39.7 KM WEST OF KATOOMBA DIVIDED CARRIAGEWAYS & CHANNELISATION OF INTERSECTION	DEPT	1	442,167	63,910	568,116	1,074,193
5	GREATER LITHGOW	36.61 KM TO 37.74 KM WEST OF KATOOMBA AT GOOD LUCK HOLLOW RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	34,384	4,970	44,178	83,532

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0021

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
5	GREATER LITHGOW	35.9 KM TO 36.1 KM WEST OF KATJOMBA IMPROVEMENT OF INTERSECTION	DEPT	6		18,605		18,605
5	GREATER LITHGOW	37.4 KM TO 37.9 KM WEST OF KATJOMBA RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	10,359	1,497	13,310	25,166
5	GREATER LITHGOW	FARMERS CREEK 1.2 KM WEST OF LITHGOW TWIN BRIDGES	DEPT	1	690	100	886	1,676
5	GREATER LITHGOW	MAIN WESTERN RAILWAY LINE 1.95 KM WEST OF LITHGOW TWIN THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGES	DEPT	1	117,947	17,033	151,416	286,296
5	HOLROYD	BERITH RD TO BERESFORD RD, GREYSTANES RECONSTRUCTION OF DAMAGED PAVEMENT WITH BITUMINOUS SURFACING	DEPT	6	25,876	7,832	20,031	53,739
5	HOLROYD	SH5 AT FRANCIS RD, MAYS HILL JUNCTION	DEPT	6	2,985	903	2,311	6,199
5	PARRAMATTA	SH5 & MR309, CLYDE IMPROVEMENT OF INTERSECTION INCLUDING DOUBLE RIGHT TURN LANES	DEPT	6	-164,761	-49,872	-127,548	-342,181
5	PARRAMATTA	ROSEHILL ST TO LANSDOWNE ST, PARRAMATTA RECONSTRUCTION OF PAVEMENT & DRAINAGE IMPROVEMENT	DEPT	6	3,791	1,147	2,935	7,873
5	PENRITH	55.5 KM TO 56.0 KM WEST OF SYDNEY DRAINAGE & BITUMINOUS SURFACING OF SHOULDERS	DEPT	6	107,512	32,543	83,229	223,284
5	PENRITH	49.89 KM TO 52.35 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	797,122	241,284	617,084	1,655,490
5	PENRITH	45.8 KM TO 47.1 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	460,066	139,259	356,155	955,480
5	PENRITH	47.10 KM TO 48.41 KM WEST OF SYDNEY RECONSTRUCTION & WIDENING	DEPT	6	3,060	926	2,369	6,355
5	PENRITH	SOUTH CREEK, ST MARYS FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	6	134,251	40,637	103,929	278,817
5	PENRITH	GREAT WESTERN HIGHWAY 51.5 KM WEST OF SYDNEY LEFT TURN LANE	DEPT	6	759	230	587	1,576
5	PENRITH	GREAT WESTERN HIGHWAY & PARKER ST, KINGSWOOD IMPROVEMENT OF INTERSECTION	DEPT	6	2,178	659	1,686	4,523
TOTAL		5						15,365,033

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0022

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)							
6	BLAND	8.5 KM TO 31.5 KM NORTH OF WEST WYALONG STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	2,328	337	2,992	5,657
6	BLAYNEY	63.3 KM TO 70.4 KM WEST OF BATHURST WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	332,216	48,018	426,846	807,080
6	COWRA	LACHLAN RIVER, COWRA RELOCATION OF COUNCIL WATERMAIN & REMOVAL OF TREES	COUNCIL	2	985	142	1,265	2,392
6	COWRA	LACHLAN RIVER AT COWRA SEVEN SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	2	1,938,826			1,938,826
6	COWRA	100.67 KM TO 101.57 KM WEST OF BATHURST STRENGTHENING OF PAVEMENT & WIDENING OF FORMATION	COUNCIL	2	-5,348	-773	-6,871	-12,992
6	COWRA	LYNCH ST FROM LIVERPOOL ST TO MAIN ST, COWRA RECONSTRUCTION & BITUMINOUS SURFACING STAGE - 1	COUNCIL	2	35,154	5,081	45,168	85,403
6	COWRA	LYNCH ST FROM LIVERPOOL ST TO MAIN ST COWRA RECONSTRUCTION & BITUMINOUS SURFACING STAGE - 2	COUNCIL	2	21,482	3,105	27,601	52,188
6	COWRA	BRIDGE OVER LACHLAN RIVER AT COWRA APPROACHES	COUNCIL	2	14,425	2,094	18,612	35,191
6	COWRA	3.37 KM TO 6.29 KM WEST OF COWRA REHABILITATION OF PAVEMENT	COUNCIL	2	40,729	5,887	52,330	98,946
6	COWRA	6.7 KM TO 7.3 KM WEST OF COWRA REHABILITATION OF PAVEMENT	COUNCIL	2	28,971	4,187	37,223	70,381
6	HAY	250.6 KM TO 251.6 KM WEST OF WYALONG RECONSTRUCTION & IMPROVEMENT OF ALIGNMENT & WIDENING TO 10.4 M	DEPT	2	1,244	180	1,598	3,022
6	HAY	0 KM TO 0.9 KM EAST OF SH21, HAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	19,002	2,747	24,415	46,164
6	HAY	1.9 KM TO 2.4 KM EAST OF HAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	19,143	2,767	24,596	46,506
6	WEDDIN	MURRAY'S CREEK 44.3 KM SOUTH WEST OF COWRA SIX CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	2	28,971	4,187	37,223	70,381
6	WEDDIN	55.2 KM TO 60.9 KM WEST OF GRENFELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	1	-8,047	-1,163	-10,339	-19,549
6	WEDDIN	60.7 KM TO 63.2 KM WEST OF GRENFELL STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	80,474	11,632	103,397	195,503

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0023

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)							
	TOTAL 6							3,425,099
7	BOURKE	110.0 KM TO 130.0 KM NORTH OF BOURKE RESTORATION OF SHOULDERS	DEPT	1	43,849	6,338	56,339	106,526
7	CABONNE	39.9 KM TO 41.1 KM NORTH OF ORANGE REHABILITATION OF PAVEMENT	DEPT	1	31,936	4,616	41,033	77,585
7	CABONNE	28.7 KM TO 33.3 KM WEST OF BATHURST REHABILITATION & IMPROVEMENT TO GRADING & ALIGNMENT	DEPT	1	456,719	66,014	586,814	1,109,547
7	EVANS	BRIDGE OVER ROCKS CREEK NO.2 10.8 KM WEST OF BATHURST WIDENING	DEPT	1	28,072	4,058	36,069	68,199
7	EVANS	ROCKS CREEK NO.1 10.0 KM WEST OF BATHURST WIDENING OF BRIDGE	DEPT	1	25	4	32	61
7	EVANS	BRIDGE OVER ROCKS CREEK NO.1 12.2 KM WEST OF BATHURST APPROACHES	DEPT	1	209,750	30,317	269,497	509,564
7	ORANGE	52.2 KM TO 54.27 KM WEST OF BATHURST RECONSTRUCTION & BITUMINOUS SURFACING AT RAILWAY LEVEL CROSSING	COUNCIL	1	12,458	1,801	16,007	30,266
7	ORANGE	2.46 KM TO 3.5 KM NORTH WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	-12,458	-1,801	-16,007	-30,266
7	ORANGE	SUMMER ST TO MARCH ST, ORANGE RECONSTRUCTION	COUNCIL	1	28,971	4,187	37,223	70,381
7	ORANGE	53.5 KM TO 53.2 KM WEST OF BATHURST RECONSTRUCTION	COUNCIL	1	115,883	16,750	148,892	281,525
7	WELLINGTON	TWO MILE CREEK 66.6 KM TO 72.55 KM NORTH OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	597,639	86,382	767,874	1,451,895
	TOTAL 7							3,675,283
8	HOGAN	2.5 KM TO 12.6 KM WEST OF NYNGAN WIDENING OF FORMATION & RESHEETING OF SHOULDERS	DEPT	1	191,927	27,741	246,596	466,264
8	CENTRAL DARLING	147.5 KM TO 177.2 KM WEST OF COBAR WIDENING OF SHOULDERS	DEPT	1	342,592	49,518	440,177	832,287
8	CENTRAL DARLING	BRIDGES OVER TALLYWALKA CREEK 242.0 KM WEST OF COBAR APPROACHES - STAGE 2	DEPT	1	408,754			408,754

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0024

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
8	CENTRAL DARLING	BRIDGES OVER TALYAWALKA CREEK 248.0 KM WEST OF COBAR	COBAR					
	APPROACHES - STAGE 1		DEPT	1	645,415	93,287	829,258	1,567,960
8	COBAR	0.0 KM TO 104.0 KM WEST OF COBAR						
	HEAVY PATCHING		DEPT	1	49,335	7,131	63,388	119,854
8	COBAR	115.5 KM TO 125.1 KM WEST OF NYNGAN						
	RECONSTRUCTION & FORMATION WIDENING		DEPT	1	117,283	16,952	150,691	284,926
8	WESTERN DIVISION	12.2 KM TO 19.3 KM WEST OF BROKEN HILL						
	RECONSTRUCTION & WIDENING OF PAVEMENT		DEPT	1	-12,030	-1,739	-15,456	-29,225
8	WESTERN DIVISION	16.0 KM TO 19.3 KM WEST OF BROKEN HILL						
	RECONSTRUCTION & WIDENING OF PAVEMENT		DEPT	1	281,393	40,672	361,547	683,612
8	WESTERN DIVISION	34.7 KM & 36.8 KM WEST OF BROKEN HILL						
	ELIMINATION OF NARROW DIPS		DEPT	1	6,552	947	8,418	15,917
8	WESTERN DIVISION	20.0 KM TO 27.0 KM WEST OF BROKEN HILL						
	REHABILITATION OF PAVEMENT		DEPT	1	303,134	43,814	389,480	736,428
	TOTAL							5,086,777
9	ARMIDALE	KENTUCKY ST & RAILWAY PDE, ARMIDALE						
	RECONSTRUCTION OF INTERSECTION		COUNCIL	1	322,312			322,312
9	DUMARESQ	DEVILS PINCH 18.25 KM TO 22.95 KM NORTH OF ARMIDALE						
	REALIGNMENT		DEPT	1	290,090			290,090
9	DUMARESQ	15.2 KM TO 18.2 KM NORTH OF ARMIDALE						
	REHABILITATION OF PAVEMENT		DEPT	1	831,848			831,848
9	GUYRA	59.6 KM TO 62.3 KM NORTH OF ARMIDALE						
	WIDENING & PROVISION OF CLIMBING LANE		DEPT	1	967,969			967,969
9	GUYRA	59.6 KM TO 62.3 KM NORTH OF ARMIDALE						
	WIDENING & PROVISION OF CLIMBING LANE - PROPERTY ADJUSTMENTS		DEPT	1	2,760			2,760
9	MAITLAND	32.2 KM TO 34.2 KM NORTH OF NEWCASTLE						
	PROPERTY ADJUSTMENTS (CENTRAL SECTION)		DEPT	6		4,642		4,642
9	MAITLAND	30.5 KM TO 32.2 KM NORTH OF NEWCASTLE						
	DIVIDED TWO LANE CARRIAGEWAYS (EASTERN SECTION)		DEPT	6	235,133			235,133
9	MAITLAND	29.6 KM TO 30.35 KM WEST OF NEWCASTLE						
	REHABILITATION OF PAVEMENT - PUBLIC UTILITY ADJUSTMENTS		DEPT	6	306,887			306,887

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0025

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)								
9	MAITLAND	30.5 KM TO 32.2 KM NORTH OF NEWCASTLE DIVIDED CARRIAGEWAYS PUBLIC UTILITY ADJUSTMENTS EASTERN SECTION	DEPT	6	991,484			991,484
9	MAITLAND	9.4 KM TO 104.4 KM NORTH OF MAITLAND REHABILITATION & SEALING SHOULDERS	DEPT	1	107,212			107,212
9	MAITLAND	15.6 KM TO 16.7 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT	DEPT	1	242,338			242,338
9	MAITLAND	29.6 KM TO 30.35 KM WEST OF NEWCASTLE REHABILITATION OF PAVEMENT	DEPT	6	2,711			2,711
9	MAITLAND	15.6 KM TO 16.7 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT & PUBLIC UTILITY ADJUSTMENT	DEPT	6	34,842			34,842
9	MAITLAND	15.6 KM TO 16.7 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT	DEPT	1	625,489			625,489
9	MAITLAND	13.7 KM TO 15.6 KM WEST OF MAITLAND RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	6	7,371			7,371
9	MAITLAND	15.3 KM TO 15.5 KM WEST OF MAITLAND RECONSTRUCTION OF PAVEMENT	DEPT	6		21,475		21,475
9	MAITLAND	28.4 KM TO 29.5 KM NORTH OF NEWCASTLE FOUR LANE CARRIAGEWAY	DEPT	6		-516,037		-516,037
9	MAITLAND	32.2 KM TO 34.2 KM NORTH OF NEWCASTLE DIVIDED CARRIAGEWAYS - PUBLIC UTILITY ADJUSTMENTS	DEPT	6		74,811		74,811
9	MAITLAND	28.4 KM TO 29.5 KM NORTH OF NEWCASTLE FOUR LANE CARRIAGEWAY	DEPT	6	466,298			466,298
9	MAITLAND	WALLIS CREEK 30.5 KM TO 32.2 KM NORTH OF NEWCASTLE PRESTRESSED CONCRETE BRIDGE (EASTERN SECTION)	DEPT	6	85,867			85,867
9	MURRURUNDI	MAIN NORTHERN RAILWAY LINE 48 KM NORTH OF MUSWELLBROOK THREE SPAN REINFORCED CONCRETE BRIDGE	DEPT	1	315,116			315,116
9	MURRURUNDI	51.4 KM TO 58.1 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	352,578			352,578
9	MURRURUNDI	68.75 KM TO 77.56 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	466,907			466,907
9	MURRURUNDI	MAIN NORTHERN RAILWAY LINE 47.3 KM NORTH OF MUSWELLBROOK MOTORWAY - FENCING	DEPT	1	13,915			13,915

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0026

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
9	MURRURUNDI	MAIN NORTHERN RAILWAY LINE 47.3KM NORTH OF MUSWELLBROOK PROVISION OF ACCESS ROAD	DEPT	1	1,019	147	1,309	2,475
9	MURRURUNDI	66.6 KM TO 68.75 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	855,069			855,069
9	MUSWELLBROOK	RUTHERFORD TO BELL ST, MUSWELLBROOK RECONSTRUCTION OF PAVEMENT	DEPT	1	-13,352	33,763	300,130	320,541
9	MUSWELLBROOK	75.7 KM TO 78.15 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	690,666			690,666
9	MUSWELLBROOK	69.5 KM TO 81.5 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	2,924,786			2,924,786
9	MUSWELLBROOK	RUTHERFORD ST TO BELL ST, MUSWELLBROOK RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	1,598			1,598
9	NEWCASTLE	16.4 KM TO 42.8 KM WEST OF NEWCASTLE REHABILITATION OF SELECTED LENGTHS	DEPT	6	692,768			692,768
9	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM SOUTHERN APPROACH	DEPT	1	255,483			255,483
9	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM SOUTHERN APPROACH - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	5,490			5,490
9	NEWCASTLE	2.27 KM TO 4.83 KM WEST OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	6	946,459			946,459
9	PARRY	MACDONALD RIVER & PERRY'S CREEK NORTH OF TAMWORTH PROPERTY ADJUSTMENT	DEPT	1	33,167	4,794	42,615	80,576
9	PARRY	24.9 KM TO 29.9 KM NORTH OF TAMWORTH RECONSTRUCTION TO PROVIDE ADDITIONAL LANES	DEPT	1	501			501
9	PARRY	MACDONALD RIVER 41.1 KM NORTH OF TAMWORTH AT BENDEMEER PRESTRESSED CONCRETE BRIDGE	DEPT	1	855,482			855,482
9	PARRY	BRIDGE OVER MACDONALD RIVER 40.8 KM NORTH OF TAMWORTH FENCING & PRELIMINARY WORK	DEPT	1	25,198	3,642	32,376	61,216
9	PARRY	39.25 KM TO 42.70 KM NORTH OF TAMWORTH DEVIATION - PROPERTY ADJUSTMENTS	DEPT	1	2,142			2,142
9	PARRY	28.06 KM TO 29.5 KM NORTH OF TAMWORTH AT MOONBI MOUNTAINS PROPERTY ADJUSTMENTS	DEPT	1	7,007			7,007

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0027

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)								
9	PARRY	MACDONALD RIVER & PERRY'S CREEK NORTH OF TAMWORTH BRIDGE PUBLIC UTILITY ADJUSTMENTS	DEPT	1	35,413			35,413
9	PARRY	28.06 KM TO 29.5 KM NORTH OF TAMWORTH AT MOONBI MOUNTAINS RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	18,295			18,295
9	PARRY	MACDONALD RIVER & PERRY'S CREEK NORTH OF TAMWORTH PROPERTY ADJUSTMENTS	DEPT	1	13,553	1,959	17,414	32,926
9	PARRY	22.0 KM TO 25.0 KM NORTH OF TAMWORTH REHABILITATION OF PAVEMENT	DEPT	1	35,207			35,207
9	QUIRINDI	86.4 KM TO 93.0 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	1,424,402			1,424,402
9	QUIRINDI	93.0 KM TO 98.0 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	938,474			938,474
9	QUIRINDI	98.0 KM TO 103.1 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	803,510			803,510
9	QUIRINDI	DEVILS ELBOW CREEK 106.2 KM TO 109.4 KM NORTH OF MUSWELLBROOK STRENGTHENING OF PAVEMENT	DEPT	1	602,066			602,066
9	SCONE	BRIDGE OVER HUNTER RIVER 12.3 KM NORTH OF MUSWELLBROOK PUBLIC UTILITY ADJUSTMENTS	DEPT	1	58,044			58,044
9	SCONE	KELLY ST, SCONE REHABILITATION OF PAVEMENT	DEPT	1	24,162			24,162
9	SCONE	10.2 KM TO 12.7 KM NORTH OF MUSWELLBROOK REHABILITATION OF PAVEMENT	DEPT	1	40,096			40,096
9	SCONE	KELLY ST SCONE, BETWEEN KINGDON ST & SUSAN ST RECONSTRUCTION	DEPT	1	55,445	2,014	71,238	134,697
9	SCONE	KELLY ST FROM KINGDON ST TO SUSAN ST, SCONE RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	148,155			148,155
9	SCONE	KELLY ST FROM KINGDON ST TO SUSAN ST, SCONE RECONSTRUCTION	DEPT	1	505,382			505,382
9	SEVERN	90.6 KM TO 91.7 KM NORTH OF ARMIDALE RECONSTRUCTION & WIDENING OF BRIDGE	DEPT	1	202,394			202,394
9	SEVERN	34.5 KM TO 35.5 KM NORTH OF ARMIDALE REHABILITATION OF PAVEMENT	DEPT	1	88,108			88,108

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0028

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
9	SEVERN	2.5 KM TO 34.2 KM NORTH OF GLEN INNES HEAVY PATCHING AT SELECTED LOCATIONS	DEPT	1	148,382			148,382
9	SEVERN	81.4 KM TO 84.5 KM NORTH OF ARMIDALE REHABILITATION OF PAVEMENT	DEPT	6	407,497			407,497
9	SEVERN	50.0 KM TO 50.0 KM NORTH OF ARMIDALE HEAVY PATCHING AT SELECTED LOCATIONS	DEPT	6	286,143			286,143
9	SEVERN	85.5 KM TO 90.74 KM NORTH OF ARMIDALE WIDENING OF PAVEMENT	DEPT	1	322,577			322,577
9	SINGLETON	HERDEN RD & SYLVESTERS RD 81.9 KM TO 84.3 KM NORTH OF MAITLAND PROVISION OF OVERTAKING, ACCELERATION & DECELERATION LANES	DEPT	1	11,543	1,668	14,831	28,042
9	SINGLETON	63.0 KM TO 68.8 KM NORTH OF MAITLAND REHABILITATION - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	60,348			60,348
9	SINGLETON	DUNNOLLY BRIDGE OVER HUNTER RIVER AT SINGLETON PUBLIC UTILITY ADJUSTMENTS	DEPT	1	22,030			22,030
9	SINGLETON	KENT ST TO DUNNOLLY BRIDGE, SINGLETON REHABILITATION OF PAVEMENT	COUNCIL	1	438,969			438,969
9	SINGLETON	KELSO ST TO TOWNSEND PARK, SINGLETON REHABILITATION OF PAVEMENT	COUNCIL	1	153,482			153,482
9	SINGLETON	45.69 KM TO 46.1 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	COUNCIL	1	98,218			98,218
9	SINGLETON	BOWMAN'S CREEK 15.74 KM WEST OF SINGLETON FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	1	37			37
9	SINGLETON	DUNNOLLY BRIDGE OVER HUNTER RIVER AT SINGLETON BRIDGE PILES & PILE CAPS	DEPT	1	479,556			479,556
9	SINGLETON	DUNNOLLY BRIDGE OVER HUNTER RIVER AT SINGLETON BRIDGE SUPERSTRUCTURE	DEPT	1	168,344			168,344
9	SINGLETON	75.15 TO 81.5 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	614,817			614,817
9	SINGLETON	NEW BRIDGE OVER HUNTER RIVER AT SINGLETON PUBLIC UTILITY ADJUSTMENTS	DEPT	1	617			617
9	SINGLETON	31.2 KM TO 33.3 KM NORTH OF MAITLAND PASSING LANE	DEPT	1	1,384,206			1,384,206

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0029

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ¹ MLTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
9	SINGLETON	81.0 KM TO 84.3 KM NORTH OF MAITLAND PROVISION OF OVERTAKING, ACCELERATION & DECELERATION LANES	DEPT	1	-24,312			-24,312
9	SINGLETON	19.7 KM TO 22.7 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	502,418			502,418
9	SINGLETON	BRIDGE OVER BOWMANS CREEK 50.9 KM TO 65.5 KM NORTH OF MAITLAND APPROACHES	DEPT	1	119,420			119,420
9	SINGLETON	63.3 KM TO 87.9 KM WEST OF MAITLAND REHABILITATION OF SELECTED LENGTHS OF PAVEMENT	DEPT	1	7			7
9	SINGLETON	34.5 KM TO 109.5 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	765,867			765,867
9	SINGLETON	33.3 KM TO 35.2 KM NORTH OF MAITLAND REHABILITATION OF PAVEMENT	DEPT	1	1,076,777			1,076,777
9	TAMWORTH	2.75 KM TO 4.75 KM NORTH OF TAMWORTH REHABILITATION OF PAVEMENT	COUNCIL	1	56,511			56,511
9	TAMWORTH	3.71 KM TO 4.86 KM NORTH OF TAMWORTH REHABILITATION OF PAVEMENT	COUNCIL	1	403,935			403,935
9	TAMWORTH	WHITE ST TO EAST ST, TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	333,926			333,926
9	TAMWORTH	BRIDGE OVER LODERS GULLY 6.66 KM TO 6.84 KM NORTH OF TAMWORTH WIDENING OF APPROACHES	DEPT	1	11,786			11,786
9	TENTERFIELD	11.3 KM TO 13.7 KM NORTH OF TENTERFIELD STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	401,231			401,231
9	TENTERFIELD	4.6 KM TO 7.7 KM NORTH OF TENTERFIELD STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	943,912			943,912
9	TENTERFIELD	59.6 KM TO 77.3 KM NORTH OF GLEN INNES REHABILITATION	DEPT	1	478,934			478,934
9	TENTERFIELD	14.4 KM TO 17.0 KM NORTH OF TENTERFIELD REHABILITATION OF PAVEMENT	DEPT	1	203,898			203,898
9	TENTERFIELD	74.0 KM TO 77.0 KM NORTH OF GLEN INNES REHABILITATION OF PAVEMENT	DEPT	1	15,233			15,233
9	TENTERFIELD	SADDY CREEK 62.6 KM NORTH OF GLEN INNES BRIDGE	DEPT	1	2,384			2,384

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0030

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ² WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
9	TENTERFIELD WIDENING	BRIDGE OVER PYES CREEK 59.45 KM NORTH OF GLEN INNES	DEPT	1	139,823			139,823
9	TENTERFIELD PRESTRESSED CONCRETE PLANK BRIDGE	TARDAN CREEK 15.7 KM NORTH OF TENTERFIELD	DEPT	1	67,089			67,089
9	URALLA DEVIATION	90.0 KM TO 94.84 KM NORTH OF TAMWORTH	DEPT	1	12,109			12,109
9	URALLA REHABILITATION OF PAVEMENT	74.30 KM TO 75.08 KM NORTH OF TAMWORTH	DEPT	1	930,690			930,690
9	URALLA REHABILITATION OF PAVEMENT	95.0 KM TO 103.0 KM NORTH OF TAMWORTH	DEPT	1	700,238			700,238
TOTAL		9						30,802,749
10	BALLINA RECONSTRUCTION OF DAMAGED PAVEMENT	5.9 KM TO 7.1 KM NORTH OF BALLINA	DEPT	1	103,593	14,973	133,101	251,667
10	BALLINA RECONSTRUCTION & BITUMINOUS SURFACING	117.15 KM TO 117.80 KM NORTH OF GRAFTON	DEPT	1	86,621	12,529	111,372	210,582
10	BELLINGEN REHABILITATION & WIDENING OVER SELECTED SECTIONS	76.3 KM TO 194.3 KM NORTH OF KEMPSEY	DEPT	1	438,138	63,328	562,939	1,064,405
10	BELLINGEN WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	79.2 KM TO 80.7 KM NORTH OF KEMPSEY	DEPT	1	1,948	282	2,503	4,733
10	BELLINGEN WIDENING OF PAVEMENT & REALIGNMENT OF CURVE	88.7 KM TO 90.4 KM NORTH OF KEMPSEY - RALEIGH VILLAGE	DEPT	1	43	6	55	104
10	BELLINGEN IMPROVEMENT OF INTERSECTION	YELLOW ROCK RD & NEWRY ISLAND RD 96.5 KM NORTH OF KEMPSEY	DEPT	1	834	120	1,071	2,025
10	BYRON REALIGNMENT OF SHORT SECTION	39.0 KM TO 40.4 KM NORTH OF BALLINA	DEPT	1	1,665	241	2,139	4,045
10	BYRON RECONSTRUCTION OF PAVEMENT	28.27 KM TO 31.39 KM NORTH OF BALLINA	DEPT	1	1,285	186	1,651	3,122
10	BYRON APPROACHES	TYAGARAH OVERBRIDGE 36.2 KM TO 37.4 KM NORTH OF BALLINA	DEPT	1	6,142	888	7,891	14,921
10	BYRON RECONSTRUCTION & BITUMINOUS SURFACING	51.3 KM TO 52.6 KM NORTH OF BALLINA	DEPT	1	4,255	615	5,467	10,337

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0031

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS OF LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	COFFS HARBOUR	25.2 KM TO 27.94 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	898,436	129,863	1,154,361	2,182,660
10	COFFS HARBOUR	30.2 KM TO 33.4 KM NORTH OF COFFS HARBOUR RECONSTRUCTION OF WEDDING BELLS DEVIATION	DEPT	1	1,126,187			1,126,187
10	COFFS HARBOUR	BRIDGE OVER COFFS CREEK 0.3 KM NORTH OF COFFS HARBOUR RECONSTRUCTION OF APPROACHES	COUNCIL	1	16,888	2,441	21,699	41,028
10	COFFS HARBOUR	HALLS RD TO AZALEA AVE, COFFS HARBOUR PROVISION OF OVERTAKING LANE	COUNCIL	1	67,599	9,771	26,854	164,224
10	COFFS HARBOUR	0.4 KM TO 1.9 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	140,026	20,239	179,911	340,176
10	COFFS HARBOUR	101.3 KM TO 101.5 KM NORTH OF KEMPSEY IMPROVEMENT OF INTERSECTION	DEPT	1	119	17	153	289
10	COFFS HARBOUR	BRIDGE OVER POUNDYARD CREEK 25.9 KM NORTH OF COFFS HARBOUR WIDENING	DEPT	1	625	90	803	1,518
10	COFFS HARBOUR	BRIDGE OVER WOOLGOOLGA CREEK 25.5 KM NORTH OF COFFS HARBOUR WIDENING	DEPT	1	51,564	7,453	66,252	125,269
10	GOSFORD	44.8 KM TO 77.3 KM NORTH OF SYDNEY REHABILITATION OF VARIOUS SECTIONS	DEPT	6		286,696		286,696
10	GOSFORD	73.5 KM NORTH OF SYDNEY AT JUNCTION WITH MR225 AT KARIONG ROUNDBOUT	DEPT	6		65,275		65,275
10	GOSFORD	DEVIATION OF SH10 AT KARIONG 72.0 KM NORTH OF SYDNEY PUBLIC UTILITY ADJUSTMENTS	DEPT	6	165,720			165,720
10	GOSFORD	CUT ROCK CREEK 8.6 KM NORTH OF GOSFORD REINFORCED CONCRETE BRIDGE	DEPT	6		182,965		182,965
10	GOSFORD	DEVIATION OF SH10 AT KARIONG 72.0 KM NORTH OF SYDNEY PAVEMENT & FINISHING WORKS	DEPT	1	1,118,279			1,118,279
10	GOSFORD	BRIDGE OVER CUT ROCK CREEK 7.9 KM TO 8.6 KM NORTH OF GOSFORD APPROACHES	DEPT	6		566,770		566,770
10	GREATER TAREE	BRIDGE OVER STEWART'S RIVER 36.04 KM NORTH OF TAREE APPROACHES	DEPT	1	752,733			752,733
10	GREATER TAREE	STEWART'S RIVER 36.04 KM TO 39.10 KM NORTH OF TAREE EIGHT SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	1	1,358,212			1,358,212

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0032

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
10	GREATER TAREE	MANNING ST TO MACQUARIE ST, TAREE RECONSTRUCTION OF DIVIDED CARRIAGEWAYS	COUNCIL	1	12,777	1,847	16,417	31,041
10	GREATER TAREE	PULTENEY ST TO MANNING ST, TAREE RECONSTRUCTION OF DIVIDED CARRIAGEWAYS	COUNCIL	1	57,942	8,375	74,446	140,763
10	GREATER TAREE	OXLEY ST TO COMPER ST, TAREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	12,554	1,815	16,130	30,499
10	GREATER TAREE	BRIDGE OVER STEWARTS RIVER 37.3 KM NORTH OF TAREE PILE CAPS, ABUTMENTS, & PIERS	DEPT	1	1,683	243	2,163	4,089
10	HASTINGS APPROACHES	BRIDGE OVER NORTH COAST RAILWAY LINE, ROSS GLEN	DEPT	1	247,241	35,736	317,666	600,643
10	HASTINGS	45.64 KM TO 49.68 KM NORTH OF TAREE WIDENING & STRENGTHENING OF PAVEMENT	DEPT	1	321,062	55,078	429,605	925,745
10	HASTINGS OVERBRIDGE	NORTH COAST RAILWAY LINE, ROSS GLEN 46.03 KM NORTH OF TAREE	DEPT	1	11,289	1,632	14,504	27,425
10	HORNBY	BEROWRA WATERS RD TO LEROWRA TOLL STRENGTHENING OF FAILED BITUMINOUS PAVEMENT	DEPT	6	315,470			315,470
10	HORNBY RIGHT TURN BAY	BEAUMONT RD, MT KURING-GAI	DEPT	6	18	6	14	38
10	KEMPSEY APPROACHES	BRIDGE OVER GREEN WATTLE CREEK 115.8 KM NORTH OF TAREE	DEPT	1	342,274	49,472	439,769	831,515
10	KEMPSEY APPROACHES	BRIDGE OVER GILLS CREEK 115.5 KM TO 116.4 KM NORTH OF TAREE	DEPT	1	385,933	55,782	495,864	937,579
10	KEMPSEY	GREEN WATTLE CREEK 3.63 KM SOUTH OF KEMPSEY TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	46,079	6,660	59,204	111,943
10	KEMPSEY	GILLS CREEK 2.79 KM SOUTH OF KEMPSEY THREE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	6		68,012		68,012
10	KEMPSEY	NORTH COAST RAILWAY LINE 2.60 KM SOUTH OF KEMPSEY PRESTRESSED CONCRETE BRIDGE	DEPT	6		62,688		62,688
10	KEMPSEY	102.46 KM TO 108.32 KM NORTH OF TAREE DEVIATION	DEPT	1	740,669			740,669
10	KEMPSEY	108.4 KM TO 110.1 KM NORTH OF TAREE RECONSTRUCTION, WIDENING & PROVISION OF CLIMBING LANE	DEPT	1	13,750	1,987	17,667	33,404

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0033

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	KEMPSEY	2.86 KM SOUTH OF KEMPSEY REINFORCED EARTHWALL	DEPT	1	63,195	9,134	81,196	153,525
10	KU-RING-GAI SIDETRACK	PACIFIC HIGHWAY & LUCINDA AVE, WAHROONGA	DEPT	6	177,657			177,657
10	KU-RING-GAI	PACIFIC HIGHWAY, MONA VALE RD & RYDE RD, PYMBLE GRADE SEPARATED INTERCHANGE	DEPT	6	10,966			10,966
10	KU-RING-GAI	PACIFIC HIGHWAY, MONA VALE RD & RYDE RD, PYMBLE GRADE SEPERATION - PUBLIC UTILITY ADJUSTMENTS	DEPT	7	474,943			474,943
10	KU-RING-GAI	PACIFIC HIGHWAY, MONA VALE RD & RYDE RD, PYMBLE PUBLIC UTILITY ADJUSTMENTS	DEPT	6	309,974			309,974
10	LAKE MACQUARIE	155.1 KM TO 156.3 KM NORTH OF SYDNEY DIVIDED CARRIAGEWAYS	DEPT	6		1,492,747		1,492,747
10	LAKE MACQUARIE	141.1 KM TO 143.4 KM NORTH OF SYDNEY AT SWANSEA DIVIDED CARRIAGEWAYS & WIDENING OF PAVEMENT	DEPT	6		129,682		129,682
10	LAKE MACQUARIE	133.5 KM TO 135.0 KM NORTH OF SYDNEY SECOND CARRIAGEWAY	DEPT	6	230,221			230,221
10	LAKE MACQUARIE	129.0 KM TO 132.2 KM NORTH OF SYDNEY SECOND CARRIAGEWAY	DEPT	6	3,840,573			3,840,573
10	LAKE MACQUARIE	140.99 KM TO 159.15 KM NORTH OF SYDNEY REHABILITATION OF VARIOUS SECTIONS	DEPT	6		240,806		240,806
10	MACLEAN	TABBIMBLE CREEK 67.52 KM NORTH OF GRAFTON TEN SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	143,869	20,795	184,849	349,513
10	MACLEAN	TABBIMBLE CREEK OVERFLOW 68.55 KM NORTH OF GRAFTON FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	223,172	32,257	286,741	542,170
10	MACLEAN	CHATSWORTH DEVIATION, 54.39 KM TO 58.25 KM NORTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	559,095			559,095
10	MACLEAN	65.9 KM TO 69.45 KM NORTH OF GRAFTON, TABBIMBLE DEVIATION DEVIATION SECTION "A"	DEPT	1	223,072			223,072
10	MACLEAN	MORORO BRIDGE 54.36 KM TO 58.25 KM NORTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	21,744	3,143	27,938	52,825
10	NAMBUCCA	BRIDGE OVER ALLGOMERA CREEK 37.22 KM TO 39.07 KM NORTH OF KEMPS APPROACHES	DEPT	1	26,540	3,836	34,100	64,476

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0034

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM- WLT H \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
10	NAMBUCCA	NORTH COAST RAILWAY LINE 34.17 KM NORTH OF KEMPSEY SINGLE SPAN PRESTRESSED BRIDGE	DEPT	1	4,072	589	5,232	9,893
10	NAMBUCCA	BRIDGE OVER RAILWAY LINE 33.7 KM TO 34.5 KM NORTH OF KEMPSEY APPROACHES	DEPT	1	31,657	4,576	40,674	76,907
10	NAMBUCCA	76.26 KM TO 79.62 KM NORTH OF KEMPSEY RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	713,995	163,200	917,374	1,734,569
10	NAMBUCCA	ALLGOMERA CREEK 39.65 KM NORTH OF KEMPSEY SIX SPAN REINFORCED CONCRETE BRIDGE	DEPT	1	159,328	23,029	204,712	387,069
10	NAMBUCCA	71.8 KM TO 76.4 KM NORTH OF KEMPSEY TWO LANE CARRIAGEWAY	DEPT	1	310,098	44,821	398,429	753,348
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM DUPLICATION - PILES & PILE CAPS	DEPT	6	3,251,233			3,251,233
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM ACCOMMODATION WORKS	DEPT	6		8,452		8,452
10	NEWCASTLE	HUNTER RIVER AT HEXHAM BRIDGE SUPERSTRUCTURE	DEPT	6	430,564			430,564
10	NEWCASTLE	BRIDGE OVER HUNTER RIVER AT HEXHAM PUBLIC UTILITY ADJUSTMENTS	DEPT	6	468,990			468,990
10	NEWCASTLE	TUDOR ST TO DENISON ST, HAMILTON RECONSTRUCTION OF PAVEMENT	COUNCIL	6		24,372		24,372
10	NEWCASTLE	3.96 KM WEST OF WALLSEND RD TO IRON BARK CREEK, MEDIANS & TURNING LANE	SANDGATE COUNCIL	6		-5,442		-5,442
10	NEWCASTLE	SCENIC RD TO GLEBE RD, MEREWETHER NORTHBOUND CARRIAGEWAY	COUNCIL	6		11,221		11,221
10	PORT STEPHENS	16.9 KM TO 53.0 KM NORTH OF NEWCASTLE REHABILITATION OF SELECTED SECTIONS	DEPT	6		74,847		74,847
10	PORT STEPHENS	16.89 KM TO 17.92 KM NORTH OF NEWCASTLE RAYMOND TERRACE APPROACHES	DEPT	6		552,899		552,899
10	PORT STEPHENS	21.4 KM TO 23.2 KM NORTH OF NEWCASTLE DIVIDED CARRIAGEWAYS	DEPT	6		762,000		762,000
10	PORT STEPHENS	27.6 KM TO 30.55 KM NORTH OF NEWCASTLE RECONSTRUCTION OF PAVEMENT	DEPT	6		345,811		345,811

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0035

ROAD	LOCAL SOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
10	TWEED	BOYDS BAY BRIDGE OVER TERRANORA CREEK 107.3 KM NORTH OF BALLINA	COUNCIL	1	48,285	6,979	62,038	117,302
		NORTHERN APPROACH						
10	TWEED	BRIDGE OVER DUNBIE CREEK 73.1 KM TO 73.9 KM NORTH OF BALLINA	DEPT	1	2,827	417	3,709	7,013
		RECONSTRUCTION OF APPROACHES						
10	TWEED	POTTSVILLE RD, MOOBALL 51.15 KM NORTH OF BALLINA	DEPT	1	4,115	595	5,287	9,997
		IMPROVEMENT OF INTERSECTION						
10	TWEED	TERRANORA CREEK 28.05 KM NORTH OF MURWILLUMBAH	DEPT	6	2,911,272			2,911,272
		EIGHT SPAN PRESTRESSED CONCRETE BRIDGE						
10	TWEED	103.4 KM TO 109.4 KM NORTH OF BALLINA AT TWEED HEADS	DEPT	6		3,806		3,806
		BY-PASS						
10	TWEED	101.6 KM TO 103.7 KM NORTH OF BALLINA	DEPT	6		1,827,067		1,827,067
		DIVIDED CARRIAGEWAYS						
10	TWEED	103.7 KM TO 104.6 KM NORTH OF BALLINA	DEPT	6		1,341,582		1,341,582
		PROVISION OF DIVIDED CARRIAGEWAY						
10	TWEED	BOYDS BAY BRIDGE 104.6 KM TO 105.0 KM NORTH OF BALLINA	DEPT	1	247,320	35,747	317,768	600,835
		APPROACHES						
10	TWEED	RAILWAY LINE 63.6 KM NORTH OF BALLINA	DEPT	1	-27	-4	-34	-65
		SINGLE SPAN, PRESTRESSED CONCRETE BRIDGE						
10	TWEED	BRIDGE OVER RAILWAY 63.34 KM TO 63.56 KM NORTH OF BALLINA	DEPT	1	148,874	21,518	191,280	361,672
		APPROACHES						
10	ULMARRA	43.1 KM TO 49.6 KM NORTH OF COFFS HARBOUR	DEPT	1	12,120	1,752	15,572	29,444
		PUBLIC UTILITIES ADJUSTMENTS						
10	ULMARRA	60.0 KM TO 62.5 KM NORTH OF COFFS HARBOUR	DEPT	1	424,718	61,388	545,697	1,031,803
		WIDENING, PROVISION OVERTAKING LANE & REHABILITATION PAVEMENT						
10	WILLOUGHBY	SELECTED LENGTHS BETWEEN HIGHFIELD RD & LONGUEVILLE RD	DEPT	6	32,354	9,793	25,046	67,193
		COLD MILLING & ASPHALT RESHEETING						
10	WILLOUGHBY	SELECTED LENGTHS BETWEEN HIGHFIELD RD & LONGUEVILLE RD	DEPT	6	63,331	19,170	49,027	131,528
		COLD MILLING & ASPHALT RESHEETING						
10	WILLOUGHBY	SELECTED LENGTHS BETWEEN HIGHFIELD RD & LONGUEVILLE RD	DEPT	6	290,139	87,823	224,608	602,570
		COLD MILLING & ASPHALT RESHEETING						
10	WYONG	123.6 KM TO 125.9 KM NORTH OF SYDNEY	DEPT	1	293,435			293,435
		740 LANE CARRIAGEWAY						

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)								
10	WYONG	125.9 KM TO 128.2 KM NORTH OF SYDNEY SECOND CARRIAGEWAY	DEPT	6	387			387
10	WYONG	103.8 KM TO 116.1 KM NORTH OF SYDNEY STRENGTHENING & SEALING OF SHOULDERS	DEPT	6	316,669			316,669
10	WYONG	WALLARAH RD INTERSECTION 114.6 KM TO 115.5 KM NORTH OF SYDNEY REHABILITATION OF PAVEMENT & RECONSTRUCTION OF INTERSECTION	DEPT	6	70,945			70,945
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING & RECONSTRUCTION OF PAVEMENT	DEPT	6		64,074		64,074
10	WYONG	DURIMBAH TO DOYALSON 92.75 KM TO 117.5 KM NORTH OF SYDNEY REHABILITATION OF VARIOUS SECTIONS	DEPT	6	268,276			268,276
10	WYONG	93.2 KM TO 94.8 KM NORTH OF SYDNEY REHABILITATION OF NORTHBOUND CARRIAGEWAY	DEPT	6	621,434			621,434
10	WYONG	124.3 KM TO 125.3 KM NORTH OF SYDNEY REHABILITATION OF PAVEMENT	DEPT	6	587,382			587,382
10	WYONG	124.3 KM TO 125.3 KM NORTH OF SYDNEY REHABILITATION OF PAVEMENT	DEPT	6	6,387			6,387
10	WYONG	LAKE MUNMORAH PUBLIC SCHOOL 123.5 KM NORTH OF SYDNEY PEDESTRIAN BRIDGE - PUBLIC UTILITY ADJUSTMENTS	DEPT	6	10,810			10,810
10	WYONG	COBBS RD & R'WAY O'BRIDGE, 99.15 KM TO 99.37 KM NORTH OF SYDNEY APPROACHES & RECONSTRUCTION OF JUNCTION	DEPT	6		1,694,456		1,694,456
10	WYONG	125.9 KM TO 128.2 KM NORTH OF SYDNEY SECOND CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENT	DEPT	6	42,398			42,398
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING OF PAVEMENT & PUBLIC UTILITY ADJUSTMENT	DEPT	6	39,565			39,565
10	WYONG	LAKE MUNMORAH SCHOOL 123.5 KM NORTH OF SYDNEY PEDESTRIAN BRIDGE	DEPT	6	256,742			256,742
10	WYONG	106.24 KM TO 106.85 KM NORTH OF SYDNEY WIDENING & RECONSTRUCTION OF PAVEMENT	DEPT	1	-3,380			-3,380
10	WYONG	99.45 KM TO 104.0 KM NORTH OF SYDNEY STRENGTHENING & WIDENING OF PAVEMENT	DEPT	6	904,390			904,390
TOTAL		10						46,861,432

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0037

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)								
11	GILGANDRA WIDENING	BRIDGE OVER MULLEN CREEK 56.4 KM WEST OF COGNABARABRAN	DEPT	1	7,562	1,093	9,716	18,371
11	GUNNEDAH STRENGTHENING & WIDENING	17.15 KM TO 18.90 KM WEST OF GUNNEDAH WIDENING OF PAVEMENT	DEPT	2	1,472	213	1,891	3,576
11	GUNNEDAH STRENGTHENING & WIDENING	18.9 KM TO 20.2 KM WEST OF GUNNEDAH WIDENING OF PAVEMENT	DEPT	2	16,089	2,326	20,672	39,087
11	GUNNEDAH RECONSTRUCTION & WIDENING	16.7 KM TO 17.2 KM WEST OF GUNNEDAH WIDENING	DEPT	2	76,808	11,102	98,686	186,596
11	GUNNEDAH RECONSTRUCTION & WIDENING	15.0 KM TO 16.7 KM WEST OF GUNNEDAH WIDENING	DEPT	2	297,621	43,018	382,398	723,037
11	GUNNEDAH RECONSTRUCTION & WIDENING	11.9 KM TO 15.0 KM WEST OF GUNNEDAH WIDENING	DEPT	2	237,884	34,383	305,644	577,911
11	GUNNEDAH RECONSTRUCTION & REALIGNMENT	3.1 KM TO 4.95 KM WEST OF COGNABARABRAN REALIGNMENT OF PAVEMENT	COUNCIL	2	84,498	12,213	108,567	205,278
11	GUNNEDAH PAVEMENT STRENGTHENING & WIDENING	10.3 KM TO 11.3 KM WEST OF GUNNEDAH WIDENING	COUNCIL	2	41,042	5,932	52,733	99,707
11	HASTINGS RECONSTRUCTION	17.7 KM TO 19.7 KM WEST OF PORT MACQUARIE	DEPT	3	141,747	20,488	182,123	344,358
11	HASTINGS APPROACHES	BRIDGE OVER SARAHS CREEK 16.0 KM WEST OF PORT MACQUARIE	DEPT	2	1,760	254	2,262	4,276
11	PARRY STRENGTHENING & REHABILITATION	35.77 KM TO 35.66 KM WEST OF TAMWORTH REHABILITATION OF PAVEMENT	COUNCIL	2	106,202	15,350	136,453	258,005
11	PARRY RECONSTRUCTION & BITUMINOUS SURFACING	40.75 KM TO 42.06 KM WEST OF TAMWORTH BITUMINOUS SURFACING	COUNCIL	2	33,799	4,885	43,427	82,111
11	TAMWORTH PRESTRESSED CONCRETE BRIDGE	BRIDGE OVER UNNAMED CREEK 6.5 KM WEST OF TAMWORTH	COUNCIL	2	-1,459	-211	-1,875	-3,545
11	TAMWORTH STRENGTHENING OF PAVEMENT	0.67 KM TO 1.25 KM WEST OF TAMWORTH WIDENING	COUNCIL	2	1,459	211	1,875	3,545
11	TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	8.19 KM TO 11.3 KM WEST OF TAMWORTH BITUMINOUS SURFACING	COUNCIL	2	5,631	814	7,235	13,680
11	TAMWORTH RECONSTRUCTION & WIDENING	10.35 KM TO 10.91 KM WEST OF TAMWORTH WIDENING	COUNCIL	2	61,066	8,826	78,460	148,352

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0038

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
11	WALCHA	FIVE MILE CREEK 3.82 KM WEST OF WALCHA REINFORCED CONCRETE BOX CULVERT	DEPT	2	87,375	12,629	112,264	212,268
11	WALCHA	13.0 KM TO 17.25 KM WEST OF WALCHA WIDENING & STRENGTHENING OF SHOULDERS	DEPT	2	216,134	31,240	277,698	525,072
11	WALCHA	BRIDGE OVER FIVE MILE 7.7 KM TO 9.2 KM WEST OF WALCHA RECONSTRUCTION & REALIGNMENT OF APPROACHES	DEPT	2	77,145	11,150	99,119	187,414
11	WARREN	MACQUARIE RIVER 0.56 KM NORTH OF WARREN PRESTRESSED CONCRETE BRIDGE	DEPT	1	9,841	1,422	12,644	23,907
11	WARREN	BRIDGE OVER EWENMAR CREEK 79.02 KM WEST OF GILGANDRA DEVIATION & APPROACHES	DEPT	1	305,186	44,111	392,116	741,413
11	WARREN	BRIDGE OVER MACQUARIE RIVER 84.0 KM WEST OF GILGANDRA APPROACHES	DEPT	1	199,811	28,880	256,726	485,417
11	WARREN	NEVERTIRE IRRIGATION SCHEME 16.28 KM TO 17.7 KM WEST OF WARREN RESTORATION OF FAILED ROADWAY AT IRRIGATION CROSSINGS	DEPT	1	5,613	811	7,212	13,636
11	WARREN	BRIDGE OVER EWENMAR CREEK 3.2 KM NORTH OF WARREN DEMOLITION	DEPT	1	4,092	591	5,257	9,940
	TOTAL	11						4,903,412
12	GLEN INNES	156.14 KM TO 157.91 KM WEST OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	55,679	8,048	71,540	135,267
12	GLEN INNES	0.2 KM TO 1.0 KM WEST OF GLEN INNES RECONSTRUCTION & WIDENING	COUNCIL	2	14,485	2,094	18,612	35,191
12	INVERELL	MACINTYRE RIVER 0.27 KM WEST OF INVERELL - ROSS FOUR SPAN PRESTRESSED CONCRETE TWIN BOX GIRDER BRIDGE	HILL DEPT	2	232	33	297	562
12	INVERELL	43.1 KM TO 45.0 KM WEST OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	37,831	5,468	48,607	91,906
12	INVERELL	BRIDGE OVER MACINTYRE RIVER AT INVERELL APPROACHES	COUNCIL	2	1,579	228	2,020	3,836
12	INVERELL	37.25 KM TO 38.3 KM WEST OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	-348	-50	-447	-845
12	INVERELL	65.5 KM TO 65.4 KM WEST OF GLEN INNES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	1,289	186	1,656	3,131

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0039

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
12	INVERELL	45.0 KM TO 47.7 KM WEST OF GLEN INNES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	159,653	23,076	205,130	387,859
12	MOREE PLAINS	BURRANDOOK WATERCOURSE NO 1 21.7 KM WEST OF MOREE PRESTRESSED CONCRETE BRIDGE	DEPT	2	2,566			2,566
12	MOREE PLAINS	BURRANDOOK WATERCOURSE NO 2 32.8 KM WEST OF MOREE PRESTRESSED CONCRETE BRIDGE	DEPT	2	1,663	240	2,137	4,040
12	MOREE PLAINS	81.7 KM TO 82.8 KM WEST OF MOREE - BURRANDOOK WATER COURSES SIDETRACKS	DEPT	2	72,021	10,410	92,536	174,967
12	NYMCOWDA	67.8 KM TO 72.4 KM WEST OF GRAFTON STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	316,704	45,776	406,916	769,396
12	NYMCOWDA	5.4 KM TO 67.6 KM WEST OF GRAFTON REHABILITATION & WIDENING OVER SELECTED SECTIONS	DEPT	2	24,625	3,559	31,640	59,824
12	SEVERN	GIBRALTAR RANGE 79.0 KM TO 112.0 KM WEST OF GRAFTON REPLACEMENT OF DAMAGED PROTECTION FENCING WITH GUARDRAIL	DEPT	2	51,340	7,421	65,964	124,725
12	SEVERN	9.30 KM TO 10.35 KM WEST OF GLEN INNES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	9,026	1,305	11,597	21,928
12	SEVERN	8.35 KM TO 9.3 KM WEST OF GLEN INNES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	10,027	1,449	12,884	24,360
12	SEVERN	19.4 KM TO 20.7 KM WEST OF GLEN INNES STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	2	33,799	4,885	43,427	82,111
12	WALGETT	BRIDGE OVER BARWON RIVER AT COLLARENEBRI APPROACHES	COUNCIL	1	24,142	3,490	31,019	58,651
12	WALGETT	BRIDGE OVER BARWON RIVER AT COLLARENEBRI FIVE SPAN PRESTRESSED VOIDED SLAB BRIDGE	DEPT	2	230			230
12	YALLARDI	43.4 KM TO 48.5 KM WEST OF INVERELL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	120,712	17,448	155,096	293,256
	TOTAL	12						2,272,961
13	BAULKHAM HILLS	PENNANT HILLS RD & CASTLE HILL RD, WEST PENNANT RECONSTRUCTION OF INTERSECTION	HILLS DEPT	6	221,420	67,023	171,410	459,853
13	BAULKHAM HILLS	BETTINGTON RD TO CHARLES ST, CARLINGFORD RECONSTRUCTION OF SIDESTRIPS	DEPT	6	237,305	71,831	183,707	492,843

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 \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
13	HORNSBY	WIDENING OF BRIDGE OVER RAILWAY AT PENNANT HILLS SUPPLY & DELIVERY OF STEEL GIRDERS	DEPT	6	102,859	31,135	79,627	213,621
13	HORNSBY	PENNANT HILLS RD AT NORMANHURST RD & OSBORN RD PEDESTRIAN OVERBRIDGE	DEPT	6	31,892	9,653	24,689	66,234
13	HORNSBY	DARTFORD RD, NORMANHURST RIGHT TURN BAY	DEPT	6	32,902	9,959	25,471	68,332
13	HORNSBY	NORMANHURST RD, NORMANHURST RIGHT TURN BAYS	DEPT	6	319,212	96,623	247,115	662,950
13	HORNSBY	DUFFY AVE, NORMANHURST RIGHT TURN BAYS	DEPT	6	114,536	34,669	28,667	237,872
13	HORNSBY	OBSERVATORY PARK, PENNANT HILLS IMPROVEMENT OF INTERSECTION	DEPT	6	63,863	19,331	49,439	132,633
13	HORNSBY	GEORGE TO LILLA PDE, PENNANT HILLS RECONSTRUCTION TO SIX LANES	DEPT	6	1,026,527	310,723	794,676	2,131,926
	TOTAL	13						4,466,264
14	BALRANALD	EUSTON ROAD FROM YURANISH ST TO MCCABE STREET, BALRANALD RECONSTRUCTION	COUNCIL	1	19,314	2,792	24,815	46,921
14	HAY	172.7 KM TO 173.6 KM WEST OF NARRANDERA RECONSTRUCTION & WIDENING	DEPT	1	37,200	5,377	47,797	90,374
14	HAY	169.4 KM TO 172.7 KM WEST OF NARRANDERA RECONSTRUCTION & WIDENING	DEPT	1	280,571	40,553	360,490	681,614
14	HAY	166.8 KM TO 169.4 KM WEST OF NARRANDERA RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	52,111	7,532	66,955	126,598
14	HAY	164.3 KM TO 166.8 KM WEST OF NARRANDERA RECONSTRUCTION & WIDENING OF PAVEMENT	DEPT	1	11,443	1,654	14,702	27,799
14	WAGGA WAGGA	72.8 KM TO 74.0 KM SOUTH OF GUNDAGAI STRENGTHENING OF PAVEMENT ON EXISTING ALIGNMENT	DEPT	2	133,095	19,237	171,007	323,339
14	WAGGA WAGGA	INTERSECTION OF TASMAN RD 77.95 KM TO 78.34 KM WEST OF GUNDAGAI PROVISION OF TURNING LANES	DEPT	1	51,215	7,403	65,804	124,422
14	WAGGA WAGGA	16.1 KM TO 24.3 KM WEST OF WAGGA WAGGA REHABILITATION & WIDENING	DEPT	1	6,347	917	8,155	15,419

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 STATE \$	OF FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
14	WAGGA WAGGA	71.74 KM TO 72.82 KM WEST OF GUNDAGAI AT FOREST WIDENING & STRENGTHENING INCLUDING DRAINAGE WORKS	HILL DEPT	1	124,498	17,995	159,961	302,454
14	WAGGA WAGGA	24.3 KM TO 30.6 KM WEST OF WAGGA WAGGA WIDENING & REALIGNMENT	DEPT	1	22,151	3,202	28,461	53,814
14	WAGGA WAGGA	BRIDGES OVER TARCUTTA CREEK & FLOOD PLAIN SOUTH OF GUNDAGAI APPROACHES	DEPT	1	69,778	10,086	89,653	169,517
14	WAGGA WAGGA	43.6 KM TO 44.1 KM WEST OF GUNDAGAI SIDETRACK & PRELIMINARY WORK FOR BRIDGE	DEPT	1	100,017	14,456	128,507	242,980
14	WAGGA WAGGA	TARCUTTA CREEK 39.0 KM EAST OF WAGGA WAGGA 15 SPAN REINFORCED CONCRETE BRIDGE	DEPT	1	134,820			134,820
14	WAGGA WAGGA	2.09 KM TO 4.23 KM EAST OF WAGGA WAGGA RECONSTRUCTION & RAISING ABOVE FLOOD LEVEL	COUNCIL	1	44,169	6,384	56,751	107,304
14	WAGGA WAGGA	0 KM TO 1.75 KM WEST OF WAGGA WAGGA RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL	1	4,120	596	5,294	10,010
14	WAGGA WAGGA	1.22 KM TO 1.62 KM WEST OF WAGGA WAGGA RECONSTRUCTION	COUNCIL	1	14,525	2,099	18,663	35,287
14	WAKOOL	90.3 KM TO 92.7 KM WEST OF HAY RECONSTRUCTION & WIDENING OF ALIGNMENT	DEPT	1	3		4	7
14	WAKOOL	83.4 KM TO 86.6 KM WEST OF HAY RECONSTRUCTION & WIDENING OF ALIGNMENT	DEPT	1	240,574	34,772	309,100	584,446
14	WENTWORTH	MURRAY RIVER 1.43 KM NORTH OF MILDURA NINE SPAN PRESTRESSED GIRDER BRIDGE	DEPT	1	3,130,328			3,130,328
14	WENTWORTH	1.76 KM NORTH OF MILDURA FOUR SPAN PRESTRESSED CONCRETE GIRDER APPROACH BRIDGE NO.3	DEPT	1	319,600			319,600
14	WENTWORTH	2.02 KM NORTH OF MILDURA 12 SPAN PRESTRESSED CONCRETE PLANK APPROACH BRIDGE NO.2	DEPT	1	389,301			389,301
14	WENTWORTH	2.23 KM NORTH OF MILDURA THREE SPAN PRESTRESSED CONCRETE PLANK APPROACH BRIDGE NO.1	DEPT	1	45,696			45,696
14	WENTWORTH	BRIDGE & APPROACH BRIDGES OVER THE MURRAY RIVER AT MILDURA APPROACHES	DEPT	1	287,652	41,577	369,588	698,817
14	WENTWORTH	BRIDGE OVER MURRAY RIVER 73.0 KM TO 79.2 KM WEST OF EUSTON APPROACHES - EARTHWORKS & DRAINAGE	DEPT	1	229,147			229,147

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0042

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)								
14	WENTWORTH	52.6 KM TO 71.0 KM WEST OF EUSTON RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	1	13	2	16	31
14	WENTWORTH	MILDURA BRIDGE 75.0 KM TO 79.2 KM WEST OF EUSTON RECONSTRUCTION & BITUMINOUS SURFACING OF APPROACHES	DEPT	1	-75,688	-10,940	-97,247	-183,875
TOTAL		14						7,756,170
15	YASS	26.9 KM TO 28.22 KM SOUTH OF YASS AT JEIR CREEK MOTORWAY FENCING	DEPT	1	28,596			28,596
15	YASS	19.36 KM TO 22.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	1,380			1,380
15	YASS	33.7 KM SOUTH OF YASS AT QUARRY ACCESS ROADS RECONSTRUCTION OF INTERSECTIONS	DEPT	1	41,866	2,437	21,665	65,968
15	YASS	8.87 KM TO 10.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & WIDENING OF FORMATION	DEPT	1	352,219			352,219
15	YASS	26.9 KM TO 28.22 KM SOUTH OF YASS AT JEIR CREEK NORTHBOUND CARRIAGEWAY - PUBLIC UTILITY ADJUSTMENTS	DEPT	1	15,762			15,762
15	YASS	15.9 KM TO 16.0 KM SOUTH OF YASS STRENGTHENING OF PAVEMENT & IMPROVEMENT OF DRAINAGE	DEPT	1	-34			-34
15	YASS	8.87 KM TO 10.0 KM SOUTH OF YASS REHABILITATION OF PAVEMENT & WIDENING OF FORMATION	DEPT	1	88,170			88,170
TOTAL		15						552,061
16	BALLINA	6.2 KM TO 11.3 KM WEST OF BALLINA RECONSTRUCTION & PROVISION OF CLIMBING LANES	COUNCIL	2	14,485	2,094	18,612	35,191
16	BALLINA	15.1 KM TO 17.3 KM WEST OF BALLINA STRENGTHENING OF PAVEMENT & PROVISION OF OVERTAKING LANE	COUNCIL	2	55,787	8,063	71,678	135,528
16	INVERELL	15.6 KM TO 18.2 KM WEST OF YETHAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	-369	-53	-474	-896
16	INVERELL	BEARDY RIVER 37.5 KM WEST OF TENTERFIELD SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	252,826			252,826
16	INVERELL	BEARDY RIVER BRIDGE 37.5 KM TO 38.1 KM WEST OF TENTERFIELD APPROACHES	COUNCIL	2	68,854	9,952	88,467	167,273

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0043

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
15	INVERELL	0 KM TO 1.6 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	5,262	761	6,760	12,783
15	INVERELL	BRIDGE OVER MACINTYRE RIVER & BILLABONG AT YETMAN APPROACHES	COUNCIL	2	4,582	662	5,887	11,131
16	KYOGLE	23.0 KM TO 25.3 KM WEST OF CASINO STRENGTHENING OF PAVEMENT	DEPT	2	144,293	20,856	185,394	350,543
16	LISMORE	28.64 KM TO 30.01 KM WEST OF BALLINA RECONSTRUCTION & PROVISION OF CLIMBING LANE	COUNCIL	2	37,664	5,444	48,392	91,500
15	LISMORE	9.4 KM TO 10.6 KM WEST OF LISMORE STRENGTHENING OF PAVEMENT	COUNCIL	2	18,327	2,658	23,624	44,669
16	LISMORE	DAWSON ST TO MOLESWORTH ST 0.0 KM TO 0.5 KM WEST OF LISMORE STRENGTHENING & WIDENING	COUNCIL	1	82,021	11,855	105,385	199,261
16	MORLE PLAINS	42.4 KM TO 46.6 KM WEST OF YETMAN DEVIATION	COUNCIL	2	149,683	21,635	192,319	363,637
16	TENTERFIELD	DUMARESQ RIVER OVERFLOW 79.75 KM WEST OF TENTERFIELD THREE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	123,767			123,767
16	TENTERFIELD	DUMARESQ RIVER OVERFLOW 74.0 KM WEST OF TENTERFIELD FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	168,458			168,458
16	TENTERFIELD	79.5 KM TO 79.9 KM FROM TENTERFIELD TOWARDS BONSHAW RESTORATION & BITUMINOUS SURFACING OF APPROACHES	DEPT	2	3,030	438	3,893	7,361
16	TENTERFIELD	73.73 KM TO 74.32 KM FROM TENTERFIELD TOWARDS BONSHAW RESTORATION & BITUMINOUS SURFACING OF APPROACHES	DEPT	2	2,366	342	3,040	5,748
16	TENTERFIELD	120.8 KM TO 125.3 KM WEST OF CASINO STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	115,426	16,684	148,305	280,415
16	TENTERFIELD	BRIDGE OVER BEARDY RIVER 87.0 KM TO 87.5 KM WEST OF TENTERFIELD EASTERN APPROACH	DEPT	2	41,177	5,952	52,906	100,035
16	TENTERFIELD	68.2 KM TO 69.4 KM WEST OF CASINO PAVEMENT REPAIRS	DEPT	2	6,938	1,003	8,914	16,855
15	TENTERFIELD	UNNAMED CREEK 105.3 KM WEST OF CASINO NEW BRIDGE	DEPT	2	24,254	3,506	31,162	58,922
16	TENTERFIELD	SNAKE CREEK 105.7 KM WEST OF CASINO NEW BRIDGE	DEPT	2	84,465	12,209	108,525	205,199

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0044

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COMWLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
16	YALLAROI	31.18 KM TO 37.01 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	43,630	6,306	56,058	105,994
16	YALLAROI	31.18 KM TO 42.64 KM WEST OF YETMAN TWO LANE CARRIAGEWAY	COUNCIL	2	28,005	4,048	35,982	68,035
16	YALLAROI	18.2 KM TO 19.0 KM WEST OF YETMAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	24,142	3,490	31,019	58,651
	TOTAL	16						2,862,886
17	BERRIGAN	4.1 KM NORTH OF TOCUMWAL WIDENING OF WATER RESOURCES COMMISSION CANAL	DEPT	1	14,502	2,096	18,633	35,231
17	BERRIGAN	9.6 KM TO 11.61 KM NORTH OF FINLEY RECONSTRUCTION & WIDENING	DEPT	1	13,815	1,997	17,750	33,562
17	BLAND	116.9 KM TO 118.2 KM NORTH OF NARRANDERA AT ALLEENA RECONSTRUCTION	DEPT	1	16,132	2,332	20,727	39,191
17	DUBBO	BRIDGE OVER MOUNTAIN CREEK 94.77 KM NORTH OF PARKES WIDENING	DEPT	1	45	7	58	110
17	DUBBO	5.8 KM TO 8.3 KM NORTH OF DUBBO REHABILITATION OF PAVEMENT	DEPT	1	16,664	2,409	21,411	40,484
17	FORBES	34.15 KM TO 35.15 KM SOUTH OF FORBES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	1	24,720	3,573	31,762	60,055
17	FORBES	33.15 KM TO 34.15 KM SOUTH OF FORBES REHABILITATION & WIDENING	COUNCIL	1	47,707	6,895	61,296	115,898
17	GILGANDRA	BRIDGE OVER MARTHAGUY CREEK 60.15 KM TO 61.39 KM NORTH OF DUBBO APPROACHES	DEPT	1	17,822	2,576	22,898	43,296
17	GILGANDRA	MARTHAGUY CREEK NO 1 60.6 KM NORTH OF DUBBO NINE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	22,022	3,183	28,295	53,500
17	JERILDERIE	BRIDGE OVER BILLABONG CREEK AT JERILDERIE SIDETRACK	COUNCIL	1	4,828	698	6,204	11,730
17	JERILDERIE	BILLABONG CREEK 2.0 KM NORTH OF JERILDERIE FOUR SPAN STEEL GIRDER & CONCRETE BRIDGE	DEPT	1	292,631			292,631
17	JERILDERIE	BILLABONG CREEK 2.0 KM NORTH OF JERILDERIE FABRICATION & DELIVERY OF STEEL GIRDERS	DEPT	1	-6,188	-894	-7,951	-15,033

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0045

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)							
17	JERILDERIE	1.7 KM TO 3.16 KM NORTH OF JERILDERIE RECONSTRUCTION & BITUMINOUS SURFACING OF APPROACHES	DEPT	1	287,731	41,588	369,690	699,009
17	MOREE PLAINS	GHYDIR RIVER 11.2 KM NORTH OF MOREE - BOOLOOROO FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	BRIDGE DEPT	1	15	2	19	36
17	MOREE PLAINS	97.18 KM TO 98.32 KM NORTH OF NARRABRI STRENGTHENING & BITUMINOUS SURFACING	COUNCIL	1	-1,395	-202	-1,792	-3,389
17	MOREE PLAINS	1.22 KM TO 3.22 KM NORTH OF MOREE STRENGTHENING & WIDENING EXISTING PAVEMENT	DEPT	1	163,504	23,647	210,206	397,457
17	MOREE PLAINS	113.43 KM TO 114.00 KM NORTH OF MOREE AT BOGGABILLA TURNOUT FOR SHELL TRUCK PORT	DEPT	1	83	12	107	202
17	MOREE PLAINS	4.0 KM TO 46.0 KM NORTH OF MOREE RECONSTRUCTION OF FAILED PAVEMENT	DEPT	1	55,651	8,044	71,503	135,198
17	NARRABRI	4.3 KM TO 5.3 KM NORTH OF NARRABRI REHABILITATION OF PAVEMENT & SHOULDERS	DEPT	1	126,549	18,291	162,596	307,436
17	NARRABRI	45.0 KM TO 55.0 KM NORTH OF NARRABRI RECONSTRUCTION	DEPT	1	281,386	40,671	361,538	683,595
17	NARRABRI	DOCTORS CREEK TO MULGATE CREEK 0.8 KM NORTH OF NARRABRI DEVIATION	NARRABRI DEPT	1	879,628	127,140	1,130,186	2,136,954
17	NARRABRI	NARRABRI TO MOREE RAILWAY LINE 3.2 KM NORTH OF NARRABRI SINGLE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	NARRABRI DEPT	1	4,359	630	5,601	10,590
17	NARRANDERA	MURRUMBIDGEE RIVER 2.3 KM SOUTH OF NARRANDERA REINFORCED CONCRETE BRIDGE	DEPT	1	189	27	243	459
17	NARRANDERA	MURRUMBIDGEE RIVER 2.46 KM SOUTH OF NARRANDERA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	-30	-4	-38	-72
17	NARRANDERA	BRIDGE OVER MURRUMBIDGEE RIVER AT NARRANDERA APPROACHES	DEPT	1	46,928	6,783	60,295	114,006
17	NARROMINE	56.6 KM TO 62.0 KM NORTH OF PARKES STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	98,251	14,201	126,238	238,690
17	NARROMINE	102.0 KM TO 106.66 KM NORTH OF PARKES STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	390,947	56,507	502,306	949,760
17	URANA	51.0 KM TO 57.0 KM SOUTH OF NARRANDERA WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	DEPT	1	330,992	47,841	425,273	804,106

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0046

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)							
17	URANA	31.5 KM TO 37.5 KM SOUTH OF NARRANDERA STRENGTHENING & WIDENING OF PAVEMENT	DEPT	1	259,172	37,460	332,996	629,628
17	WEDDIN	SELECTED LENGTHS 43.5 KM TO 49.5 KM NORTH OF WEST WYALONG STRENGTHENING & WIDENING OF PAVEMENT - SELECTED LENGTHS	DEPT	1	108,481	15,680	139,381	263,542
	TOTAL	17						8,077,862
18	COONAMBLE	74.0 KM TO 95.0 KM NORTH OF GILGANDRA REHABILITATION & WIDENING OF PAVEMENT	DEPT	2	97,196	14,049	124,882	236,127
18	COONAMBLE	95.14 KM TO 96.32 KM NORTH OF GILGANDRA RECONSTRUCTION & WIDENING	DEPT	2	127,803	18,472	164,207	310,482
18	COONAMBLE	BRIDGE OVER CASTLEREAGH RIVER 3.13 KM NORTH OF COONAMBLE APPROACHES	COONAMBLE DEPT	2	44,488	6,430	57,160	108,078
18	COONAMBLE	CASTLEREAGH RIVER, COONAMBLE FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	8,796	1,271	11,302	21,369
18	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER AT ARMATREE 36 KM NORTH OF GILGAN APPROACHES	DEPT	2	3,384	489	4,349	8,222
18	WALGETT	79.0 KM TO 98.0 KM NORTH OF COONAMBLE RESTORATION OF FLOOD DAMAGED CULVERTS	DEPT	2	101,907	14,729	130,934	247,570
18	WALGETT	113.4 KM TO 114.0 KM NORTH OF COONAMBLE REHABILITATION & WIDENING OF PAVEMENT	DEPT	2	34,292	4,956	44,060	83,308
18	WALGETT	NAMOI RIVER 3.79 KM NORTH OF WALGETT EIGHT SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	47	7	61	115
	TOTAL	18						1,015,271
19	BOMBALA	OUTSKIRTS CREEK 13.0 KM SOUTH OF BOMBALA FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	2	115,401	16,680	148,272	280,353
19	BOMBALA	17.5 KM TO 20.5 KM SOUTH OF BOMBALA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	117,332	16,959	150,753	285,044
19	COOMA-MONARO	COOMA RIVER 105.95 KM SOUTH OF COOMA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	24,120	3,486	30,990	58,596
19	COOMA-MONARO	NUMERALLA RIVER 97.0 KM SOUTH OF CANBERRA SIDETRACK	DEPT	2	41,768			41,768

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0047

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
STATE HIGHWAYS (CONT'D)								
19	COOMA-MONARO	BRIDGE OVER COOMA CREEK 105.95 KM SOUTH OF CANBERRA SUPPLY & DELIVERY OF GIRDERS	DEPT	2	-118	-17	-151	-286
19	COOMA-MONARO	NUMERALLA RIVER 98.0 KM SOUTH OF CANBERRA PRESTRESSED CONCRETE BRIDGE	DEPT	2	290,315			290,315
19	COOMA-MONARO	NUMERALLA RIVER 98.0 KM SOUTH OF CANBERRA PRESTRESSED CONCRETE BRIDGE	DEPT	2	1,156,238			1,156,238
19	COOMA-MONARO	BRIDGE OVER NUMERALLA RIVER 99.0 KM SOUTH OF CANBERRA WORKING PLATFORM	DEPT	2	44,407			44,407
19	COOMA-MONARO	58.6 KM TO 64.7 KM SOUTH OF CANBERRA WIDENING OF PAVEMENT & BITUMINOUS SURFACING	DEPT	2	72,489	10,477	93,137	176,103
19	COOMA-MONARO	BRIDGE OVER COOMA CREEK 104.6 KM TO 107.0 KM SOUTH OF CANBERRA APPROACHES	DEPT	2	451,032	65,192	579,507	1,095,731
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA PROVISION OF SIDE TRACK	DEPT	2	28,707	4,149	36,884	69,740
19	COOMA-MONARO	NUMERALLA RIVER 97.4 KM TO 97.7 KM SOUTH OF CANBERRA PRELIMINARY WORK	DEPT	2	26,541	3,836	34,101	64,478
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA RECONSTRUCTION	DEPT	2	1,119,135			1,119,135
19	COOMA-MONARO	34.6 KM TO 40.4 KM SOUTH OF CANBERRA SUPPLY OF PIPES	DEPT	2	-23,307	-3,369	-29,946	-56,622
19	YARROWLUMLA	34.6 KM TO 45.2 KM SOUTH OF CANBERRA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	5,766	833	7,409	14,008
19	YARROWLUMLA	40.4 KM TO 41.8 KM SOUTH OF CANBERRA RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	72,469			72,469
TOTAL 19								4,711,477
20	ALBURY	0.5 KM TO 2.0 KM WEST OF ALBURY WIDENING & STRENGTHENING OF PAVEMENT	DEPT	2	112,614	16,277	144,691	273,582
20	ALBURY	2.2 KM TO 12.3 KM EAST OF ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	3	376,091	54,360	483,219	913,670
20	SERRISGAN	BRIDGE OVER MULWALA CANAL 9.35 KM TO 11.36 KM WEST OF FINLEY RECONSTRUCTION & BITUMINOUS SURFACING OF APPROACHES	DEPT	2	284,330	41,097	365,321	690,748

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0048

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH S	SOURCE STATE S	OF FUNDS LOANS S	TOTAL S
	STATE HIGHWAYS (CONT'D)							
20	BERRIGAN	MULWALA CANAL 50.35 KM EAST OF DENILQUIN SIX SPAN PRESTRESSED CONCRTE PLANK BRIDGE	DEPT	2	5,644	816	7,252	13,712
20	BERRIGAN	121.9 KM TO 123.3 KM WEST OF ALBURY RECONSTRUCTION & WIDENING	COUNCIL	2	28,971	4,187	37,223	70,381
20	HUME	BRIDGE OVER MAJORS CREEK 24.2 KM TO 26.6 KM EAST OF ALBURY REHABILITATION - SHOULDER & DRAINAGE IMPROVEMENTS	DEPT	2	1,266	183	1,626	3,075
20	HUME	BRIDGE OVER MAJORS CREEK 4.8 KM EAST OF HOWLONG WIDENING	DEPT	2	27,100	3,917	34,820	65,837
	TOTAL	20						2,031,005
21	CENTRAL DARLING	25.0 KM TO 31.0 KM SOUTH OF IVANHOE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	102,380	14,798	131,543	248,721
21	CENTRAL DARLING	21.0 KM TO 31.0 KM SOUTH OF IVANHOE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	2	110,867	16,025	142,448	269,340
21	DENILQUIN	CRISPE ST & OCHERTYRE ST, DENILQUIN RECONSTRUCTION OF INTERSECTION	DEPT	2	124,156	17,945	159,522	301,623
21	DENILQUIN	OCHERTYRE ST FROM HARDINGE ST TO CRISPE ST, DENILQUIN RECONSTRUCTION OF DAMAGED PAVEMENT	COUNCIL	2	35,251	5,095	45,293	85,639
21	HAY	LACHLAN RIVER, BOOLIGAL FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	66,327	9,587	85,220	161,134
21	HAY	BRIDGE AT BOOLIGAL 76.9 KM TO 77.7 KM NORTH OF HAY RECONSTRUCTION OF SOUTHERN APPROACH	DEPT	2	254,475	36,781	326,960	618,216
21	MURRAY	60.0 KM TO 65.4 KM NORTH OF MOAMA RECONSTRUCTION & WIDENING	DEPT	2	259,372	37,489	333,253	630,114
21	MURRAY	64.4 KM TO 69.2 KM NORTH OF MOAMA RECONSTRUCTION & WIDENING	DEPT	2	11,593	1,676	14,895	28,164
	TOTAL	21						2,342,951
22	BROKEN HILL	3.0 KM TO 3.4 KM SOUTH OF BROKEN HILL REHABILITATION OF PAVEMENT	COUNCIL	3	14,500	2,096	18,630	35,226
22	BROKEN HILL	LANE ST FROM BAGOT ST TO BUCK ST, BROKEN HILL PAVEMENT REHABILITATION	COUNCIL	3	19,782	2,859	25,417	48,058

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0049

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
	STATE HIGHWAYS (CONT'D)							
22	WENTWORTH	13.0 KM TO 14.0 KM EAST OF WENTWORTH REHABILITATION OF PAVEMENT	DEPT	3	15,432	2,231	19,828	37,491
	TOTAL 22							120,775
23	NEWCASTLE	PARK AVE TO CARDIFF RD NORTH OF SH10 AT CHARLESTOWN DIVIDED CARRIAGEWAYS	COUNCIL	6		993,060		993,060
23	NEWCASTLE	11.3 KM TO 11.5 KM NORTH OF CHARLESTOWN NORTH SOUTH BY-PASS - STAGE 2	DEPT	6		192,660		192,660
23	NEWCASTLE	RIDGEWAY RD TO RUSSELL RD, CHARLESTOWN IMPROVEMENT OF DRAINAGE & PROVISION OF MEDIAN	COUNCIL	6		9,997		9,997
	TOTAL 23							1,195,717
25	WINGECARRIBEE	ARGYLE ST FROM MR250 TO NORTH ST, MOSS VALE RECONSTRUCTION OF PAVEMENT	DEPT	2	46,776	6,761	60,100	113,637
25	WINGECARRIBEE	39.4 KM TO 81.9 KM SOUTH OF WOLLONGONG HEAVY PATCHING OF SELECTED LENGTHS	DEPT	6		803,315		803,315
25	WINGECARRIBEE	5.6 KM TO 8.2 KM SOUTH OF MOSS VALE AT SUTTON FOREST REHABILITATION OF PAVEMENT	DEPT	2	181,108	26,177	232,696	439,981
25	WINGECARRIBEE	MEDWAY RIVULET 5.1 KM WEST OF MOSS VALE TWIN SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	2	305,413			305,413
25	WINGECARRIBEE	BRIDGE OVER MEDWAY RIVULET 73.4 KM TO 74.3 KM WEST OF WOLLONGONG APPROACHES	DEPT	1	325,947	-107	-947	324,893
	TOTAL 25							1,987,239
26	GOSFORD	64.0 KM TO 72.0 KM NORTH OF SYDNEY REHABILITATION OF FAILED PAVEMENT	DEPT	6	182,273			182,273
	TOTAL 26							182,273
	TOTAL	STATE HIGHWAYS			163,952,280	24,024,159	39,062,507	227,038,946

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0050

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								
51	TALLAGANDA	25.16 KM TO 26.78 KM WEST OF BRAIDWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	50,738	7,334	65,191	123,263
51	TALLAGANDA	31.80 KM TO 33.44 KM WEST OF BRAIDWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	40,216	5,613	51,671	97,700
51	YARROWLUMLA	20.62 KM TO 21.3 KM EAST OF QUEANBEYAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	9,657	1,396	12,408	23,461
51	YARROWLUMLA	MOLONGLO RIVER 9.2 KM EAST OF QUEANBEYAN FIVE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	113,660	16,429	146,035	276,124
51	YARROWLUMLA	BRIDGE OVER RAILWAY LINE 9.7 KM EAST OF QUEANBEYAN APPROACHES	DEPT	2	102	15	132	249
51	YARROWLUMLA	BRIDGE OVER MOLONGLO CREEK 9.3 KM EAST OF QUEANBEYAN APPROACHES	COUNCIL	2	144,854	20,937	186,115	351,906
51	YARROWLUMLA	19.9 KM TO 22.0 KM EAST OF QUEANBEYAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	33,799	4,885	43,427	82,111
TOTAL 51								954,814
52	GUNNING	21.10 KM TO 23.65 KM SOUTH OF GUNNING RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	37,177	5,374	47,767	90,318
52	GUNNING	23.6 KM TO 25.7 KM SOUTH OF GUNNING RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	-804	-116	-1,033	-1,953
52	GUNNING	17.0 KM TO 19.7 KM SOUTH OF GUNNING RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	36,020	5,206	46,281	87,507
52	QUEANBEYAN	2.6 KM TO 3.0 KM NORTH OF QUEANBEYAN RECONSTRUCTION & WIDENING	COUNCIL	2	62,770	9,073	80,650	152,493
52	YARROWLUMLA	12.1 KM TO 12.6 KM SOUTH OF GUNNING IMPROVEMENT OF JUNCTION	COUNCIL	2	1,746	252	2,243	4,241
TOTAL 52								332,606
54	BATHURST	0.4 KM TO 0.9 KM NORTH OF SHS AT KELSO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	42,973	6,211	55,214	104,398
54	CROOKWELL	29.37 KM TO 32.0 KM NORTH OF CROOKWELL RECONSTRUCTION	COUNCIL	2	43,456	6,281	55,835	105,572

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0051

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM- WLT H S	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
54	GOULBURN	WOLLONDILLY RIVER 3.2 KM NORTH OF GOULBURN FIVE SPAN PRESTRESSED CONCRETE TROUGH GIRDER BRIDGE	DEPT	2	176,052			176,052
54	GOULBURN	BRIDGE OVER WOLLONDILLY RIVER 2.2 KM NORTH OF GOULBURN	COUNCIL	2	60,494	8,744	77,726	146,964
	APPROACHES							
	TOTAL	54						532,986
55	COOLAH	19.0 KM TO 25.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-5,015	-725	-6,443	-12,183
55	COOLAH	23.0 KM TO 24.93 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	1,190	172	1,529	2,891
55	COOLAH	21.4 KM TO 23.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	5,015	725	6,443	12,183
55	COOLAH	BRIDGE OVER TALBRAGAR RIVER 71.47 KM NORTH OF MUDGEE	COUNCIL	2	206,659	29,870	265,524	502,053
	APPROACHES							
55	COOLAH	24.8 KM TO 27.0 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	51,665	7,468	66,381	125,514
55	COOLAH	27.0 KM TO 29.8 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	243,276			243,276
55	COOLAH	TALBRAGAR RIVER 71.47 KM NORTH OF MUDGEE 15 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	2,536	367	3,259	6,162
55	COOLAH	TALBRAGAR RIVER FLOOD PLAIN 71.87 KM NORTH OF MUDGEE 15 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	1,575	228	2,024	3,827
55	COONABARABRAN	42.9 KM TO 47.5 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	108,123			108,123
55	COONABARABRAN	BRIDGE OVER DORINS CREEK 41.6 KM NORTH OF COOLAH	COUNCIL	3	12,052	1,742	15,485	29,279
	APPROACHES							
55	COONABARABRAN	42.9 KM TO 47.45 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	3,505	507	4,503	8,515
55	COONABARABRAN	42.9 KM TO 47.45 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	20,923	3,024	26,882	50,829
55	GREATER LITHGOW	21.5 KM TO 24.2 KM NORTH OF LITHGOW WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	DEPT	2	436,390	63,075	560,694	1,060,159

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0052

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
55	GREATER LITHGOW	18.0 KM TO 20.9 KM NORTH OF LITHGOW WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT	DEPT	2	149,542	21,615	192,138	363,295
55	GUNNEDAH	73.98 KM TO 75.22 KM NORTH OF COOLAH GRAVELLING & SEALING OF SUBGRADE	COUNCIL	3	14,968	2,163	19,232	36,363
55	GUNNEDAH	71.5 KM TO 73.88 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	47,319	6,839	60,798	114,956
55	GUNNEDAH	71.5 KM TO 73.8 KM NORTH OF COOLAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	108,123			108,123
55	GUNNEDAH	COXS CREEK 74.34 KM NORTH OF COOLAH THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	15,174	2,193	19,496	36,863
55	MUDGE	BRIDGE OVER CUDGEGONG CREEK 14.98 KM NORTH OF MUDGE PROVISION OF TEMPORARY BRIDGING & REMOVAL OF OLD BRIDGE	COUNCIL	2	4,225	611	5,428	10,264
55	MUDGE	103.5 KM TO 109.5 KM NORTH OF LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	38,446	5,557	49,397	93,400
55	MUDGE	16.5 KM TO 19.5 KM SOUTH OF MUDGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	1,449	209	1,861	3,519
55	MUDGE	0.8 KM TO 2.0 KM SOUTH OF MUDGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	57,942	8,375	74,446	140,763
55	RYLSTONE	WINDAMERE DAM 18.0 KM TO 34.0 KM EAST OF MUDGE DEVIATION	DEPT	2	42,847	6,193	55,052	104,092
55	RYLSTONE	67.12 KM TO 68.33 KM NORTH OF LITHGOW RECONSTRUCTION OF SELECTED FAILED SECTIONS	COUNCIL	2	-3,407	-493	-4,378	-8,278
55	RYLSTONE	CHERRY TREE HILL 62.5 KM TO 64.6 KM NORTH OF LITHGOW WIDENING OF PAVEMENT	COUNCIL	3	-33,570	-4,852	-43,132	-81,554
55	RYLSTONE	53.4 KM TO 63.4 KM NORTH OF LITHGOW HEAVY PATCHING OF SELECTED LOCATIONS	COUNCIL	3	2,304	333	2,960	5,597
55	RYLSTONE	53.4 KM TO 63.4 KM NORTH OF LITHGOW HEAVY PATCHING OF SELECTED LOCATIONS	COUNCIL	3	25,701	3,715	33,022	62,438
55	RYLSTONE	57.72 KM TO 59.55 KM NORTH OF LITHGOW RECONSTRUCTION & WIDENING STAGE 3	COUNCIL	3	62,865	9,086	80,772	152,723
55	RYLSTONE	CHERRY TREE HILL 60.5 KM TO 62.5 KM NORTH OF LITHGOW RECONSTRUCTION & WIDENING	COUNCIL	3	72,931	10,541	93,705	177,177

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0053

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL COM ^W WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)							
TOTAL	55						3,460,369
56	FORBES	25.25 KM EAST OF FORBES FOUR CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 3	-8,298	-1,199	-10,662	-20,159
56	FORBES	GOONIGAL CREEK 43.95 KM NORTH WEST OF COWRA EIGHT SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	-1,093	-158	-1,405	-2,656
TOTAL	56						-22,815
57	BOGAN	BRIDGE OVER BOGAN RIVER 42.0 KM SOUTH OF NYNGAN AT BUDDABADAH	COUNCIL 3	1,630	236	2,094	3,960
57	LACHLAN	53.04 KM TO 55.04 KM NORTH OF CONDOBOLIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	23	3	29	55
57	TEMORA	1.6 KM TO 6.6 KM SOUTH OF TEMORA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	67,195	9,712	86,335	163,242
TOTAL	57						167,257
61	CABONNE	8.0 KM TO 9.0 KM WEST OF ORANGE WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL 2	76,687	11,084	98,530	186,301
61	CABONNE	56.0 KM TO 56.4 KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	3,738	540	4,802	9,080
61	CABONNE	BRIDGE OVER RAILWAY LINE AT BUMBERRY 64.95 KM WEST OF ORANGE	COUNCIL 2	48,285	6,979	62,038	117,302
61	CABONNE	EASTERN APPROACH					
61	CABONNE	LEVEL CROSSING AT RED HILL NEAR JEERABUNG INSTALLATION OF TYPE F FLASHING LIGHTS & WARNING BELLS	COUNCIL 2	11,425	1,651	14,679	27,755
61	PARKES	WESTERN RAILWAY 64.77 KM WEST OF ORANGE	DEPT 2	74,694	5,015	44,576	84,285
61	PARKES	OVERBRIDGE					
61	PARKES	HIGH ST TO CURRAJONG ST, PARKES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	4,827	698	6,202	11,727
61	PARKES	BRIDGE OVER RAILWAY LINE AT BUMBERRY 64.95 KM WEST OF ORANGE	COUNCIL 2	77,256	11,166	99,261	187,683
61	PARKES	WEST APPROACH					
TOTAL	61						624,133

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0054

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
62	COOLAH	TALBRAGAR RIVER, UARSPY NINE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 2		15,192	2,196	19,519	36,907
	TOTAL	52						36,907
63	BARRABA	75.8 KM TO 77.4 KM NORTH OF TAMWORTH RECONSTRUCTION & REALIGNMENT	COUNCIL 3		18,145	2,623	23,313	44,081
63	BARRABA	4.41 KM TO 8.5 KM SOUTH OF BARRABA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		62,216	8,993	79,938	151,147
63	BINGARA	MYALL CREEK 8.0 KM NORTH OF BINGARA SIX SPAN STEEL GIRDER BRIDGE	DEPT 3		928,694			928,694
63	BINGARA	BRIDGE OVER MYALL CREEK 8.4 KM TO 10.1 KM NORTH OF BINGARA APPROACHES	COUNCIL 3		106,226	15,354	136,485	258,065
63	MAVILLA	59.2 KM TO 61.9 KM NORTH OF MAVILLA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		62,770	9,073	80,650	152,493
63	PARRY	ATTUNGA CREEK 21.03 KM NORTH OF TAMWORTH FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		138,394	19,960	177,430	335,484
63	PARRY	BRIDGE OVER ATTUNGA CREEK 19.6 KM TO 20.6 KM NORTH OF TAMWORTH APPROACHES	COUNCIL 3		99,102	14,324	127,331	240,757
63	YALLAROI	20.85 KM TO 21.85 KM NORTH OF WARIALDA RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3		6,336	916	8,141	15,393
63	YALLAROI	21.8 KM TO 23.2 KM NORTH OF WARIALDA RECONSTRUCTION OF DAMAGED PAVEMENT	COUNCIL 3		2,517	364	3,234	6,115
63	YALLAROI	19.4 KM TO 20.9 KM NORTH OF WARIALDA RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3		36,962	5,342	47,490	89,794
63	YALLAROI	23.15 KM TO 24.5 KM NORTH OF WARIALDA RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 3		17,383	2,512	22,334	42,229
63	YALLAROI	CRAWFORDS ARM CREEK 21.5 KM NORTH OF WARIALDA NINE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 3		36,214	5,234	46,529	87,977
	TOTAL	63						2,352,229
65	BYRON	1.60 KM TO 2.35 KM SOUTH OF BYRON BAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		9,222	1,333	11,849	22,404

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0055

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	TRUNK ROADS (CONT'D)							
65	LISMORE APPROACHES	OVERBRIDGE AT PEX HILL 10.5 KM TO 11.3 KM NORTH OF LISMORE	COUNCIL 3		13,742	1,986	17,657	33,385
	TOTAL 65							55,789
67	BALRAVALD	3.4 KM TO 32.6 KM SOUTH OF BALRAVALD WIDENING & SEALING OF PAVEMENT	COUNCIL 3		1,208	175	1,552	2,935
67	BALRAVALD	3.4 KM TO 32.6 KM SOUTH OF SH14 RESEALING VARIOUS SECTIONS	COUNCIL 3		53,113	7,677	68,242	129,032
67	WAKOOL	WAKOOL RIVER 55.63 KM NORTH OF THE MURRAY RIVER AT SWAN HILL DEMOLITION OF OLD BRIDGE	DEPT 3		11,033	1,595	14,176	26,804
	TOTAL 67							158,771
68	BOURKE	WINBAR CREEK, 129.44 KM SOUTH OF BOURKE THREE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL 3		48,285	6,979	62,038	117,302
68	BOURKE APPROACHES	BRIDGE OVER WINEAR CREEK 129.4 KM SOUTH OF BOURKE	COUNCIL 3		24,142	3,490	31,019	58,651
68	BOURKE	DUNLOP CREEK 107.4 KM SOUTH OF BOURKE REINFORCED CONCRETE BOX CULVERT & APPROACHES	COUNCIL 3		45,179	6,530	58,048	109,757
68	BOURKE	7.4 KM TO 13.0 KM EAST OF BOURKE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT 3		531,796			531,796
68	BREWARRINA	6.7 KM TO 40.7 KM WEST OF BREWARRINA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		31,435			31,435
68	CENTRAL DARLING	1.0 KM TO 15.4 KM WEST OF MENINDEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		57,942	8,375	74,446	140,763
68	COBAR APPROACHES	BRIDGE OVER NELYAMBO CREEK 91.9 KM NORTH OF WILCANNIA	COUNCIL 3		28,971	4,187	37,223	70,381
68	COBAR	NELYAMBO CREEK 86.55 KM EAST OF WILCANNIA THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 1		82,084	11,864	105,465	199,413
68	WALGETT	0.79 KM TO 2.42 KM WEST OF COLLARENEBRI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		62,770	9,073	80,650	152,493
68	WALGETT	THIRTEEN MILE WARRAMBOOL 20.29 KM WEST OF WALGETT PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		261,955			261,955

APPENDIX 5.0056

ROAD	LOCAL GOVT AREA	LOCATION OF WORK	CONST AUTH	HAASRA RD CL COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)		DESCRIPTION OF WORK					
68	WALGETT	7.58 KM TO 13.50 KM WEST OF WALGETT RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	16,385			16,385
68	WALGETT	13.51 KM TO 19.10 KM WEST OF WALGETT RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	36,006			36,006
68	WALGETT	19.1 KM TO 26.0 KM WEST OF WALGETT RECONSTRUCTION & BITUMINOUS SEALING	COUNCIL 3	1,047,820			1,047,820
68	WENTWORTH	82.4 KM TO 93.4 KM NORTH OF WENTWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	38,628	5,583	49,631	93,842
TOTAL 68							2,867,999
70	BOGAN	22.0 KM TO 24.18 KM EAST OF COOLABAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	26,913	12,562	111,669	211,144
70	BREWARRINA	41.2 KM TO 43.32 KM NORTH OF BREWARRINA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	-16,573	-2,396	-21,294	-40,263
70	BREWARRINA	BRIDGE OVER BOGAN RIVER AT GONGOLON APPROACHES	COUNCIL 3	14,425	2,094	18,612	35,191
70	BREWARRINA	117.2 KM TO 118.8 KM NORTH OF BREWARRINA UPGRADING OF CAUSEWAYS & CULVERTS	COUNCIL 3	52,727	7,630	67,823	128,240
70	BREWARRINA	BOGAN RIVER 53.09 KM SOUTH OF BREWARRINA FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	28,971	4,127	37,223	70,381
TOTAL 70							404,693
72	GUNNDAH	RAILWAY LEVEL CROSSING AT CURLEWIS APPROACHES	COUNCIL 3	38,622	5,522	49,623	93,827
72	GUNNDAH	65.3 KM NORTH OF QUIRINDI RELOCATION OF LEVEL CROSSING & TYPE F FLASHING LIGHTS	COUNCIL 2	12,071	1,745	15,510	29,326
72	QUIRINDI	19.50 KM TO 19.95 KM NORTH OF QUIRINDI STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL 2	7,420	1,073	9,534	18,027
72	QUIRINDI	3.26 KM TO 4.5 KM NORTH OF SH9 STRENGTHENING & REHABILITATION OF PAVEMENT	COUNCIL 2	46,659	6,744	59,949	113,352
TOTAL 72							254,532

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0057

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)						
73	INVERELL APPROACHES	BRIDGE OVER COPE'S CREEK 29.4 KM TO 30.2 KM NORTH OF BUNDARRA	COUNCIL 3	11,863	1,715	15,243	28,821
73	UNALLA RECONSTRUCTION OF APPROACHES	RAILWAY LEVEL CROSSING 37.35 KM TO 38.20 KM NORTH OF WALCHA	COUNCIL 3	1,183	171	1,520	2,874
73	UNALLA RECONSTRUCTION & BITUMINOUS SURFACING	36.8 KM TO 38.0 KM NORTH OF WALCHA	COUNCIL 3	49,953	7,220	64,182	121,355
	TOTAL 73						153,050
74	ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	1.6 KM TO 2.0 KM EAST OF ARMIDALE	COUNCIL 2	1,383	200	1,778	3,361
74	ARMIDALE RECONSTRUCTION & BITUMINOUS SURFACING	2.03 KM TO 2.95 KM EAST OF ARMIDALE	COUNCIL 2	32,104	4,640	41,248	77,992
74	DUMARESQ RECONSTRUCTION & BITUMINOUS SURFACING - STAGE 2	82.2 KM TO 84.2 KM EAST OF ARMIDALE	COUNCIL 2	44,129	6,378	56,699	107,206
74	DUMARESQ APPROACHES	COMMISSIONERS WATERS BRIDGE 5.36 KM TO 3.0 KM EAST OF ARMIDALE	COUNCIL 2	243,546	35,205	312,925	591,676
74	DUMARESQ RECONSTRUCTION ON EXISTING ALIGNMENT	20.0 KM TO 40.35 KM EAST OF ARMIDALE	COUNCIL 2	36,503	5,276	46,901	88,680
74	DUMARESQ FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COMMISSIONERS WATERS 6.88 KM EAST OF ARMIDALE	COUNCIL 3	413,028			413,028
74	NYMPHIDA RECONSTRUCTION & BITUMINOUS SURFACING	102.6 KM TO 103.6 KM SOUTH OF GRAFTON	COUNCIL 3	7,243	1,047	9,306	17,596
74	NYMPHIDA RECONSTRUCTION & BITUMINOUS SURFACING	99.9 KM TO 102.6 KM SOUTH OF GRAFTON	COUNCIL 3	34,318	4,960	44,094	83,372
	TOTAL 74						1,382,911
75	DUMARESQ APPROACHES	BRIDGE OVER DYKE RIVER 93.2 KM TO 93.8 KM EAST OF ARMIDALE	COUNCIL 2	49,885	7,210	64,094	121,189
75	KEMPSEY RECONSTRUCTION & BITUMINOUS SURFACING	58.46 KM TO 59.9 KM WEST OF KEMPSEY	COUNCIL 3	-612	-89	-787	-1,488
	TOTAL 75						119,701

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0058

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)							
76	BELLINGEN	BRIDGE OVER WILLS CREEK 9.9 KM TO 10.6 KM WEST OF BELLINGEN RECONSTRUCTION OF APPROACHES		COUNCIL 2	9,657	1,396	12,408	23,461
76	BELLINGEN	17.0 KM TO 19.0 KM WEST OF BELLINGEN RESTORATION OF FAILED PAVEMENT		COUNCIL 3	19,564	2,828	25,136	47,528
76	BELLINGEN	7.7 KM TO 8.7 KM WEST OF DORRIGO RECONSTRUCTION & STRENGTHENING OF PAVEMENT		COUNCIL 3	36,007	5,204	46,263	87,474
76	BELLINGEN	8.7 KM TO 9.95 KM WEST OF DORRIGO STRENGTHENING & WIDENING OF PAVEMENT		COUNCIL 2	12,278	1,775	15,775	29,828
76	BELLINGEN	0.0 KM TO 29.45 KM WEST OF DORRIGO WIDENING OF SHOULDERS & IMPROVEMENT OF TABLEDRAINS		COUNCIL 2	19,314	2,792	24,815	46,921
76	BELLINGEN	19.1 KM TO 19.5 KM WEST OF DORRIGO RECONSTRUCTION & WIDENING OF PAVEMENT		COUNCIL 2	33,799	4,885	43,427	82,111
	TOTAL	76						317,323
77	GILGANDRA	CASTLEREAGH RIVER 33.96 KM EAST OF GILGANDRA SEVEN SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	DEPT	3	346,758			346,758
77	GILGANDRA	BRIDGE OVER SALLABALAH CREEK 23.8 KM EAST OF GILGANDRA APPROACHES		COUNCIL 3	27,221	3,934	34,974	66,129
77	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER AT BOYBEN APPROACHES		COUNCIL 3	38,628	5,583	49,631	93,842
77	GILGANDRA	BRIDGE OVER CASTLEREAGH RIVER 40.2 KM EAST OF GILGANDRA FABRICATION & SUPPLY OF GIRDERS	DEPT	3	61,221	8,849	78,659	148,729
77	GILGANDRA	SALLABALAH CREEK 23.8 KM EAST OF GILGANDRA REINFORCED CONCRETE BRIDGE		COUNCIL 3	67,599	9,771	86,854	164,224
77	GILGANDRA	SALLABALAH CREEK 14.8 KM EAST OF GILGANDRA DEMOLITION OF EXISTING BRIDGE		COUNCIL 3	2,414	349	3,102	5,865
	TOTAL	77						825,547
78	COOTAMUNDRA	9.3 KM TO 11.0 KM SOUTH OF COOTAMUNDRA RECONSTRUCTION		COUNCIL 2	62,770	9,073	80,650	152,493
78	COOWRA	3.9 KM TO 5.4 KM SOUTH OF COOWRA STRENGTHENING & WIDENING OF PAVEMENT		COUNCIL 2	11,220	1,622	14,416	27,258

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0059

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	CULCAIRN	68.0 KM TO 69.5 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		-14,076	-2,035	-18,086	-34,197
78	CULCAIRN	4.15 KM TO 6.95 KM SOUTH OF CULCAIRN WIDENING & STRENGTHENING ON EXISTING LINE & GRADE	COUNCIL 2		35,731	5,164	45,908	86,803
78	CULCAIRN	69.5 KM TO 70.4 KM SOUTH OF WAGGA WAGGA WIDENING & STRENGTHENING ON EXISTING PAVEMENT	COUNCIL 2		27,039	3,908	34,742	65,689
78	HARDEF	10.79 KM TO 11.81 KM SOUTH OF YOUNG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		38,323	5,539	49,239	93,101
78	HUME	13.16 KM TO 14.20 KM NORTH OF ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		62,770	9,073	80,650	152,493
78	JUNEE	22.55 KM TO 24.8 KM NORTH OF JUNEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		30,920	4,469	39,728	75,117
78	JUNEE	24.8 KM TO 27.5 KM NORTH OF JUNEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		41,507	5,999	53,330	100,836
78	LOCKHART	36.3 KM TO 44.3 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		16,149	2,334	20,749	39,232
78	LOCKHART	36.3 KM TO 57.2 KM SOUTH OF WAGGA WAGGA WIDENING & RESURFACING OF SHOULDERS	COUNCIL 2		10,919	1,578	14,029	26,526
78	LOCKHART	40.0 KM TO 42.0 KM SOUTH OF WAGGA WAGGA WIDENING & STRENGTHENING ON EXISTING ALIGNMENT	COUNCIL 2		49,733	7,188	63,900	120,821
78	WAGGA WAGGA	20.42 KM TO 21.92 KM SOUTH OF WAGGA WAGGA AT BON ACCORD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2		66,633	9,631	85,613	161,877
78	WAGGA WAGGA	12.7 KM TO 16.5 KM SOUTH OF WAGGA WAGGA RECONSTRUCTION	COUNCIL 2		48,985	7,080	62,938	119,003
78	YOUNG	BRIDGE OVER OPENING CREEK 34.7 KM NORTH OF YOUNG APPROACHES	COUNCIL 2		53,113	7,677	68,242	129,032
78	YOUNG	OPENING CREEK 34.59 KM NORTH OF YOUNG THREE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 2		15,772	2,280	20,265	38,317
78	YOUNG	OPENING CREEK 34.89 KM NORTH OF YOUNG FOUR CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 2		8,370	1,210	10,754	20,334
	TOTAL	78						1,374,735

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 \$
TRUNK ROADS (CONT'D)							
80	GRIFFITH	15.7 KM TO 17.4 KM WEST OF GRIFFITH REHABILITATION OF PAVEMENT	COUNCIL 3	19,314	2,792	24,815	46,921
80	LEETON	18.0 KM TO 20.4 KM EAST OF LEETON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	50,173	7,252	64,464	121,889
80	LEETON	16.0 KM TO 24.1 KM WEST OF LEETON REHABILITATION OF PAVEMENT	COUNCIL 3	39,154	5,659	50,307	95,120
80	NARRANDERA	5.0 KM TO 6.7 KM WEST OF NARRANDERA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	2,690	389	3,456	6,535
TOTAL 80							270,465
82	NEWCASTLE	DENISON ST TO LAWSON ST, HAMILTON DIVIDED CARRIAGEWAYS	COUNCIL 6		8,088		8,088
TOTAL 82							8,088
83	COPMANHURST	BRIDGE OVER UNNAMED CREEK 49.35 KM TO 49.95 KM NORTH OF GRAFTON	COUNCIL 2	240	35	308	583
83	COPMANHURST	UNNAMED CREEK 49.67 KM NORTH OF GRAFTON FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 2	-205	-30	-263	-498
83	GRAFTON	CLARENCE ST & VILLIERS ST, GRAFTON WIDENING & STRENGTHENING OF INTERSECTION	COUNCIL 2	72,910	10,538	93,678	177,126
83	KYOGLE	35.5 KM TO 34.7 KM NORTH OF KYOGLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	23,660	3,420	30,399	57,479
83	KYOGLE	17.6 KM TO 19.1 KM NORTH OF GRAFTON RECONSTRUCTION	COUNCIL 2	48,379	6,993	62,160	117,532
83	KYOGLE	38.7 KM TO 40.7 KM NORTH OF KYOGLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	71,362	10,315	91,689	173,366
TOTAL 83							525,588
84	HARDEN	48.96 KM TO 51.06 KM WEST OF YASS RECONSTRUCTION OF PAVEMENT & PROVISION OF CLIMBING LAKE	COUNCIL 3	14,592	2,109	18,749	35,450
84	HARDEN	1.5 KM WEST TO 0.4 KM EAST OF HARDEN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 2	9,855	1,424	12,662	23,941

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0061

ROAD	LOCAL SOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
84	YASS	27.0 KM TO 29.0 KM WEST OF YASS						
	RECONSTRUCTION		COUNCIL	3	30,975	4,477	39,798	75,250
84	YASS	41.0 KM TO 43.2 KM WEST OF YASS TOWARDS HARDEN						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	41,042	5,932	52,733	99,707
	TOTAL	34						234,348
85	TUMBARUMBA	19.0 KM TO 20.7 KM SOUTH WEST OF TUMBARUMBA						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	35,056	5,067	45,041	85,164
85	TUMBARUMBA	21.04 KM TO 23.44 KM NORTH OF TUMBARUMBA						
	WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT		COUNCIL	3	41,147	5,947	52,867	99,961
85	TUMBARUMBA	16.61 KM TO 19.04 KM NORTH OF TUMBARUMBA						
	WIDENING OF FORMATION & STRENGTHENING OF PAVEMENT		COUNCIL	3	48,285	6,979	62,038	117,302
85	TUMUT	12.3 KM TO 26.9 KM & 31.0 KM TO 31.9 KM SOUTH OF TUMUT						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	27,010	3,904	34,704	65,618
85	TUMUT	31.6 KM TO 36.5 KM SOUTH OF SH4 AT GILMORE						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	12,004	1,735	15,423	29,162
	TOTAL	85						397,207
86	COROJA	3.0 KM TO 5.3 KM SOUTH OF SH20						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	42,014	6,073	53,981	102,068
86	COROJA	5.3 KM TO 5.7 KM SOUTH OF SH20						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	8,691	1,256	11,167	21,114
	TOTAL	36						123,182
90	GLOUCESTER	11.2 KM TO 12.0 KM SOUTH OF GLOUCESTER						
	RECONSTRUCTION OF PAVEMENT, SHOULDERS & DRAINAGE		COUNCIL	3	15,451	2,233	19,852	37,536
90	GLOUCESTER	10.4 KM TO 11.2 KM SOUTH OF GLOUCESTER						
	REHABILITATION OF FAILED PAVEMENT		COUNCIL	3	32,834	4,746	42,186	79,766
90	GREAT LAKES	BRIDGE OVER MAMMY JOHNSON'S RIVER 6.9 KM NORTH OF STROUD						
	APPROACHES		COUNCIL	3	84,498	12,213	108,567	205,278
90	GREAT LAKES	MAMMY JOHNSON'S RIVER, 76.1 KM NORTH OF NEWCASTLE						
	FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE		DEPT	3	437,155			437,155

APPENDIX 5.0062

ROAD	LOCAL GOVT AREA	LOCATION OF WORK	CONST	NAASRA		SOURCE OF	FUNDS	
		DESCRIPTION OF WORK	AUTH	RD CL	COMWLTH	STATE	LOANS	TOTAL
	TRUNK ROADS (CONT'D)				\$	\$	\$	\$
90	GREAT LAKES	NORTH COAST RAILWAY, STROUD ROAD SINGLE SPAN STEEL GIRDER & CONCRETE BRIDGE	DEPT	3	220,754			280,754
90	GREATER TAREE	BURRELL CREEK 21.0 KM WEST OF SH10, PURFLEET REINFORCED CONCRETE BRIDGE	COUNCIL	3	302,743			302,743
90	GREATER TAREE	BRIDGE OVER BURRELL CREEK 21.4 KM WEST OF SH10 AT PURFLEET APPROACHES	COUNCIL	3	24,142	3,490	31,019	58,651
	TOTAL	90						1,401,883
91	REGA VALLEY	14.9 KM TO 17.06 KM WEST OF PAMBULA GRAVELLING & BITUMINOUS SURFACING	COUNCIL	3	43,456	6,281	55,835	105,572
	TOTAL	91						105,572
93	BOMBALA	2.4 KM TO 6.24 KM SOUTH OF BOMBALA DEVIATION	COUNCIL	3	75,646	10,934	97,194	183,774
93	BOMBALA	6.2 KM TO 7.7 KM SOUTH OF BOMBALA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	43,456	6,281	55,835	105,572
92	BOMBALA	SAUCY CREEK 5.5 KM WEST OF BOMBALA EIGHT SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	COUNCIL	2	-1,031	-149	-1,324	-2,504
93	BOMBALA	RACECOURSE CREEK 4.35 KM WEST OF BOMBALA THREE SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	COUNCIL	2	2,404	347	3,088	5,839
	TOTAL	93						292,681
94	WAKOOL	MERRAN CREEK 133.0 KM WEST OF DENILIKUIN THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	2	8,233	1,190	10,578	20,001
94	WAKOOL	GLEESONS BRIDGE 59.0 KM WEST OF DENILIKUIN APPROACHES	COUNCIL	2	702	101	902	1,705
94	WAKOOL	BRIDGE OVER MERRAN CREEK 133.0 KM WEST OF DENILIKUIN APPROACHES	COUNCIL	3	9,138	1,321	11,741	22,200
94	WAKOOL	55.5 KM TO 56.7 KM WEST OF DENILIKUIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	35,248	5,095	45,288	85,631
	TOTAL	94						129,537

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 \$
TRUNK ROADS (CONT'D)								
95	WOLLONDILLY	CORDEAUX TURNOFF 24.6 KM TO 27.6 KM WEST OF WOLLONGONG	DEPT	7	337,473	188,425		525,898
		PAVEMENT RECONSTRUCTION						
95	WOLLONDILLY	30.75 KM TO 33.75 KM WEST OF WOLLONGONG	DEPT	2	844,367	122,043	1,084,881	2,051,291
		REHABILITATION OF PAVEMENT & SHOULDERS						
95	WOLLONGONG	18.2 KM TO 22.23 KM NORTH OF WOLLONGONG	DEPT	7	8,128			8,128
		PROVISION OF TWO CLIMBING LANES						
95	WOLLONGONG	3.65 KM WEST OF WOLLONGONG	DEPT	6		315,844		315,844
		IMPROVEMENT OF INTERSECTION						
95	WOLLONGONG	THE CUTTINGS 14.35 KM TO 15.35 KM NORTH WEST OF WOLLONGONG	DEPT	7	25,278			25,278
		RECONSTRUCTION & WIDENING OF PAVEMENT						
95	WOLLONGONG	9.2 KM TO 13.0 KM WEST OF WOLLONGONG	DEPT	6		976,576		976,576
		REHABILITATION OF SELECTED LENGTHS						
95	WOLLONGONG	27.6 KM TO 30.2 KM WEST OF WOLLONGONG	DEPT	7		1,631,425		1,631,425
		REHABILITATION OF PAVEMENT						
TOTAL		95						5,534,440
TOTAL		TRUNK ROADS			12,480,241	4,108,897	8,787,390	25,376,528

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0064

ROAD	LOCAL GOVT AREA MAIN ROADS	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM WLT H \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
101	DUNGOG	BRIDGE OVER TABBIL CREEK 2.5 KM TO 3.4 KM SOUTH OF DUNGOG	COUNCIL 3		28,445	4,111	36,547	69,103
	APPROACHES							
101	DUNGOG	TABBIL CREEK 29.87 KM NORTH OF PATTERSON	COUNCIL 3		-440	-64	-566	-1,070
		THREE SPAN PRESTRESSED CONCRETE BRIDGE						
	TOTAL	101						68,033
104	MAITLAND	9.5 KM TO 19.0 KM EAST OF MAITLAND	COUNCIL 7			224,420		224,420
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	104						224,420
105	MUNDLE	25.6 KM TO 29.5 KM SOUTH OF TAYWORTH	COUNCIL 3		32,834	4,746	42,186	79,766
		STRENGTHENING & WIDENING						
105	SCONE	79.3 KM TO 87.76 KM NORTH OF SCONE	DEPT 4			-668,859		-668,859
		STRENGTHENING & WIDENING OF PAVEMENT						
105	SCONE	43.05 KM TO 44.27 KM NORTH OF SCONE	COUNCIL 4			16,046		16,046
		RECONSTRUCTION & BITUMINOUS SURFACING						
105	SCONE	44.27 KM TO 46.10 KM EAST OF SCONE	COUNCIL 4			131,033		131,033
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	105						-442,014
106	MUNDLE	26.4 KM TO 30.5 KM WEST OF MUNDLE	COUNCIL 3		19,842	2,868	25,493	48,203
		GRAVELLING & BITUMINOUS SURFACING						
106	QUIRINDI	33.69 KM TO 34.69 KM WEST OF MUNDLE	COUNCIL 3		15,447	2,233	19,847	37,527
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	106						85,730
108	NEWCASTLE	STOCKTON BRIDGE 14.0 KM TO 15.0 KM FROM NEWCASTLE	COUNCIL 6			50,495		50,495
		RESURFACING APPROACHES						
	TOTAL	108						50,495
110	GREAT LAKES	BRANCH CREEK 5.3 KM EAST OF BOORAL	COUNCIL 3		28,971	4,187	37,223	70,381
		THREE SPAN PRESTRESSED CONCRETE BRIDGE						

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0065

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM'WLTH	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)					
110	GREAT LAKES APPROACHES	BRIDGE OVER BRANCH CREEK 6.3 KM FROM BOORAL	COUNCIL 3	12,071	1,745	15,510
	TOTAL 110					99,707
111	GREAT LAKES FOUR SPAN PRESTRESSED CONCRETE BRIDGE	DARAWANK CREEK 27.35 KM SOUTH OF TAREE	COUNCIL 3	2,414	349	3,102
111	GREAT LAKES APPROACHES	BRIDGE OVER DARAWANK CREEK 5.2 KM TO 7.9 KM NORTH OF FORSTER	COUNCIL 3	101,937	14,734	130,974
111	GREAT LAKES RECONSTRUCTION	VARIOUS LENGTHS SOUTH OF FORSTER	COUNCIL 3	-5,181	-749	-6,656
111	GREAT LAKES SECOND CARRIAGEWAY	HELEN ST & MARK ST, FORSTER	COUNCIL 3	60,708	8,775	78,001
111	GREAT LAKES RECONSTRUCTION & BITUMINOUS SURFACING	VARIOUS SECTIONS EAST OF BULAHDELAH	COUNCIL 3	-1,200	-173	-1,541
	TOTAL 111					385,494
112	GREATER TAREE SINGLE SPAN PRESTRESSED CONCRETE BRIDGE	NORTH COAST RAILWAY LINE, WINGHAM	COUNCIL 3	109,969	15,895	141,293
112	GREATER TAREE APPROACHES	BRIDGE OVER NORTH COAST RAILWAY LINE, WINGHAM	COUNCIL 3	226,938	32,801	291,581
112	HASTINGS RECONSTRUCTION & BITUMINOUS SURFACING	51.62 KM TO 53.32 KM SOUTH WEST OF PORT MACQUARIE	COUNCIL 3	3,359	486	4,316
	TOTAL 112					826,638
118	NAMBURCA LOWERING OF RAILWAY UNDERPASS	4.00 KM NORTH OF MACKSVILLE	COUNCIL 3	19,314	2,792	24,815
	TOTAL 118					46,921
125	ALBURY RECONSTRUCTION & BITUMINOUS SURFACING	SANDERS ST TO HAGUE ST, ALBURY	COUNCIL 3	49,480	7,152	63,574
125	ALBURY RECONSTRUCTION	SANDERS ST TO HAGUE ST, ALBURY	COUNCIL 3	8,461	1,223	10,872
						20,556

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0066

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)							
TOTAL	125						140,762
126	QUIRINDI APPROACHES	BRIDGE OVER QUIRINDI CREEK 0.54 KM TO 1.04 KM EAST OF QUIRINDI	COUNCIL 3	9,657	1,396	12,408	23,461
126	QUIRINDI	0.75 KM EAST OF QUIRINDI FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3	96,569	13,958	124,077	234,604
TOTAL	126						258,065
129	COONAMBLE	35.01 KM TO 37.56 KM EAST OF COONAMBLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	22,575	3,263	29,005	54,843
129	COONAMBLE	37.5 KM TO 48.2 KM EAST OF COONAMBLE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	69,739	10,080	89,604	169,423
TOTAL	129						224,266
130	QUIRINDI APPROACHES	QUIPOLLY BRIDGE 10.15 KM TO 10.95 KM NORTH OF QUIRINDI	COUNCIL 3	9,657	1,396	12,408	23,461
130	TAMWORTH	59.80 KM TO 60.56 KM NORTH OF QUIRINDI WIDENING & STRENGTHENING OF PAVEMENT	COUNCIL 3	4,955	716	6,366	12,037
130	TAMWORTH	3.6 KM TO 4.2 KM SOUTH OF TAMWORTH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	26,074	3,769	33,501	63,344
TOTAL	130						98,842
131	URANA	14.2 KM TO 15.45 KM SOUTH OF URANA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	16,143	2,333	20,741	39,217
TOTAL	131						39,217
133	BINGARA	35.5 KM TO 35.7 KM WEST OF BINGARA RECONSTRUCTION ON NEW ALIGNMENT TO GRAVEL BASECOURSE	COUNCIL 3	26,895	3,887	34,555	65,337
133	BINGARA	19.3 KM TO 20.0 KM WEST OF BINGARA RECONSTRUCTION & WIDENING OF GRAVEL PAVEMENT	COUNCIL 3	2,044	295	2,627	4,966
TOTAL	133						70,303

APPENDIX 5.0067

ROAD	LOCAL GOVT AREA	LOCATION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH \$	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)		DESCRIPTION OF WORK						
135	GUYRA	RAILWAY LEVEL CROSSING AT OLLERA ST, GUYRA INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	COUNCIL	3	4,528	654	5,817	10,999
135	GUYRA	27.81 KM TO 30.89 KM NORTH OF GUYRA RECONSTRUCTION ON IMPROVED ALIGNMENT	COUNCIL	3	49,250	7,119	63,279	119,648
TOTAL		135	130,647					
136	INVERELL	WEAN CREEK 42.28 KM WEST OF EMMAVILLE NEW BRIDGE	COUNCIL	3	40,511	5,855	52,050	98,416
136	INVERELL	BRIDGE OVER WEAN CREEK 31.2 KM NORTH EAST OF INVERELL APPROACHES	COUNCIL	3	13,037	1,884	16,750	31,671
136	SEVERN	14.1 KM TO 22.3 KM NORTH EAST OF EMMAVILLE REHABILITATION & WIDENING	COUNCIL	3	33,799	4,885	43,427	82,111
TOTAL		136	212,198					
137	INVERELL	CULVERT 1.56 KM NORTH OF INVERELL RECONSTRUCTION OF APPROACHES	COUNCIL	3	12,071	1,745	15,510	29,326
137	INVERELL	33.0 KM TO 34.7 KM NORTH OF ASHFORD DEVIATION	COUNCIL	3	5,881	850	7,557	14,288
137	INVERELL	SPRING CREEK DEVIATION 31.2 KM TO 36.3 KM NORTH OF ASHFORD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	61,370	8,870	78,851	149,091
TOTAL		137	192,705					
138	INVERELL	BRIDGE OVER DUMARESQ RIVER, TEXAS SOUTHERN APPROACH	COUNCIL	3	14,727	2,129	18,922	35,776
138	INVERELL	DUMARESQ RIVER, TEXAS FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	3	558	81	717	1,356
TOTAL		138	37,134					
143	TWEED	7.73 KM TO 10.3 KM NORTH OF MURWILLUMBAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		75,720		75,720
TOTAL		143	75,720					

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0068

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)						
147	LISMORE	12.36 KM TO 15.36 KM NORTH OF WOODBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 4		214,807		214,807
	TOTAL 147						214,807
149	CASINO	BRIDGE OVER Oakey Creek 42.6 KM WEST OF WOODBURN APPROACHES	COUNCIL 3	73,645	10,645	94,622	178,912
	TOTAL 149						178,912
151	COFFS HARBOUR	3.3 KM TO 3.7 KM WEST OF COFFS HARBOUR REALIGNMENT OF CURVES	COUNCIL 3	27,696	4,003	35,585	67,284
151	COFFS HARBOUR	CEMETERY ACCESS 9.2 KM TO 9.7 KM NORTH OF COFFS HARBOUR TYPE FOUR INTERSECTION	COUNCIL 2	18,657	2,697	23,972	45,326
151	COPMANHURST	28.4 KM TO 30.0 KM NORTH OF GRAFTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 4		175,524		175,524
151	ULMARRA	65.4 KM TO 68.4 KM NORTH OF COFFS HARBOUR RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	28,971	4,187	37,223	70,381
	TOTAL 151						358,515
152	MACLEAN	11.5 KM TO 12.35 KM EAST OF MACLEAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	5,952	860	7,647	14,459
152	MACLEAN	12.35 KM TO 13.5 KM EAST OF MACLEAN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	20,569	2,973	26,428	49,970
	TOTAL 152						64,429
153	RICHMOND RIVER	0.29 KM TO 0.78 KM EAST OF SH10, WOODBURN RECONSTRUCTION & REALIGNMENT	COUNCIL 3	13,464	1,946	17,299	32,709
	TOTAL 153						32,709
154	CAMDEN	10.4 KM TO 12.2 KM FROM CAMPBELLTOWN RECONSTRUCTION & IMPROVEMENT OF INTERSECTION	COUNCIL 6	-9,862	-2,985	-7,635	-20,482
154	CAMDEN	COBBITY RD TO BRINGELLY RD, ORAN PARK RECONSTRUCTION OF FAILED PAVEMENT	COUNCIL 6	46,044	13,937	35,645	95,626

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0069

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)							
154	LIVERPOOL	LUDDENHAM TO BRINGELLY RECONSTRUCTION & WIDENING	COUNCIL 6		61,981	18,761	47,982	128,724
154	LIVERPOOL	BRIDGE OVER THOMPSONS CREEK 1.5 KM NORTH OF BRINGELLY	COUNCIL 6		-15,173	-4,593	-11,746	-31,512
154	LIVERPOOL	BRIDGE OVER THOMPSONS CREEK AT BRINGELLY APPROACHES - PUBLIC UTILITY ADJUSTMENTS	COUNCIL 6		18,173	5,501	14,069	37,743
154	PENRITH	ANDREWS RD TO NINTH AVE, CRANEBROOK ASPHALT OVERLAY	DEPT 6		159,812	60,482	154,682	414,976
	TOTAL	154						625,075
155	HAWKESBURY	MARCH ST TO LENNOX ST, RICHMOND RECONSTRUCTION	COUNCIL 7		-1,845	-559	-1,428	-3,832
155	PENRITH	BRIDGE OVER SURVEYORS CREEK PUBLIC UTILITY ADJUSTMENT	COUNCIL 7		12,113	3,667	9,377	25,157
155	PENRITH	MULGOA RD BETWEEN BATT ST & JAMISON RD, PENRITH RECONSTRUCTION & WIDENING - PUBLIC UTILITY ADJUSTMENTS	COUNCIL 7		3,488	1,056	2,701	7,245
155	PENRITH	BOUNDARY CREEK 1.11 KM NORTH OF SHS RECONSTRUCTION OF CULVERT	COUNCIL 7		58,775	17,791	45,500	122,066
155	PENRITH	MULGOA RD BETWEEN FACTORY RD & GIBBES ST REGENTVILLE RECONSTRUCTION & WIDENING	COUNCIL 7		108,340	32,794	83,870	225,004
155	PENRITH	BRIDGE OVER JERRYS CREEK 16.4 KM WEST OF WALLACIA APPROACHES	COUNCIL 7		8,667	2,624	6,710	18,001
155	PENRITH	JERRYS CREEK ON MULGOA RD, PENRITH REPLACEMENT OF TIMBER BRIDGE	COUNCIL 7		6,500	1,968	5,032	13,500
	TOTAL	155						407,141
156	BAULKHAM HILLS	ROBERT RD TO VICTORIA RD, PENNANT HILLS RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6		245,336	74,262	189,925	509,523
156	BAULKHAM HILLS	VICTORIA RD TO HIGHS RD, PENNANT HILLS RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6		22,159	6,707	17,154	46,020
156	BAULKHAM HILLS	CASTLE HILL RD FROM ROBERT RD TO FRANKLIN RD, PENNANT HILLS RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	COUNCIL 6		46,884	14,192	36,295	97,371

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0070

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
	MAIN ROADS (CONT'D)			\$	\$	\$
156	HORNSBY	NEW LINE RD TO VICTORIA RD, PENNANT HILLS DIVIDED CARRIAGEWAYS	COUNCIL 6	2,375	719	1,839
	TOTAL	156				4,933
157	BAULKHAM HILLS	SHOWGROUND RD WESTERLY FROM CARRINGTON RD, CASTLE HILL WIDENING OF SOUTHERN SIDE	COUNCIL 6	4,000	1,211	3,097
157	BAULKHAM HILLS	BRIDGE OVER CATTAI CREEK 0.6 KM TO 1.3 KM NORTH OF MK124 APPROACHES	COUNCIL 6	3,870	1,171	2,996
	TOTAL	157				8,037
160	BAULKHAM HILLS	WINDSOR RD TO ROGAN'S HILL RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL 6	-15	-5	-12
160	BAULKHAM HILLS	WINDSOR RD TO ROGAN'S HILL RECONSTRUCTION & PAVEMENT STRENGTHENING	COUNCIL 6	27,085	8,198	20,968
160	BAULKHAM HILLS	OLD NORTHERN RD & NEW LINE RD, DURAL MINOR IMPROVEMENTS TO INTERSECTION	COUNCIL 7	2,418	732	1,872
160	BAULKHAM HILLS	NEW LINE RD TO GALSTON RD, DURAL RECONSTRUCTION & WIDENING	COUNCIL 7	1,906	577	1,476
160	BAULKHAM HILLS	INTERSECTION WITH GALSTON RD, DURAL RECONSTRUCTION OF INTERSECTION	COUNCIL 7	14,890	4,507	11,527
160	HORNSBY	SH10 TO MONTVIEW PDE, DURAL RECONSTRUCTION & WIDENING - STAGE 1	COUNCIL 7	27,085	8,198	20,968
160	HORNSBY	OLD NORTHERN RD BETWEEN QUARRY RD & GALSTON RD, DURAL RECONSTRUCTION - PUBLIC UTILITIES ADJUSTMENTS	COUNCIL 6	14,387	4,355	11,138
	TOTAL	160				56,251
161	HORNSBY	GALSTON RD AT GALSTON GORGE IMPROVEMENT OF CURVES	COUNCIL 6	183	55	141
	TOTAL	161				379
162	KU-RING-GAI	RAILWAY LINE AT MOVA VALE RD, PYMBLE S.R.A. OVERPASS BRIDGE	DEPT 6	2,095,520		
						2,095,520

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0071

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LT ^H S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
162	RYDE	LANE COVE RD FROM ALLENGROVE CRES TO GOULDING RD, NORTH RYDE HEAVY PATCHING & SHEETING OF NORTHBOUND CARRIAGEWAY	DEPT	6	171,976	52,056	133,134	357,166
162	RYDE	DEEBURGH'S BRIDGE TO LPPING RD, NORTH RYDE RECONSTRUCTION OF FAILED PAVEMENT	DEPT	6	238,649	72,237	184,748	495,634
162	WARRINGAH	FOREST WAY TO COOYONG ST, TERRY HILLS DIVIDED CARRIAGEWAYS	DEPT	6	472,155	142,918	365,514	980,587
	TOTAL	162						3,928,907
164	MANLY	SYDNEY RD TO CONDRAMINE ST, BALGOWLAH DEVIATION	DEPT	6	2,150,799	651,030	1,665,016	4,466,845
164	MANLY	PEDESTRIAN BRIDGE AT BALGOWLAH BOYS HIGH SCHOOL FABRICATION & ERECTION OF RAMPS	DEPT	6	29,449	8,914	22,797	61,160
164	MANLY	BRIDGE OVER BURNT CREEK, CONDRAMINE ST, BALGOWLAH WIDENING	DEPT	7	99,360	30,076	76,919	206,355
164	MANLY	BURNT BRIDGE CREEK AT MYRTLE ST & KITCHENER ST, BALGOWLAH TWO SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	7	99	30	77	206
164	NORTH SYDNEY	MEFLIN ST TO WYCOMBE RD, NEUTRAL BAY RECONSTRUCTION & WIDENING TO SIX LANES	DEPT	6	116	35	90	241
164	WARRINGAH	OLD BARRENJOEY RD TO EASTBOURNE AVE, AVALON RECONSTRUCTION & WIDENING	DEPT	6	74,634	22,591	57,777	155,002
	TOTAL	164						4,889,809
165	LEICHHARDT	THE CRESCENT & VICTORIA RD, ROZELLE LEFT TURN LANE	DEPT	6	293,636	88,882	227,315	609,833
	TOTAL	165						609,833
167	ASHFIELD	MARRICKVILLE RD TO OLD CANTERBURY RD, MARRICKVILLE REPLACEMENT OF BROKEN CONCRETE PAVEMENT SLABS	DEPT	6	45,324	13,719	35,087	94,130
167	ASHFIELD	CANTERBURY RD & PRINCESS ST, CANTERBURY IMPROVEMENT TO CURVE ALIGNMENT & DRAINAGE	DEPT	6	70,403	21,311	54,502	146,216
167	CANTERBURY	BONDS RD TO SALT PAN CREEK, RIVERWOOD PROVISION OF TURNING STORAGE BAYS	DEPT	6	14,049	4,252	10,876	29,177

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0072

ROAD	LOCAL SOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM ^W LTH S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
	MAIN ROADS (CONT'D)							
	TOTAL	167						269,523
168	HURSTVILLE	SCOTT ST TO HATTLE ST, MORIDALE						
	IMPROVEMENT OF CURVE		COUNCIL	6	306	93	237	636
168	ROCKDALE	FARRAR RD TO TOWERS WAY AT ESDAILE PLACE, ARNCLIFFE						
	IMPROVEMENT OF CURVE		COUNCIL	6	41,323	12,508	31,990	85,821
	TOTAL	168						86,457
170	BOTANY	BRIDGE OVER RAILWAY LINE NEAR BEAUCHAMP RD, BANKSMEADOW						
	APPROACHES		DEPT	6	18,466	5,589	14,295	38,350
	TOTAL	170						38,350
171	RANDWICK	GARDENERS RD TO MARJOURA RD, RANDWICK						
	WIDENING TO SIX LANES		DEPT	7	12,051	3,648	9,329	25,028
	TOTAL	171						25,028
173	WOLLAHRA	MCLEAN ST TO OCEAN ST, EDGECLIFF						
	WIDENING & ASSOCIATED WORK		DEPT	6	15,107	4,573	11,695	31,375
	TOTAL	173						31,375
177	CAMPBELLTOWN	MOORE/OXLEY BY-PASS, CAMPBELLTOWN						
	FIVE SPAN PRESTRESSED CONCRETE PEDESTRIAN OVERBRIDGE		DEPT	6	3,843	1,163	2,975	7,981
177	CAMPBELLTOWN	RABY RD, ST ANDREWS RD & BROOKS RD, CAMPBELLTOWN						
	PROVISION OF PASSING LANES		DEPT	7	141,251	42,756	109,348	293,355
177	CAMPBELLTOWN	54.2 KM TO 55.0 KM SOUTH OF SYDNEY						
	DEVIATION		DEPT	6	5,651	1,711	4,375	11,737
177	CAMPBELLTOWN	55.0 KM TO 56.8 KM SOUTH OF SYDNEY						
	RECONSTRUCTION & WIDENING		DEPT	6	612,521	185,406	474,177	1,272,104
177	CAMPBELLTOWN	CAMPBELLTOWN RAILWAY OVERBRIDGE 52 KM TO 53 KM SOUTH OF SYDNEY						
	DEVIATION		COUNCIL	6	1,116	338	864	2,318
177	CAMPBELLTOWN	CAMPBELLTOWN BY-PASS, BRADBURY AVE TO CHAMBERLAIN ST						
	WESTERN CARRIAGEWAY		COUNCIL	6	54,170	16,397	41,935	112,502

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0073

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)						
177	WOLLONDILLY	7.4 KM TO 8.35 KM EAST OF APPIN PASSING LANE	COUNCIL 6	5,617	1,700	4,348	11,665
177	WOLLONDILLY	BRIDGE OVER GEORGES RIVER 32.59 KM TO 32.91 KM WEST OF WOLLONGONG WIDENING OF APPROACHES	COUNCIL 6	-17,974	-5,440	-13,914	-37,328
177	WOLLONDILLY	6.0 KM EAST OF APPIN RECONSTRUCTION & IMPROVEMENT OF PAVEMENT	COUNCIL 6	18,459	5,587	14,290	38,336
177	WOLLONDILLY	22.4 KM TO 33.6 KM WEST OF WOLLONGONG TOWARDS CAMPBELLTOWN HEAVY PATCHING OF SELECTED AREAS	COUNCIL 6	17,834	5,398	13,806	37,038
177	WOLLONDILLY	APPIN TO WOLLONGONG CITY COUNCIL BOUNDARY REHABILITATION OF SELECTED AREAS	COUNCIL 6	127,841	38,697	98,967	265,505
177	WOLLONDILLY	12.45 KM TO 12.95 KM SOUTH OF CAMPBELLTOWN PROVISION OF PASSING LANES	COUNCIL 6	107,443	32,522	83,176	223,141
177	WOLLONGONG	LODDON RIVER BRIDGE 30.1 KM TO 36.1 KM SOUTH OF CAMPBELLTOWN CLIMBING LANE	DEPT 6	11,876	3,595	9,194	24,665
	TOTAL	177					2,263,019
178	CAMDEN	6.0 KM TO 7.2 KM NORTH OF CAMPBELLTOWN RECONSTRUCTION TO PROVIDE DIVIDED CARRIAGEWAY	COUNCIL 6	118,202	35,779	91,505	245,486
178	CAMDEN	3.0 KM TO 7.1 KM WEST OF CAMPBELLTOWN REHABILITATION OF PAVEMENT & SUBSOIL DRAINAGE	DEPT 6	90,068	27,263	69,725	187,056
	TOTAL	178					432,542
179	CAMPBELLTOWN	6.4 KM TO 9.0 KM SOUTH OF CAMPBELLTOWN RECONSTRUCTION & STRENGTHENING	COUNCIL 7	108,340	32,794	83,870	225,004
179	WOLLONDILLY	15.4 KM TO 21.2 KM SOUTH OF CAMPBELLTOWN RECONSTRUCTION & STRENGTHENING	COUNCIL 7		135,492		135,482
	TOTAL	179					360,486
181	GREATER CESSNOCK	9.25 KM TO 10.35 KM SOUTH OF WOLLONGONG RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	9,657	1,396	12,408	23,461
181	HAWKESBURY	3.85 KM TO 7.54 KM NORTH OF WEBBS CREEK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 7		22,078		22,078

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0074

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)							
131	HAWKESBURY	7.54 KM TO 9.70 KM NORTH OF WEBBS CREEK FERRY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	38,784	5,606	49,832	94,222
131	HAWKESBURY	PITT TOWN RD & OLD HAWKESBURY RD, MCGRATH'S HILL IMPROVEMENT OF INTERSECTION	DEPT	7	26,838	8,124	20,777	55,739
	TOTAL	131						195,500
184	BAULKHAM HILLS	WINDSOR RD & VICTORIA AVE, CASTLE HILL RIGHT TURN LANE	DEPT	6	4,424	1,339	3,424	9,187
184	BAULKHAM HILLS	WHITEHAVEN RD, NORTHMEAD TO SEVEN HILLS RD, BAULKHAM HILLS RECONSTRUCTION OF SIDE STRIPS	DEPT	6	127,808	56,848	145,390	390,046
184	BAULKHAM HILLS	9.27 KM TO 11.22 KM WEST OF PARRAMATTA WIDENING	DEPT	6	776,668	235,092	601,250	1,613,010
184	BLUE MOUNTAINS	44.17 KM TO 77.98 KM WEST OF WINDSOR HEAVY PATCHING	DEPT	6	76,263	23,084	59,039	158,386
184	BLUE MOUNTAINS	53.0 KM TO 53.4 KM WEST OF WINDSOR WIDENING & REALIGNMENT OF PAVEMENT	DEPT	6	167,222	50,617	129,453	347,292
184	BLUE MOUNTAINS	MAIN WESTERN RAILWAY LINE AT BELL WIDENING OF BRIDGE	DEPT	6	6,184	1,872	4,787	12,843
184	HAWKESBURY	16.7 KM TO 20.5 KM WEST OF WINDSOR WIDENING & CURVE IMPROVEMENT	DEPT	6	4,642	1,405	3,593	9,640
184	HAWKESBURY	BOURKE ST TO HAWKESBURY DISTRICT TENNIS CENTRE, RICHMOND GUTTER & SHOULDER SEALING	COUNCIL	6	48,159	14,577	37,282	100,018
184	HAWKESBURY	25.9 KM TO 26.2 KM WEST OF PARRAMATTA AT RIVERSTONE CHANNELISATION OF INTERSECTION	DEPT	6	102,197	30,934	79,115	212,246
184	HAWKESBURY	16.7 KM TO 20.5 KM WEST OF WINDSOR WIDENING & CURVE IMPROVEMENTS	DEPT	6	112,940	34,186	87,431	234,557
184	HAWKESBURY	BRIDGE OVER SOUTH CREEK, WINDSOR DEMOLITION	DEPT	6	131	40	101	272
184	HAWKESBURY	WEST MARKET ST TO BOSWELL ST RICHMOND DRAINAGE, KERB & GUTTERING & SIDE STRIP	COUNCIL	6	-10,020	-3,033	-7,757	-20,810
	TOTAL	184						3,066,687

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0075

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
185	WOLLONGONG	10.35 KM TO 10.5 KM SOUTH OF SH1 INSTALLATION OF SUBSOIL DRAINAGE	DEPT	6	3,296	998	2,552	6,846
185	WOLLONGONG	14.2 KM TO 15.1 KM SOUTH OF HELENSBURGH RECONSTRUCTION	DEPT	6	128,704	38,958	99,635	267,297
185	WOLLONGONG	RAILWAY OVERBRIDGE AT THIRROUL WIDENING OF APPROACHES	COUNCIL	6	10,834	3,279	8,387	22,500
185	WOLLONGONG	RAILWAY OVERBRIDGE 12.0 KM NORTH OF WOLLONGONG WIDENING	COUNCIL	6	2,708	820	2,097	5,625
	TOTAL	185						302,268
189	TENTERFIELD	1.6 KM TO 3.2 KM NORTH WEST OF LEGUME STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	3	24,142	3,490	31,019	58,651
189	TENTERFIELD	BRIDGE OVER ACACIA CREEK 0.5 KM TO 1.6 KM NORTH OF LEGUME APPROACHES	COUNCIL	3	114	16	146	276
	TOTAL	189						58,927
190	AUBURN	THE BOULEVARDE TO LEWIS ST, BERALA RECONSTRUCTION TO SIX LANE CARRIAGEWAY	COUNCIL	6	-2,005	-607	-1,552	-4,164
190	AUBURN	JOSEPH ST FROM GEORGES AVE TO OLYMPIC DR, LIDCOMBE RECONSTRUCTION & DRAINAGE	COUNCIL	6	34,780	10,528	26,925	72,233
190	AUBURN	KEPERS RD TO OLYMPIC DR, LIDCOMBE DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL	6	450,461	136,352	348,720	935,533
190	AUBURN	JOSEPH ST, BOUNDARY OF MINDA CHILDRENS COURT RETAINING WALL	COUNCIL	6	29,793	9,018	23,064	61,875
190	AUBURN	JOSEPH ST FROM THE BOULEVARDE TO LEWIS ST, BERALA RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENTS	COUNCIL	6	2,005	607	1,552	4,164
190	AUBURN	MAIN SOUTHERN RAILWAY LINE AT BRIDGE ST, LIDCOMBE OVERBRIDGE	DEPT	6	1,183,418			1,183,418
	TOTAL	190						2,253,059
191	WILLUGHBY	FULLERS RD & SH10, CHATSWOOD PROVISION OF ADDITIONAL LANE	COUNCIL	6	32,502	9,838	25,161	67,501

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0076

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
191	WILLOUGHBY	INTERSECTION WITH MILLWOOD AVE & FULLERS RD, CHATSWOOD						
		ADDITIONAL LANE - PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	10,735	3,249	8,310	22,294
TOTAL		191						89,795
192	GREATER TAREE	COMMERCE ST TO MULDOON ST, WEST TAREE						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	73,737	10,658	94,740	179,135
192	GREATER TAREE	0.8 KM TO 1.1 KM WEST OF SH10, TAREE						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	-42,106	-6,086	-54,100	-102,292
192	GREATER TAREE	COMMERCE ST FROM CORWALL ST TO DEB ST, TAREE						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	42,106	6,086	54,100	102,292
TOTAL		192						179,135
194	ROCKDALE	GENERAL HOLMES DRIVE & HENSON ST, BRIGHTON-LE-SANDS						
		SUPER ELEVATION LIFT TO CORRECT FLOODING	DEPT	6	135,238	40,936	104,694	280,868
TOTAL		194						280,868
195	GREATER CESSNOCK	6.0 KM TO 8.4 KM SOUTH OF KURRI KURRI						
		DEVIATION ALONG LEGGETTS LANE	COUNCIL	7		44,073		44,073
TOTAL		195						44,073
198	KEMPSEY	BELMORE RIVER GLADSTONE 13.05 KM NORTH OF KEMPSEY						
		FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	1	287,594			287,594
198	KEMPSEY	KINCHELA CREEK 21.55 KM NORTH OF KEMPSEY						
		FIVE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	3	808,452			808,452
198	KEMPSEY	GLADSTONE BRIDGE 20.75 KM TO 21.90 KM NORTH OF KEMPSEY						
		APPROACHES	COUNCIL	3	48,285	6,979	62,038	117,302
198	KEMPSEY	BRIDGE OVER KINCHELLA CREEK 21.85 KM NORTH OF KEMPSEY						
		APPROACHES	COUNCIL	3	222,722	32,192	286,163	541,077
TOTAL		198						1,754,425
200	CONCORD	HOSPITAL RD TO PATTERSON ST, CONCORD						
		STABILISATION OF SLABS & RESHEETING WITH ASPHALTIC CONCRETE	COUNCIL	6	94,797	28,695	73,386	196,878

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0077

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
200	CONCORD	HOSPITAL RD TO VICTORIA AVE, CONCORD RESTORATION OF PAVEMENT	COUNCIL	6	12	4	9	25
TOTAL	200							196,903
206	DUBBO	11.0 KM TO 13.0 KM EAST OF DUBBO RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	17,002	2,457	21,845	41,304
206	DUBBO	4.7 KM TO 6.3 KM EAST OF SH17 RECONSTRUCTION & REHABILITATION OF PAVEMENT	COUNCIL	2	57,808	8,355	74,274	140,437
TOTAL	206							181,741
209	MUSWELLBROOK	WYHONG CREEK 6.4 KM SOUTH OF SANDY HOLLOW THREE SPAN STEEL GIRDER & REINFORCED CONCRETE DECK BRIDGE	DEPT	2	410,589			410,589
209	MUSWELLBROOK	11.43 KM TO 12.55 KM WEST OF MUSWELLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	7,061	1,021	9,072	17,154
209	MUSWELLBROOK	12.1 KM TO 15.1 KM WEST OF MUSWELLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	15,934	2,303	20,473	38,710
209	MUSWELLBROOK	BRIDGE OVER WYBONG CREEK AT HOLLYDEEN APPROACHES	COUNCIL	2	79,670	11,515	102,363	193,548
209	MUSWELLBROOK	12.75 KM TO 14.2 KM WEST OF MUSWELLBROOK RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	118,925	17,189	152,801	288,915
TOTAL	209							948,916
211	HOLBROOK	MR211 & SH2 AT HOLBROOK IMPROVEMENT OF INTERSECTION	COUNCIL	3	644	93	828	1,565
211	WAGGA WAGGA	1.73 KM TO 3.65 KM SOUTH OF SH14 RECONSTRUCTION & CHANNELISATION OF INTERSECTION	COUNCIL	3	2,521	364	3,239	6,124
TOTAL	211							7,689
214	MERRIWA	19.77 KM TO 31.72 KM SOUTH OF CASSILIS GRAVELLING & BITUMINOUS SURFACING	COUNCIL	3	96,569	13,958	124,077	234,604
TOTAL	214							234,604

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0078

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM'WLTH S	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)						
215	RYLSTONE	GROVEE GULPH 20.0 KM TO 26.0 KM NORTH OF RYLSTONE					
	MINOR REALIGNMENT		COUNCIL 3	3,407	493	4,378	8,278
	TOTAL 215						8,278
217	LAKE MACQUARIE	RAILWAY OVERBRIDGE AT MORISSET					
	APPROACHES		COUNCIL 6		11,505		11,505
217	LAKE MACQUARIE	FIRST ST TO RIM ST, BOORAGUL					
	RECONSTRUCTION OF JUNCTION		COUNCIL 6		179,536		179,536
217	LAKE MACQUARIE	12.75 KM TO 17.37 KM NORTH OF WYONG					
	HEAVY PATCHING & BITUMINOUS SURFACING		COUNCIL 7		224,420		224,420
217	LAKE MACQUARIE	36.36 KM TO 39.83 KM NORTH OF WYONG					
	WIDENING & STRENGTHENING OF PAVEMENT		COUNCIL 6		350,096		350,096
217	LAKE MACQUARIE	24.66 KM TO 25.43 KM NORTH OF SH10 AT WYONG					
	REHABILITATION OF PAVEMENT		COUNCIL 6		113,332		113,332
217	LAKE MACQUARIE	28.25 KM TO 29.42 KM NORTH OF SH10 AT WYONG					
	REHABILITATION OF PAVEMENT		COUNCIL 6		297,329		297,329
217	LAKE MACQUARIE	36.36 KM TO 39.2 KM NORTH OF WYONG					
	SOUTHBOUND CLIMBING LANES		COUNCIL 6		24,686		24,686
	TOTAL 217						1,200,904
215	GREATER CESSNOCK	AVERYS LANE, GRETA 3.4 KM TO 4.0 KM NORTH OF KURRI KURRI					
	RECONSTRUCTION OF CURVE		COUNCIL 7		66,902		66,902
	TOTAL 215						66,902
220	GREATER CESSNOCK	CARRINGTON BRIDGE OVER WALLIS CREEK					
	APPROACHES		COUNCIL 7		821,378		821,378
220	GREATER CESSNOCK	ABERDARE ST, CESSNOCK 35.0 KM TO 38.0 KM NORTH OF TORONTO					
	RECONSTRUCTION		COUNCIL 7		100,989		100,989
220	GREATER CESSNOCK	WALLIS CREEK 16.55 KM SOUTH OF CESSNOCK - CARRINGTON BRIDGE					
	THREE SPAN PRESTRESSED CONCRETE BRIDGE		COUNCIL 7		213,199		213,199
220	GREATER CESSNOCK	CHURCH CREEK 20.3 KM EAST OF CESSNOCK					
	THREE SPAN PRESTRESSED CONCRETE BRIDGE		COUNCIL 7		269,304		269,304

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0079

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)							
220	SINGLETON	2.70 KM TO 3.30 KM FROM BRANXTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		5,794	837	7,445	14,076
	TOTAL 220							1,418,946
223	LAKE MACQUARIE	7.32 KM SOUTH OF BROADMEADOW OVERBRIDGE	DEPT 6			207,168		207,168
227	LAKE MACQUARIE	RAILWAY OVERBRIDGE AT CARDIFF APPROACHES	COUNCIL 6			145,873		145,873
	TOTAL 223							353,041
227	SUTHERLAND	SYLVANIA RD TO SH1, GYMEA RECONSTRUCTION & WIDENING TO SIX LANES	COUNCIL 6		671	203	519	1,393
227	SUTHERLAND	GYMEA BAY RD TO SYLVANIA RD, MIRANDA RECONSTRUCTION & WIDENING TO SIX LANES	COUNCIL 6		395,835	119,817	306,432	822,084
	TOTAL 227							823,477
233	WELLINGTON	BELL RIVER IN MAUGHAN ST, WELLINGTON FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		486,552			486,552
233	WELLINGTON	15.9 KM TO 21.4 KM SOUTH WEST OF WELLINGTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		10,160	1,469	13,054	24,683
233	WELLINGTON	BELL RIVER IN MAUGHAN ST, WELLINGTON APPROACHES	COUNCIL 3		72,427	10,469	93,058	175,954
233	WELLINGTON	21.4 KM TO 23.6 KM SOUTH WEST OF WELLINGTON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		24,494	3,540	31,471	59,505
	TOTAL 233							746,694
237	CADONNE	38.65 KM TO 40.66 KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		3,364	486	4,322	8,172
237	CADONNE	43.69 KM TO 45.9 KM WEST OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		28,971	4,187	37,223	70,381
237	WEDDIN	106.6 KM TO 107.4 KM FROM ORANGE TOWARDS GRENFELL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		29,184	4,218	37,497	70,899

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0080

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)							
237	WEDLIN	105.6 KM TO 106.6 KM NORTH OF ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		18,618	2,691	23,921	45,230
	TOTAL 237							194,682
238	PARKES	LEVEL CROSSING AT MUGINCABLE 7.6 KM SOUTH EAST OF PARKES APPROACHES	COUNCIL 3		28,028	4,051	36,012	68,091
238	PARKES	LEVEL CROSSING AT MUGINCABLE 7.6 KM SOUTH EAST OF PARKES RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		41,985	6,068	53,944	101,997
	TOTAL 238							170,088
241	BOOROWA	FISHERS CREEK 9.0 KM TO 10.0 KM WEST OF BOOROWA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		31,373	4,535	40,309	76,217
241	BOOROWA	11.5 KM TO 13.0 KM WEST OF BOOROWA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		6,290	909	8,081	15,280
	TOTAL 241							91,497
243	GUNDAGAI	28.5 KM TO 30.0 KM WEST OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		15,802	2,284	20,303	38,389
243	GUNDAGAI	27.0 KM TO 28.6 KM WEST OF GUNDAGAI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		21,564	3,117	27,706	52,387
243	JUNEE	1.2 KM TO 3.3 KM EAST OF JUNEE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		60,830	8,792	78,158	147,780
	TOTAL 243							238,556
245	BLAYNEY	MILLTHORPE RAILWAY LINE 11.1 KM NORTH OF BLAYNEY SINGLE SPAN REINFORCED CONCRETE BRIDGE	COUNCIL 3		12,236	1,769	15,721	29,726
245	BLAYNEY	BRIDGE OVER BLAYNEY - BOURKE RAILWAY 11.1 KM NORTH OF BLAYNEY SILLS & DECKING	COUNCIL 3		80,954	11,701	104,013	196,668
245	BLAYNEY	4.16 KM TO 5.1 KM WEST OF BLAYNEY STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL 3		10,667	1,542	13,706	25,915
245	BLAYNEY	RAILWAY OVERBRIDGE 11.1 KM NORTH OF BLAYNEY APPROACHES	COUNCIL 3		91,529	13,230	117,601	222,360

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0081

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)								
245	ORANGE	WARRENDINE ST TO FRANKLIN RD, ORANGE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		80,749		80,749
TOTAL	245							555,418
248	CROOKWELL	COORABUNGLE CREEK 15.4 KM WEST OF TARALGA REINFORCED CONCRETE BRIDGE	COUNCIL	3	38,030	5,497	48,863	92,390
TOTAL	248							92,390
253	EVANS	BRIDGE OVER FISH RIVER AT O'CONNELL APPROACHES	COUNCIL	3	147,464	21,314	189,468	358,246
253	OBERON	FISH RIVER 19.07 KM SOUTH OF BATHURST FOUR SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	3	205,549	29,710	264,099	499,358
253	OBERON	EIGHT MILE SWAMP CREEK 24.1 KM NORTH OF OBERON THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	3	165,110			165,110
253	OBERON	15.7 KM TO 17.7 KM WEST OF OBERON RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	55,579	8,033	71,410	135,022
253	OBERON	BRIDGE OVER SWAMP CREEK, O'CONNELL APPROACHES	COUNCIL	3	24,142	3,490	31,019	58,651
TOTAL	253							1,216,387
256	GOULBURN	UNION ST TO CHANTRY ST, GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	11,018	1,593	14,156	26,767
256	MULWARRIE	49.4 KM TO 51.6 KM NORTH OF GOULBURN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	16,900	2,443	21,713	41,056
TOTAL	256							67,823
259	WOLLONDILLY	THE OAKS RD TO STEVEYS FOREST RD, OAKDALE REHABILITATION OF SELECTED LENGTHS	DEPT	7		604,006		604,006
259	WOLLONDILLY	THE OAKS 11.9 KM TO 15.0 KM WEST OF CAMDEN DEVIATION INCLUDING APPROACHES TO WERRIBERRI CREEK BRIDGE	DEPT	7	1,920,540			1,920,540
259	WOLLONDILLY	WERRIBERRI CREEK 15.0 KM WEST OF CAMDEN SIX SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	3	50,751	7,335	65,207	123,293

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0082

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)							
259	WOLLONDILLY	6.0 KM TO 32.0 KM SOUTH OF CAMDEN						
	HEAVY PATCHING		DEPT	3	29,593	4,277	38,022	71,892
	TOTAL	259						2,719,731
260	WINGECARRIBEE	7.9 KM TO 8.8 KM SOUTH OF MITTAGONG						
	RECONSTRUCTION & WIDENING		COUNCIL	3	19,314	2,792	24,815	46,921
	TOTAL	260						46,921
261	SHOALHAVEN	MYRTLE CREEK 22.0 KM WEST OF NOWRA						
	PRE-CAST CONCRETE BOX CULVERT		DEPT	3	4,394	635	5,646	10,675
261	WINGECARRIBEE	10.63 KM TO 11.20 KM EAST OF SH25						
	RECONSTRUCTION & REALIGNMENT		COUNCIL	3	17,916	2,590	23,019	43,525
261	WINGECARRIBEE	BRIDGE OVER YARRUNGA CREEK 37.4 KM TO 37.5 KM WEST OF NOWRA						
	APPROACHES		COUNCIL	3	9,657	1,396	12,408	23,461
261	WINGECARRIBEE	YARRUNGA CREEK 35.0 KM WEST OF NOWRA						
	SINGLE SPAN PRESTRESSED CONCRETE BRIDGE		DEPT	3	159,104			159,104
	TOTAL	261						236,765
264	KIAMA	15.9 KM TO 17.20 KM WEST OF SH1						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	7		-9,538		-9,538
264	KIAMA	9.5 KM TO 10.0 KM EAST OF WINGECARRIBEE						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	7		71,253		71,253
	TOTAL	264						61,715
265	WINGECARRIBEE	CALWALLA LEVEL CROSSING 1.3 KM FROM SH25						
	INSTALLATION OF FLASHING LIGHTS & WARNING BELLS		COUNCIL	3	13,476	1,948	17,315	32,739
	TOTAL	265						32,739
268	MULWAREE	42.31 KM TO 44.31 KM SOUTH OF SOULBURN						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	31,385	4,536	40,325	76,246
268	MULWAREE	7.0 KM TO 15.0 KM SOUTH OF TARAGO						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	42,008	6,072	53,973	102,053

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0083

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	YARROWLUMLA	25.89 KM TO 26.43 KM EAST OF QUEANBEYAN AT BUNGENDOPE						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		18,051	2,609	23,192	43,852
	TOTAL	268						222,151
270	TALLAGANDA	BRIDGE OVER SHOALHAVEN RIVER 23.0 KM SOUTH OF BRAIDWOOD						
	APPROACHES		COUNCIL 4			40,820		40,820
	TOTAL	270						40,820
271	TALLAGANDA	25.0 KM TO 26.6 KM SOUTH OF BRAIDWOOD						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 4		38,943	5,629	50,035	94,607
271	TALLAGANDA	UNNAMED CREEK 25.7 KM SOUTH OF BRAIDWOOD						
		FOUR CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL 3		3,573	516	4,591	8,680
	TOTAL	271						103,287
272	BEGA VALLEY	BRIDGE OVER BERMAGUI RIVER, BERMAGUI						
	APPROACHES		COUNCIL 3		5,643	816	7,250	13,709
272	BEGA VALLEY	ANABRANCH BRIDGE 1.1 KM EAST OF BEGA						
	APPROACHES		COUNCIL 3		14,220	2,055	18,270	34,545
272	BEGA VALLEY	BEGA RIVER AT ANABRANCH 1.07 KM EAST OF BEGA						
		FIVE SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL 3		91,220	13,185	117,204	221,609
272	BEGA VALLEY	BERMAGUI RIVER, BERMAGUI						
		SEVEN SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL 3		2,999	434	3,854	7,287
	TOTAL	272						277,150
278	YASS	31.8 KM TO 37.0 KM SOUTH OF YASS						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		24,625	3,559	31,640	59,824
	TOTAL	278						59,824
279	GUNDAGAI	BRIDGE OVER MORLEY'S CREEK 0.5 KM SOUTH OF GUNDAGAI						
		SUPPLY & DELIVERY OF BRIDGE PLANKS.	DEPT 3		47,327			47,327
279	GUNDAGAI	BRIDGE OVER MORLEY'S CREEK 0.5 KM SOUTH OF GUNDAGAI						
		PRESTRESSED CONCRETE BRIDGE	DEPT 3		202,951			202,951

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 \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
279	GUNDAGAI APPROACHES	BRIDGE OVER MONLEY'S CREEK AT MURRUMBIDGEE FLOOD PLAIN	COUNCIL 3		38,628	5,583	49,631	93,842
	TOTAL 279							344,120
280	TUMUT	6.45 KM TO 7.1 KM NORTH OF ADELONG RECONSTRUCTION INCLUDING NEW CULVERT AT HASSETT'S BRIDGE	COUNCIL 3		28,498	4,118	36,603	69,209
	TOTAL 280							69,209
282	HOLBROOK	62.4 KM TO 70.2 KM EAST OF SH2 PAVEMENT GRAVEL RESHEETING & VISIBILITY BENCHING AT 70.0 KM	COUNCIL 3		20,762	3,001	26,677	50,440
	TOTAL 282							50,440
284	HOLBROOK	28.2 KM TO 31.0 KM EAST OF SH2 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		222,110	32,103	285,377	539,590
234	HOLBROOK	8.0 KM TO 10.0 KM EAST OF SH2 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-5,787	-836	-7,435	-14,058
284	HOLBROOK	10.0 KM TO 15.1 KM EAST OF SH2 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-2,027	-293	-2,605	-4,925
284	HOLBROOK	31.0 KM TO 32.74 KM EAST OF SH2 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-976	-141	-1,255	-2,372
284	TUMBARUMBA	4.55 KM TO 6.79 KM WEST OF TR85 TOWARDS ROSEWOOD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		8,984	1,298	11,542	21,824
284	TUMBARUMBA	6.79 KM TO 9.2 KM WEST OF TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		3,261	471	4,190	7,922
284	TUMBARUMBA	9.2 KM TO 11.1 KM WEST OF TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		-1,433	-207	-1,841	-3,481
284	TUMBARUMBA	10.2 KM TO 12.5 KM WEST OF TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		2,576	372	3,309	6,257
284	TUMBARUMBA	12.6 KM TO 14.9 KM WEST OF TUMBARUMBA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3		107,090	15,479	137,594	260,163
	TOTAL 284							810,920

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0085

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)							
286	SNOWY RIVER CLIMBING LAVES	54.17 KM TO 58.87 KM WEST OF COOMA	COUNCIL	3	77,256	11,166	99,261	187,683
	TOTAL	286						187,683
289	GREAT LAKES PRESTRESSED CONCRETE BRIDGE	KARUAH RIVER 21.92 KM NORTH OF DUNGOG	DEPT	3	5,844	845	7,509	14,198
289	GREAT LAKES APPROACHES	WASHPOOL BRIDGE OVER KARUAH RIVER	COUNCIL	3	71,274	10,302	91,576	173,152
	TOTAL	289						187,350
295	WOLLONGONG HEAVY PATCHING	VARIOUS SELECTED LENGTHS	COUNCIL	6		12,343		12,343
295	WOLLONGONG	0.3 KM EAST OF SH1 AT UNANDERRA PROVISION OF TURNING BAYS TO ELIMINATE LEVEL CROSSING	COUNCIL	6		16,832		16,832
295	WOLLONGONG APPROACHES - PUBLIC UTILITIES ADJUSTMENT	BRIDGE OVER RAILWAY LINE AT FLINDERS ST, PORT KEMBLA	COUNCIL	7		45,934		45,934
295	WOLLONGONG APPROACHES	RAILWAY OVERBRIDGE AT FLINDERS ST, PORT KEMBLA	COUNCIL	7		12,998		12,998
	TOTAL	295						88,107
301	DUNGOG	32.2 KM TO 33.8 KM SOUTH OF BOLWARRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	44,862	6,424	57,641	108,987
301	PORT STEPHENS	HEYDENS CREEK 14.32 KM NORTH OF MAITLAND REPLACEMENT OF TIMBER CULVERT	COUNCIL	7		67,326		67,326
	TOTAL	301						176,313
309	PARRAMATTA PIERS 1,1A,2,3 & ABUTMENT A	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A'BECKETTS CREEK	DEPT	6	143,170			143,170
309	PARRAMATTA SUPPLY & DELIVERY OF GIRDERS	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A'BECKETTS CREEK	DEPT	6	131,026			131,026
309	PARRAMATTA MANUFACTURE OF STEEL TROUGH GIRDERS	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A'BECKETTS CREEK	DEPT	6	495,790			495,790

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0086

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM W LTH S	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
309	PARRAMATTA ADJUTMENT B	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A ¹ BECKETTS CREEK	DEPT	6	37,036			37,036
309	PARRAMATTA PIERS 6, 7 AND 8	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A ¹ BECKETTS CREEK	DEPT	6	37,617			37,617
309	PARRAMATTA PIERS 4 & 5	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A ¹ BECKETTS CREEK	DEPT	6	156,474			156,474
309	PARRAMATTA MANUFACTURE OF DECK SLABS	BRIDGE OVER CARLINGFORD RAILWAY LINE AT A ¹ BECKETTS CREEK	DEPT	6	55,080			55,080
309	PARRAMATTA NORTHERN APPROACH	BRIDGE OVER RAILWAY LINE & A ¹ BECKETTS CREEK, GRANVILLE	DEPT	6	689,606	208,739	533,852	1,432,197
309	PARRAMATTA RECONSTRUCTION OF LOCAL COUNCIL ROADS	KAY ST, HAMILTON ST, WENTWORTH ST & UNWIN ST, GRANVILLE	DEPT	8		-121,050		-121,050
309	PARRAMATTA APPROACHES	BRIDGE OVER RAILWAY LINE & A ¹ BECKETTS CREEK, GRANVILLE	DEPT	6	207,797	62,899	160,864	431,560
309	PARRAMATTA TEMPORARY APPROACHES	BRIDGE OVER A ¹ BECKETTS CREEK, UNWIN ST, GRANVILLE	DEPT	6	821,032	248,521	635,594	1,705,147
309	PARRAMATTA TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DUCK CREEK ON JAMES RUSE DR, ROSEHILL	DEPT	6	274,677	83,143	212,639	570,459
309	PARRAMATTA MANUFACTURE OF BEARINGS	BRIDGE OVER CARLINGFORD RAILWAY LINE & A ¹ BECKETTS CREEK	DEPT	6	172	52	133	357
309	PARRAMATTA PILE FOUNDATIONS	BRIDGE OVER CARLINGFORD RAILWAY LINE & A ¹ BECKETTS CREEK	DEPT	6	-3,224	-976	-2,496	-6,696
309	PARRAMATTA ERECTION OF GIRDERS, CAST DECK & HANDRAILS	BRIDGE OVER CARLINGFORD RAILWAY LINE & A ¹ BECKETTS CK, ROSEHILL	DEPT	6	605,328	183,229	468,609	1,257,166
309	PARRAMATTA SOUTHERN APPROACH	BRIDGE OVER RAILWAY LINE & A ¹ BECKETTS CREEK, GRANVILLE	DEPT	6	803,151	243,109	621,751	1,668,011
	TOTAL 309							7,993,344
310	CABOYVE APPROACH	HELUBULA RIVER FLOOD CHANNEL 0.73 KM SOUTH OF CANGWINDRA	COUNCIL	2	6,068	877	7,797	14,742
310	COWRA RECONSTRUCTION	MACASSAR ST TO MULYAN ST, COWRA	COUNCIL	2	3,245	469	4,170	7,884

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0087

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
310	COWRA	0.05 KM TO 0.31 KM FROM SH6 RELOCATION & RECONSTRUCTION	COUNCIL	3	72,427	10,469	93,058	175,954
TOTAL	310							198,580
312	SHOALHAVEN	UNNAMED CREEK 19.6 KM SOUTH OF NOWRA PRESTRESSED CONCRTE BRIDGE	COUNCIL	3	13,114	1,896	16,850	31,860
312	SHOALHAVEN	16.0 KM TO 20.0 KM SOUTH OF NOWRA RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL	3	25,004	3,614	32,127	60,745
312	SHOALHAVEN	0 KM TO 1.0 KM EAST OF SH1 RECONSTRUCTION & STRENGTHENING EXISTING ALIGNMENT	COUNCIL	3	26,557	3,838	34,121	64,516
TOTAL	312							157,121
315	CANTERBURY	PERSIC ST TO YERRICK RD, LAKEMBA WIDENING TO SIX LANES	DEPT	6	42,110	12,746	32,599	87,455
315	CANTERBURY	PUNCHBOWL RD TO ROBERTS RD, GREENACRE DIVIDED SIX LANE CARRIAGEWAY	DEPT	6	319,316	96,655	247,195	663,166
315	CANTERBURY	HILTON AVE TO BROADARROW RD, BEVERLY HILLS DIVIDED SIX LANE CARRIAGEWAYS	DEPT	6	370,938	112,281	287,156	770,377
315	CANTERBURY	KING GEORGES RD & CANTERBURY RD, WILEY PARK CHANNELISATION OF INTERSECTION	DEPT	6	14,920	4,516	11,550	30,986
315	CANTERBURY	PUNCHBOWL RD TO LAKEMBA ST, LAKEMBA RECONSTRUCTION & WIDENING TO SIX LANES	DEPT	6	16	5	12	33
315	KOGARAH	TAVISTOCK RD TO PRINCES HIGHWAY, BLAKEHURST PROVISION OF SIX LANES	DEPT	6	919,108	278,208	711,519	1,908,835
315	ROCKDALE	WANGEE RD TO HILLIARD ST, LAKEMBA DUAL THREE LANE CARRIAGEWAY	DEPT	6	640,928	194,005	496,168	1,331,101
TOTAL	315							4,791,953
316	NEWCASTLE	COWPER ST TO ELIZABETH ST 3.0 KM SOUTH OF MAYFIELD RECONSTRUCTION OF PAVEMENT	COUNCIL	6		476,660		476,660
316	NEWCASTLE	THORSLEY CREEK, HANNEL ST, WICKHAM FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	6	540,614			540,614

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0028

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL COM WLT \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)							
TOTAL	316						1,017,274
319	WAKOOL	BRIDGE OVER WAKOOL RIVER & FLOOD PLAIN 15.1 KM NORTH OF BARHAM	COUNCIL 3	4,828	698	6,204	11,730
	APPROACHES						
319	WINDOURAN	32.0 KM TO 35.0 KM NORTH OF MOULAMEIN	COUNCIL 3	30,477	4,405	39,159	74,041
	RECONSTRUCTION & BITUMINOUS SURFACING						
319	WINDOURAN	32.35 KM TO 34.0 KM NORTH OF MOULAMEIN	COUNCIL 3	12,979	1,876	16,676	31,531
	RECONSTRUCTION & BITUMINOUS SURFACING						
TOTAL	319						117,302
320	BESA VALLEY	11.0 KM TO 13.0 KM EAST OF COBARGO	COUNCIL 3	41,978	6,067	53,935	101,980
	RECONSTRUCTION & BITUMINOUS SURFACING						
TOTAL	320						101,980
321	GRIFFITH	8.94 KM TO 11.29 KM SOUTH OF GRIFFITH	COUNCIL 3	27,181	3,929	34,924	66,034
	RECONSTRUCTION & REALIGNMENT						
321	JERILDERIE	44.55 KM TO 50.95 KM NORTH OF JERILDERIE	COUNCIL 3	4,779	691	6,140	11,610
	DEVIATION - STAGE 2 - SECTION 2						
321	JERILDERIE	22.2 KM NORTH OF SH17	COUNCIL 3	-966	-140	-1,241	-2,347
	DEVIATION - STAGE 2 - SECTION 1						
321	JERILDERIE	29.8 KM TO 35.2 KM NORTH OF SH17	COUNCIL 3	102,364	14,795	131,521	248,680
	DEVIATION - SECTION 2 - STAGE 2						
321	MURRUMBIDGEE	91.0 KM TO 93.2 KM NORTH OF SH17	COUNCIL 3	19,797	2,861	25,436	48,094
	RECONSTRUCTION & BITUMINOUS SURFACING						
321	MURRUMBIDGEE	101.9 KM TO 103.3 KM FROM JERILDERIE	COUNCIL 3	38,145	5,513	49,010	92,668
	RECONSTRUCTION & BITUMINOUS SURFACING						
321	MURRUMBIDGEE	BRIDGE OVER MURRUMBIDGEE RIVER, DARLINGTON POINT	DEPT 3	4	1	6	11
	DEMOLITION						
TOTAL	321						464,750
324	COONABARABRAN	30.0 KM TO 36.0 KM NORTH OF BARADINE	COUNCIL 3	14,485	2,094	18,612	35,191
	ROAD FORMATION & DRAINAGE IMPROVEMENTS						

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0089

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)							
	TOTAL	329						35,191
332	HORNSBY	SH10 TO KING ST, BEROWRA IMPROVEMENTS TO DRAINAGE	COUNCIL 7		2,674	809	2,070	5,553
	TOTAL	330						5,553
333	WARREN	17.6 KM TO 156.0 KM NORTH OF WARREN LOAM RESHEETING OF SHOULDERS & EDGE REPAIRS	COUNCIL 3		-62,770	-9,073	-80,650	-152,493
333	WARREN	45.3 KM TO 50.0 KM NORTH OF WARREN RECONSTRUCTION & WIDENING	COUNCIL 3		80,635	11,655	103,604	195,894
333	WARREN	21.9 KM TO 29.5 KM NORTH OF WARREN WIDENING & STRENGTHENING OF PAVEMENT & ASSOCIATED WORKS	COUNCIL 3		59,390	8,584	76,307	144,281
333	WARREN	MARRA CREEK 43.5 KM NORTH OF WARREN REINFORCED CONCRETE BRIDGE	COUNCIL 3		-2,232	-323	-2,867	-5,422
	TOTAL	333						182,260
335	WYONG	F3 TO SH10, TUGGERAH DIVIDED CARRIAGEWAYS	COUNCIL 7			1,234,310		1,234,310
335	WYONG	MAIN NORTHERN RAILWAY LINE .03 KM WEST OF TUGGERAH THREE SPAN STEEL GIRDER BRIDGE	DEPT 7			278		278
	TOTAL	335						1,234,588
336	GOSFORD	1.09 KM TO 2.2 KM EAST OF SH10 RECONSTRUCTION & WIDENING	COUNCIL 3		14,485	2,094	18,612	35,191
336	GOSFORD	PUNT BRIDGE 2.6 KM EAST OF SH10 APPROACHES	COUNCIL 3		87,338	12,628	112,252	212,218
336	GOSFORD	AVOCA DR & THE ENTRANCE RD 3.90 KM TO 4.27 KM EAST OF GOSFORD RECONSTRUCTION OF INTERSECTION	COUNCIL 3		62,287	9,003	80,030	151,320
336	GOSFORD	MASONS PDE BETWEEN DANE DR & YORK ST RECONSTRUCTION TO FOUR LANES	COUNCIL 7			44,669		44,669
	TOTAL	336						443,398

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0090

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM ^W WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)						
339	WAVIRLEY	VICTORIA RD TO CURLEWIS ST, BOYDI IMPROVEMENT OF PAVEMENT, DRAINAGE & CURVES	COUNCIL 6	48,725	14,749	37,720	101,194
TOTAL	339						101,194
341	MURRAY	0 KM TO 3.9 KM WEST OF MOAMA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	14,485	2,094	18,612	35,191
341	MURRAY	BRIDGE OVER THULE CREEK 30.0 KM WEST OF MOAMA EASTERN APPROACH	COUNCIL 3	24,278	3,509	31,193	58,980
341	MURRAY	1.05 KM TO 3.69 KM WEST OF MOAMA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	23,094	3,338	29,673	56,105
341	MURRAY	THULE CREEK 30.0 KM WEST OF MOAMA REINFORCED CONCRETE BRIDGE	COUNCIL 3	1,442	208	1,853	3,503
341	WAKOOL	BRIDGE OVER THULE CREEK 30.0 KM WEST OF MOAMA WESTERN APPROACH	COUNCIL 3	712	103	915	1,730
TOTAL	341						155,509
343	NARRABRI	PIAH CREEK 13.2 KM WEST OF WEE WAA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL 3	167,651			167,651
343	NARRABRI	PIAH CREEK NO 2 39.83 KM WEST OF WEE WAA FOUR SPAN PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL 3	62,869			62,869
343	NARRABRI	19.3 KM TO 38.5 KM WEST OF WEE WAA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	1,152,604			1,152,604
343	NARRABRI	16.5 KM TO 19.3 KM WEST OF WEE WAA STAGE 2 - RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	52,391			52,391
343	WALGETT	4.2 KM TO 6.1 KM EAST OF BURREN JUNCTION RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	144,854	20,937	186,115	351,906
TOTAL	343						1,787,421
344	WOTANY	WENTWORTH AVE TO GENERAL HOLMES DR PROVISION OF CONNECTION	DEPT 6	13,058	3,953	10,109	27,120
TOTAL	344						27,120

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0091

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
349	GOSFORD	WOY WOY BAY 9.8 KM SOUTH OF GOSFORD THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	540,513			540,513
349	GOSFORD	BRIDGE OVER WOY WOY BAY AT WOY WOY APPROACHES	COUNCIL	7		336,631		336,631
TOTAL		349						877,244
358	MURRURUNDI	BULLPADDOCK CREEK 27.93 KM WEST OF WILLOW TREE REINFORCED CONCRETE BOX CULVERT	COUNCIL	3	14,294	2,066	18,366	34,726
358	MURRURUNDI	17.7 KM TO 18.8 KM FROM WILLOW TREE TOWARDS MERRIWA STRENGTHENING & WIDENING OF PAVEMENT	COUNCIL	3	2,181	315	2,802	5,298
TOTAL		358						40,024
366	KU-RING-GAI	SH10 TO VAMBUCCA ST, TURRAMURRA RECONSTRUCTION & WIDENING	COUNCIL	7	30,962	9,372	23,969	64,303
TOTAL		366						64,303
367	MOREE PLAINS	63.9 KM TO 64.9 KM NORTH OF MOREE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	36,696	5,304	47,149	89,149
TOTAL		367						89,149
371	BLAND	15.42 KM TO 23.63 KM NORTH OF RANKIN SPRINGS RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	78,628	5,583	49,631	93,842
371	LACHLAN	51.3 KM TO 53.1 KM NORTH OF RANKIN SPRINGS RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	48,262	6,976	62,009	117,247
TOTAL		371						211,089
372	WINGECARRIBEE	5.4 KM TO 7.4 KM WEST OF MOSS VALE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	5,446	787	6,998	13,231
TOTAL		372						13,231
373	HORNSBY	CARLINGFORD RD & BEECROFT RD, EPPING RECONSTRUCTION OF INTERSECTION	DEPT	6	310	94	240	644

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0092

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
373	HORNSBY	CARLINGFORD RD FROM PENNANT PDE TO RYDE ST, EPPING	DEPT	6	106,829	32,337	82,701	221,867
		RECONSTRUCTION OF KERBSIDE LANE						
373	RYDE	BRIDGE OVER LANE COVE RIVER ON EPPING RD, LANE COVE	DEPT	6	24	7	19	50
		APPROACHES						
373	WILLOUGHBY	BRIDGE OVER LANE COVE RIVER AT EPPING RD	DEPT	6	28,573			28,573
		DUPLICATION						
	TOTAL	373						251,134
377	CABONNE	LONG GULLY 17.7 KM WEST OF CUDAL	COUNCIL	3	13,163	1,903	16,913	31,979
		SINGLE SPAN PRESTRESSED CONCRETE BRIDGE						
377	CABONNE	53.1 KM TO 57.7 KM WEST OF ORANGE	COUNCIL	3	11,582	1,674	14,882	28,138
		RECONSTRUCTION & BITUMINOUS SURFACING						
377	FORBES	32.4 KM WEST OF FORBES	COUNCIL	3	15,056	2,176	19,345	36,577
		RAISING OF ROAD LEVEL						
377	FORBES	3.0 KM TO 9.0 KM EAST OF FORBES	COUNCIL	3	51,440	7,435	66,092	124,967
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	377						221,661
382	SEVERN	30.2 KM TO 34.0 KM WEST OF GLEN INNES	COUNCIL	3	-1,553	-224	-1,995	-3,772
		STRENGTHENING & BITUMINOUS SURFACING OF PAVEMENT						
	TOTAL	382						-3,772
386	WAKOOL	26.74 KM TO 31.59 KM WEST OF MR319	COUNCIL	3	27,090	3,916	34,806	65,812
		RECONSTRUCTION & BITUMINOUS SURFACING						
	TOTAL	386						65,812
387	COOLAMON	5.4 KM TO 8.4 KM WEST OF ARDLETHAN	COUNCIL	3	48,295	6,979	62,038	117,302
		RECONSTRUCTION & BITUMINOUS SURFACING						
387	NARRANDERA	11.4 KM TO 12.9 KM WEST OF ARDLETHAN	COUNCIL	3	55,252	7,986	70,990	134,228
		WIDENING & STRENGTHENING OF PAVEMENT						
387	TEMORA	35.0 KM TO 40.0 KM WEST OF TEMORA	COUNCIL	3	-4,425	-640	-5,685	-10,750
		RECONSTRUCTION & BITUMINOUS SURFACING						

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0093

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
	TOTAL	387						240,780
390	BLAYNEY	KINGS PLAIN CREEK 2.16 KM SOUTH OF BLAYNEY - BREWERY BRIDGE						
		FOUR SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	33,799	4,885	43,427	82,111
390	BLAYNEY	BREWERY BRIDGE 3.0 KM SOUTH OF BLAYNEY						
		APPROACHES	COUNCIL	3	99,195	14,338	127,451	240,984
	TOTAL	390						323,095
393	SUTHERLAND	FLAT ROCK CREEK 9.97 KM SOUTH OF LOFTUS						
		TWO SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT	7	37,111	11,233	28,729	77,073
	TOTAL	393						77,073
394	BOMBALA	1.60 KM TO 2.76 KM WEST OF SH17						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	8,884	1,284	11,415	21,583
394	SNOWY RIVER	BOMBUNDARA CREEK 29.0 KM EAST OF BERRIDALE						
		SIX SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	48,285	6,979	62,038	117,302
	TOTAL	394						138,885
397	HARRINGAH	WAKEHURST PARKWAY & DREADNOUGHT ST, OXFORD FALLS						
		IMPROVEMENT OF INTERSECTION	DEPT	6	7,371	2,231	5,706	15,308
	TOTAL	397						15,308
404	BOURKE	WARREGO RIVER BY-WASH 55.0 KM NORTH OF BOURKE						
		SIDETRACK	COUNCIL	3	24,142	3,490	31,019	58,651
404	BOURKE	WARREGO RIVER 67.7 KM WEST OF BOURKE						
		REDECKING SIX SPAN STEEL GIRDER & REINFORCED CONCRETE BRIDGE	DEPT	3	1,102	159	1,416	2,677
404	BOURKE	WARREGO RIVER 66.0 KM WEST OF BOURKE						
		REDECKING THREE SPAN GIRDER & REINFORCED CONCRETE BRIDGE	DEPT	3	41,886	6,054	53,818	101,758
	TOTAL	404						163,086
411	COBAR	6.5 KM TO 9.1 KM NORTH WEST OF EUABALONG						
		RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	33,799	4,885	43,427	82,111

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0094

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM WLT S	SOURCE OF STATE S	FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
411	COGAR	BOOBEROI CREEK 8.47 KM WEST OF EUABALONG PRESTRESSED CONCRETE PLANK BRIDGE	COUNCIL	3	18,348	2,652	23,575	44,575
TOTAL		411						126,686
418	CARRATHOOL	MERROWIL CREEK 19.28 KM NORTH OF HILLSTON SIX SPAN REINFORCED CONCRETE STEEL DECK BRIDGE	COUNCIL	4		-7,775		-7,775
TOTAL		418						-7,775
421	BOURKE	TR68 & M3421 3.1 KM TO 4.5 KM SOUTH OF BOURKE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	12,071	1,745	15,510	29,326
TOTAL		421						29,326
503	HAWKESBURY	71.0 KM TO 71.4 KM NORTH OF WINDSOR REINFORCED CONCRETE BOX CULVERT & APPROACHES	DEPT	7		1,037,428		1,037,428
503	HAWKESBURY	VARIOUS LOCATIONS 49.5 KM 54.0 KM NORTH OF WINDSOR STRENGTHENING OF PAVEMENT & ISOLATED HEAVY PATCHING	DEPT	7		340,380		340,380
503	HAWKESBURY	56.8 KM TO 59.1 KM NORTH OF WINDSOR REHABILITATION OF FAILED PAVEMENT	DEPT	7		265,923		265,923
503	HAWKESBURY	33.4 KM TO 35.1 KM NORTH OF WINDSOR WIDENING OF FORMATION TO PROVIDE CLIMBING LANE	DEPT	2	254,107	36,728	326,489	617,324
503	HAWKESBURY	26.0 KM TO 31.7 KM NORTH OF WINDSOR STRENGTHENING OF PAVEMENT	DEPT	2	342,211	49,463	439,689	831,363
503	HAWKESBURY	18.3 KM TO 19.6 KM NORTH OF WINDSOR RECONSTRUCTION & WIDENING	DEPT	7		56,497		56,497
503	HAWKESBURY	VARIOUS LOCATIONS 37.0 KM TO 54.0 KM NORTH OF WINDSOR WIDENING OF CUTTINGS & FORMATION	DEPT	7		3,740		3,740
503	HAWKESBURY	54.0 KM TO 76.0 KM NORTH OF WINDSOR STRENGTHENING OF EXISTING PAVEMENT	DEPT	7		174		174
503	HAWKESBURY	50.0 KM TO 55.0 KM NORTH OF WINDSOR REHABILITATION OF PAVEMENT & PROVISION OF SLOW VEHICLE LANE	DEPT	7		125		125
503	SINGLETON	TERRYS CREEK BRIDGE 36.24 KM TO 36.42 KM SOUTH OF SINGLETON APPROACHES	DEPT	2	44,551	6,439	57,241	108,231

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0095

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	MAASRA RD CL	COM ^W LTH CL	SOURCE STATE \$	OF FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
503	SINGLETON	TERRY'S CREEK 26.3 KM SOUTH OF SINGLETON PRESTRESSED CONCRETE BOX CULVERT	DEPT	2	38,185	5,519	49,062	92,766
503	SINGLETON	PARSONS CREEK 26.3 KM SOUTH OF SINGLETON DEMOLITION OF OLD BRIDGE	COUNCIL	2	65	9	83	157
503	SINGLETON	BRIDGE OVER PARSONS CREEK 26.3 KM SOUTH OF SINGLETON APPROACHES	COUNCIL	2	4,000	578	5,139	9,717
503	SINGLETON	BRIDGE OVER RAILWAY LINE AT JOHN ST, SINGLETON APPROACHES	COUNCIL	2	126,043	18,218	161,946	306,207
503	SINGLETON	PARSONS CREEK 26.3 KM SOUTH OF SINGLETON GUARDRAIL ON APPROACHES	COUNCIL	2	8,804	1,272	11,311	21,387
503	SINGLETON	BRIDGE OVER RAILWAY LINE AT JOHN ST, SINGLETON APPROACHES	COUNCIL	2	350	51	450	851
503	SINGLETON	BULGA CREEK 27.14 KM SOUTH OF SINGLETON DEMOLITION OF OLD BRIDGE	DEPT	2	198	29	254	481
503	SINGLETON	DARKEY CREEK 41.3 KM SOUTH OF SINGLETON DEMOLITION OF OLD BRIDGE	DEPT	2	198	29	254	481
503	SINGLETON	MAIN NORTHERN RAILWAY LINE AT JOHN ST, SINGLETON THREE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	2	11	2	14	27
503	SINGLETON	BRIDGE OVER BULGA CREEK 27.6 KM TO 28.9 KM SOUTH OF SINGLETON APPROACHES	DEPT	2	27,511	3,976	35,347	66,834
503	SINGLETON	BRIDGE OVER DARKEY CREEK SOUTH 40.29 KM SOUTH OF SINGLETON APPROACHES	DEPT	2	1,300	188	1,670	3,158
503	SINGLETON	77.0 KM TO 78.0 KM SOUTH OF SINGLETON NEAR BOGGY SWAMP STRENGTHENING & WIDENING OF PAVEMENT	DEPT	2	2,164	313	2,780	5,257
503	SINGLETON	25.2 KM TO 93.2 KM SOUTH OF SINGLETON REHABILITATION OF VARIOUS SECTIONS	DEPT	2	5,169	747	6,641	12,557
503	SINGLETON	25.2 KM TO 93.2 KM SOUTH OF SINGLETON ERECTION OF GUARDRAIL	DEPT	2	102,984	14,885	132,318	250,187
503	SINGLETON	25.2 KM TO 93.2 KM SOUTH OF SINGLETON REHABILITATION OF VARIOUS SECTIONS	DEPT	2	202,045	29,203	259,596	490,844
503	SINGLETON	28.9 KM TO 33.9 KM SOUTH OF SINGLETON REHABILITATION - SHOULDER IMPROVEMENT & RESEAL	DEPT	2	64,204	9,280	82,492	155,976

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0096

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
MAIN ROADS (CONT'D)								
503	SINGLETON	75.4 KM TO 75.7 KM SOUTH OF SINGLETON REHABILITATION - CROSS FALL IMPROVEMENT	DEPT	2	128,825	18,620	165,520	312,965
503	SINGLETON	26.0 KM TO 27.0 KM SOUTH OF SINGLETON REHABILITATION - SHOULDER & DRAINAGE IMPROVEMENTS	DEPT	2	51,278	7,412	65,885	124,575
TOTAL		503						5,115,612
507	MOREE PLAINS	90.14 KM TO 93.25 KM NORTH EAST OF MUNGINDI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	35,731	5,164	45,908	86,803
507	MOREE PLAINS	66.8 KM TO 70.6 KM WEST OF GOONDIWINDI RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	6,251	904	8,032	15,187
TOTAL		507						101,990
508	BANKSTOWN	HENRY LAWSON DR & PICNIC POINT RD, PICNIC POINT RECONSTRUCTION & CHANNELISATION	DEPT	7	29,548	8,944	22,874	61,366
508	BANKSTOWN	BRIDGE OVER SALT PAN CREEK AT PADSTOW - WESTERN APPROACHES	SECTION DEPT	6	54	16	42	112
508	BANKSTOWN	BRIDGE OVER SALT PAN CREEK AT PADSTOW DUPLICATION TEN SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	6	521,411			521,411
508	HURSTVILLE	JOHNSTON ST TO SIMONE PLACE, PEAKHURST RECONSTRUCTION & WIDENING TO SIX LANES	COUNCIL	6	311,477	94,282	241,127	646,886
508	HURSTVILLE	HENRY LAWSON DR FROM SIMONE PLACE TO SALT PAN CREEK, PEAKHURST PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	183,284	55,479	141,888	380,651
508	HURSTVILLE	EASTERN APPROACH BRIDGE OVER SALT PAN CREEK, PADSTOW WIDENING	DEPT	6	4,967	1,503	3,845	10,315
508	HURSTVILLE	WALDO CRES TO SALT PAN CREEK, MILPERRA WIDENING TO SIX LANES	COUNCIL	6	49,295	14,921	38,161	102,377
TOTAL		508						1,723,118
509	WYONG	TUGGERAH LAKE AT WALLARAH POINT EIGHT SPAN PRESTRESSED CONCRETE TROUGH GIRDER BRIDGE	DEPT	7	649,735			649,735
509	WYONG	INTERCHANGE OF F3 TO SH10 AT WARNERVALE UPGRADING OF CONNECTING LINK	COUNCIL	4		222,467		222,467

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0097

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)							
509	WYONG	BRIDGE OVER TUGGERAH LAKES AT WALLARAH POINT						
	APPROACHES		COUNCIL	4		306,147		306,147
509	WYONG	BRIDGE OVER TUGGERAH LAKE AT WALLARAH POINT, TUGKLEY						
	PRESTRESSED CONCRETE BRIDGE	PUBLIC UTILITY ADJUSTMENTS	DEPT	7	55,768			55,768
	TOTAL	509						1,234,117
512	LIVERPOOL	HEATHCOTE RD, LIVERPOOL						
	HEAVY PATCHING & ASPHALTIC CONCRETE OVERLAY		DEPT	6	175,639	53,165	135,969	364,773
512	LIVERPOOL	COPELAND ST TO MACQUARIE ST, LIVERPOOL						
	HEAVY PATCHING & ASPHALTIC CONCRETE OVERLAY		DEPT	6	25,701	7,779	19,896	53,376
	TOTAL	512						418,149
513	HOLLINGONG	67.1 KM TO 69.6 KM SOUTH OF SYDNEY AT DELLAMBI CREEK						
	DEVIATION		DEPT	6		990,060		990,060
	TOTAL	513						990,060
514	HAY	73.0 KM TO 77.0 KM WEST OF HAY						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	7,513	1,086	9,653	18,252
514	HAY	77.3 KM TO 81.3 KM WEST OF HAY						
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL	3	6,972	1,008	8,958	16,938
	TOTAL	514						35,190
515	BLACKTOWN	0.0 KM TO 1.0 KM FROM SH5 AT EASTERN CREEK						
	RECONSTRUCTION		DEPT	6	1,049	318	812	2,179
515	BLACKTOWN	0.3 KM TO 0.5 KM WEST OF SH5 AT HORSLEY PARK						
	PROVISION OF RIGHT TURN LANE		DEPT	6	15,287	4,627	11,834	31,748
515	FAIRFIELD	HORSLEY DR & WALLGROVE RD, HORSLEY PARK						
	ROUNDAABOUT		DEPT	6	206,009			206,009
515	FAIRFIELD	WALLGROVE RD & THE HORSLEY DR, HORSLEY PARK						
	ROUNDAABOUT		DEPT	6	8,860	2,682	6,859	18,401
515	FAIRFIELD	HORSLEY DR & WALLGROVE RD, HORSLEY PARK						
	ROUNDAABOUT - PUBLIC UTILITY ADJUSTMENT		DEPT	6	124	37	96	257

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0098

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)							
515	FAIRFIELD	MAXWELLS AVE TO RESERVOIR RD, MT PRITCHARD RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	6	42,006	12,715	32,519	87,240
	TOTAL	515						345,834
516	GREATER LITHGOW	BURNS LAKE TO BRIDGE ST, LITHGOW RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	57,013	8,241	73,252	138,506
	TOTAL	516						138,506
517	PORT STEPHENS	0.5 KM TO 2.8 KM EAST OF SH10 RECONSTRUCTION	COUNCIL	7		157,094		157,094
	TOTAL	517						157,094
524	BYRON	0.6 KM TO 1.1 KM EAST OF SH10 RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL	3	10,101	1,460	12,978	24,539
	TOTAL	524						24,539
527	LAKE MACQUARIE APPROACHES	BRIDGE OVER SOUTH CREEK, WARNERS BAY	COUNCIL	6		201,978		201,978
	TOTAL	527						201,978
529	WARRINGAH	ADAMS ST TO WEARDEY RD, FRENCHS FOREST RECONSTRUCTION & WIDENING	COUNCIL	6	3,495	1,055	2,698	7,238
529	WARRINGAH	WARRINGAH RD & FOREST WAY, FRENCHS FOREST IMPROVEMENTS TO INTERSECTION	COUNCIL	6	26,672	26,235	67,096	180,003
529	WARRINGAH	ADAMS ST TO WEARDEY RD, FRENCHS FOREST WIDENING TO SIX LANES	COUNCIL	6	-1,619	-490	-1,253	-3,362
529	WARRINGAH	ADAMS ST TO WEARDEY RD, FRENCHS FOREST BITUMINOUS SURFACING & PROVISION OF MEDIAN	COUNCIL	6	24,652	7,462	19,084	51,198
	TOTAL	529						235,077
530	WARRINGAH	HOWARD AVE, DEE WHY REINFORCED CONCRETE BOX CULVERT	COUNCIL	7	8,200	2,482	6,348	17,030

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0099

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)							
530	WARRINGAH	PITT ST, NORTH CURL CURL TO THE STRAND, DEE WHY IMPROVEMENT OF INTERSECTION	COUNCIL	7	54,170	16,397	41,935	112,502
	TOTAL	530						129,532
532	AUBURN	SILVERWATER RD FROM CLYDE TO ESERTON ST, SILVERWATER PROVISION OF RIGHT TURNBAYS & CLOSURE OF MEDIANS	DEPT	6	5,306	1,606	4,107	11,019
	TOTAL	532						11,019
533	NAMBUCCA	23.01 KM TO 23.23 KM EAST OF SH10 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	4		112,254		112,254
	TOTAL	533						112,254
535	LIVERPOOL	ELIZABETH DR FROM WESTERN RD TO MARTIN RD, LIVERPOOL RECONSTRUCTION OF TWO LANES	COUNCIL	6	54,170	16,397	41,935	112,502
	TOTAL	535						112,502
537	BLACKTOWN	SPENCER ST TO PLUMPTON RD, PLUMPTON EXPERIMENT IN COORDINATION WITH A.R.R.B.	DEPT	6	29,766	9,010	23,043	61,819
537	BLACKTOWN	BRIDGE OVER SOUTH CREEK 47.5 KM TO 50.3 KM WEST OF SYDNEY APPROACHES	DEPT	6	55,276	16,732	42,792	114,800
537	HAWKESBURY	BRIDGE OVER RICKABYS CREEK 54.14 KM NORTH OF SYDNEY APPROACHES	DEPT	6	-17,839	-5,400	-13,810	-37,049
	TOTAL	537						139,570
541	TWEED	11.2 KM TO 12.0 KM NORTH OF MURWILLUMBAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	-28,971	-4,187	-37,223	-70,381
	TOTAL	541						-70,381
543	LOCKHART	BRIDGE OVER BURKES CREEK, THE ROCKS APPROACHES	COUNCIL	3	-3,959	-572	-5,087	-9,618
543	WAGGA WAGGA	1.0 KM TO 3.5 KM NORTH OF COLLINGULLIE APPROACHES	COUNCIL	3	3,959	572	5,087	9,618

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0100

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)							
TOTAL	543							0
544	LISMORE	RAILWAY LEVEL CROSSING AT TUNCESTER INSTALLATION OF TYPE "F" FLASHING LIGHTS & WARNING BELLS	DEPT	3	10,794	1,560	13,869	26,223
544	RICHMOND RIVER	BENTLY CROSSING 11.3 KM WEST OF LISMORE INSTALLATION OF F TYPE FLASHING LIGHTS	COUNCIL	3	-19	-3	-25	-47
TOTAL	544							26,176
545	BALLINA	MISSINGHAM BRIDGE OVER NORTH CREEK AT EAST BALLINA APPROACHES	COUNCIL	4		259,204		259,204
545	BALLINA	NORTH CREEK 2.1 KM EAST OF BALLINA NINE SPAN PRESTRESSED CONCRETE BRIDGE	DEPT	3	11,337	1,639	14,566	27,542
TOTAL	545							286,746
546	BLACKTOWN	MR154, BELL ST TO DRUMMOND ST, WINDSOR RECONSTRUCTION OF SHOULDER	DEPT	7	46,400	14,045	35,920	96,365
546	BLACKTOWN	CARLTON RD TO MCCULLOCH ST, RIVERSTONE RECONSTRUCTION OF PAVEMENT & PROVISIONS OF DRAINAGE	DEPT	7	93,958	28,441	72,737	195,136
TOTAL	546							291,501
547	HUME	VARIOUS LOCATIONS WITHIN COUNCIL AREA ADJUSTMENT OF PROPERTIES WHERE RESUMPTION GAZETTED	COUNCIL	4		51,024		51,024
TOTAL	547							51,024
550	BERRIGAN	63.0 KM TO 65.3 KM FROM COROWA TOWARD TOCUMWAL RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	21,728	3,141	27,917	52,786
TOTAL	550							52,786
551	CONARGO	9.9 KM TO 11.0 KM NORTH OF DENILIQUIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	40,230	5,815	51,690	97,735
552	CONARGO	11.0 KM TO 13.7 KM NORTH OF DENILIQUIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	7,243	1,047	9,306	17,596

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0101

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM'WLTH	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$	
MAIN ROADS (CONT'D)							
552	DENILIQUIN	3.02 KM TO 4.4 KM NORTH OF DENILIQUIN RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	26,738	3,865	34,354	64,957
TOTAL 552						180,288	
560	EUROBODALLA	BEACH RD & ORIENT ST, BATEMANS BAY RECONSTRUCTION OF INTERSECTION	COUNCIL 4		5,180		5,180
560	EUROBODALLA	1.9 KM TO 3.5 KM FROM ORIENT ST, BATEMANS BAY RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5		238,794		238,794
TOTAL 560						243,974	
570	BLUE MOUNTAINS	SILVA RD TO DAVESTA RD, SPRINGWOOD WIDENING	COUNCIL 7	25,543	7,732	19,774	53,049
570	BLUE MOUNTAINS	LEE RD, PATTERSON RD & LINKSVIEW AVE, SPRINGWOOD IMPROVEMENT OF INTERSECTION	COUNCIL 7	11,956	3,619	9,256	24,831
570	BLUE MOUNTAINS	HAWKESBURY RD, SPRINGWOOD BUS BAYS	COUNCIL 7	5,511	1,668	4,266	11,445
570	BLUE MOUNTAINS	HALLIYON RD & SUNNY RIDGE RD 22.65 KM WEST OF PENPITH RECONSTRUCTION OF INTERSECTION	COUNCIL 7	102,960	31,165	79,705	213,830
TOTAL 570						303,155	
571	KIAMA	CROOKED RIVER, GERROA 15.2 KM SOUTH OF KIAMA 13 SPAN PRESTRESSED CONCRETE PLANK BRIDGE	DEPT 7		9,685		9,685
571	KIAMA	GERROA BRIDGE 4.8 KM SOUTH OF SH1 AT OMEGA DEMOLITION	COUNCIL 7		27,491		27,491
TOTAL 571						37,176	
572	GILGANDRA	39.7 KM TO 42.7 KM NORTH EAST OF NARROMINE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	11,407	1,649	14,656	27,712
572	NARROMINE	24.1 KM TO 23.6 KM NORTH EAST OF NARROMINE RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 3	38,628	5,583	49,631	93,842
TOTAL 572						121,554	

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0102

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	HAASRA RD CL	COM WLT S	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS (CONT'D)							
573	ORANGE	UNNAMED CREEK 6.16 KM NORTH OF ORANGE RECONSTRUCTION OF CULVERT & APPROACHES	COUNCIL	3	2,680	387	3,443	6,510
	TOTAL 573							6,510
574	PARRAMATTA	VICTORIA RD TO PEMBERTON ST, PARRAMATTA WIDENING	COUNCIL	7	585	177	453	1,215
574	PARRAMATTA	RAILWAY OVERBRIDGE AT DUNDAS, CLYDE TO CARLINGFORD RAILWAY APPROACHES	DEPT	7	678	205	525	1,408
574	PARRAMATTA	STATION RD, DUNDAS TO BETTINGTON RD, RYDALMERE WIDENING TO FOUR LANES	DEPT	7	589,894	178,557	456,661	1,225,112
574	PARRAMATTA	SPURWAY ST TO KIRBY ST, DUNDAS RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	7	483,993	146,501	374,678	1,005,172
574	PARRAMATTA	KIRBY ST TO LEAMINGTON RD, DUNDAS RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	7	44,839	13,572	34,712	93,123
574	PARRAMATTA	BRIDGE OVER VINEYARD CREEK, DUNDAS WIDENING	DEPT	7	705	213	546	1,464
574	PARRAMATTA	KISSING POINT RD, DUNDAS RAILWAY UNDERPASS	DEPT	7	1,421	430	1,100	2,951
	TOTAL 574							2,330,445
575	HASTINGS	BAINS BRIDGE 4.9 KM NORTH OF WAUCHOPE REPLACEMENT OF DECK	DEPT	3	88,533	12,796	113,752	215,081
575	HASTINGS	BRIDGE OVER MORTONS CREEK 4.3 KM NORTH OF WAUCHOPE APPROACHES	COUNCIL	3	44,422	6,421	57,075	107,918
575	HASTINGS	MORTONS CREEK 4.3 KM NORTH OF WAUCHOPE THREE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	3	24,142	3,490	31,019	58,651
	TOTAL 575							381,650
576	BOOROWA	25.9 KM TO 33.85 KM SOUTH OF COWRA RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	9,657	1,396	12,408	23,461
	TOTAL 576							23,461

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0103

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM WLTN \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
577	BROKEN HILL	RAILWAY LEVEL CROSSING AT 1123.3 KM ON ORANGE- INSTALLATION OF TYPE 'F' FLASHING LIGHTS & WARNING BELLS	BROKEN HILL COUNCIL	4		91,844		91,844
TOTAL		577						91,844
581	WOLLONGONG	MF568 & MF581, WOLLONGONG ADJUSTMENTS TO CHANNELISATION	COUNCIL	6		57,659		57,659
581	WOLLONGONG	1.84 KM TO 2.04 KM SOUTH OF WOLLONGONG RECONSTRUCTION	COUNCIL	6		3,134		3,134
581	WOLLONGONG	SWAN CREEK TO KIERA ST 1.2 KM TO 2.0 KM SOUTH OF WOLLONGONG SECOND CARRIAGEWAY	COUNCIL	6		4,073		4,073
TOTAL		581						64,866
593	SYDNEY	PROSPECT ST TO DACEY AVE, SURRY HILLS ASPHALT CONCRETE RESHEETING	COUNCIL	6	492,674	149,127	381,405	1,023,206
TOTAL		593						1,023,206
596	URANA	0.7 KM TO 4.38 KM WEST OF SH17 AT MORUNDAH RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	3	22,485	3,250	28,889	54,624
TOTAL		596						54,624
599	NORTH SYDNEY	PINE ST TO VALE ST, CAMMERAY WIDENING TO PROVIDE FOUR LANES	COUNCIL	6	37,919	11,478	29,355	78,752
TOTAL		599						78,752
604	NEWCASTLE	0.0 KM TO 0.1 KM EAST OF BROADMEADOW RECONSTRUCTION & CROSSFALL CORRECTION	COUNCIL	6		50,036		50,036
TOTAL		604						50,036
607	MAITLAND	0.0 KM TO 2.1 KM WEST OF SH9 RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	7		54,632		54,632
TOTAL		607						54,632

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 \$
	MAIN ROADS (CONT'D)						
611	SHELLHARBOUR	1.7 KM TO 3.1 KM FROM WARILLA RECONSTRUCTION - PUBLIC UTILITY ADJUSTMENT	COUNCIL	6	11,540		11,540
611	SHELLHARBOUR	1.7 KM TO 3.1 KM WEST OF WARILLA RECONSTRUCTION & WIDENING	COUNCIL	6	246,862		246,862
611	SHELLHARBOUR	MR611 AT SHELLHARBOUR PEDESTRIAN OVERBRIDGE	DEPT	7	1,215		1,215
611	SHELLHARBOUR	3.1 KM TO 4.1 KM WEST OF WARILLA DEVIATION	COUNCIL	6	56,105		56,105
	TOTAL	611					315,722
612	HOLLONDILLY	LONG GULLY 5.99 KM TO 8.27 KM WEST OF PICTON DEVIATION	COUNCIL	7	-12,148		-12,148
	TOTAL	612					-12,148
613	HOLLONGONG	0.43 KM TO 1.59 KM WEST OF WARRAWONG DIVIDED CARRIAGEWAYS	COUNCIL	7	3,582		3,582
613	HOLLONGONG	1.4 KM TO 3.6 KM EAST OF F5 DIVIDED TWO LANE CARRIAGEWAYS	COUNCIL	6	204,223		204,223
	TOTAL	613					207,805
620	CAMDEN	CAMDEN BY-PASS BETWEEN MACARTHUR BRIDGE & DROITT'S REHABILITATION	COUNCIL	7	224,420		224,420
620	CAMDEN	MACARTHUR BRIDGE, 48.0 KM TO 52.3 KM SOUTH OF SYDNEY REHABILITATION OF PAVEMENT & SUBSOIL DRAINAGE ON APPROACHES	DEPT	6	1,083,253	838,590	2,249,737
620	CAMDEN	48.0 KM TO 52.8 KM SOUTH OF SYDNEY REHABILITATION OF PAVEMENT & PROVISION OF SUBSOIL DRAINAGE	DEPT	6	380	294	789
	TOTAL	620					2,474,946
622	TENTERFIELD	7.9 KM & 9.8 KM NORTH OF TENTERFIELD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL	2	23,660	30,399	57,479
	TOTAL	622					57,479

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0105

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	MAIN ROADS	(CONT'D)					
TOTAL		MAIN ROADS		39,651,111	18,525,131	24,782,549	82,958,791

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0106

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM ^W LTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS							
2002	ROTARY	RAILWAY LINE AT O'RIORDAN ST, MASCOT TWO SPAN PRESTRESSED CONCRETE GIRDER OVERBRIDGE	DEPT	6	107,020	32,394	82,848	222,262
2002	ROTARY	O'RIORDAN ST, HIGH ST TO JOYCE DR, MASCOT WIDENING TO SIX LANES	DEPT	6	526,351	159,323	407,470	1,093,144
2002	SYDNEY	O'RIORDAN ST & GARDENERS RD, MASCOT PROVISION OF RIGHT TURN BAYS	DEPT	6	24,142	7,308	18,689	50,139
TOTAL 2002								1,365,545
2014	ROCKDALE	FOREST RD TO SH1, ROCKDALE PUBLIC UTILITY ADJUSTMENTS	COUNCIL	6	-42,643	-12,908	-33,012	-88,563
TOTAL 2014								-88,563
2024	RYDE	BLAXLAND RD TO EPPING RD, RYDE RECONSTRUCTION & WIDENING	COUNCIL	7	105,631	31,974	81,773	219,378
2024	RYDE	BLAXLAND RD TO EPPING RD RYDE RECONSTRUCTION TO FOUR LANES	COUNCIL	7	13,542	4,099	10,484	28,125
TOTAL 2024								247,503
2034	SUTHERLAND	0 KM TO 3.65 KM WEST OF LINDEN ST, SUTHERLAND RECONSTRUCTION & WIDENING	COUNCIL	6	6,813	2,062	5,275	14,150
2034	SUTHERLAND	RIVER RD, EAST OF WORONORA RIVER IMPROVEMENT OF HAIR PIN & WIDENING IN GORGE	COUNCIL	6	65,004	19,676	50,322	135,002
2034	SUTHERLAND	BRIDGE OVER WORONORA RIVER, WORONORA APPROACHES	COUNCIL	6	23,252	7,038	18,000	48,290
2034	SUTHERLAND	BRIDGE OVER WORONORA RIVER, WORONORA RIVER RETAINING WALLS	COUNCIL	6	8,830	2,673	6,835	18,338
TOTAL 2034								215,780
2035	HORNSBY	PENNANT HILLS RD TO LEE RD, PENNANT HILLS RECONSTRUCTION OF SIDE STRIPS	COUNCIL	7	-2,850	-865	-2,211	-5,932
2035	HORNSBY	PENNANT HILLS RD TO HULL RD, PENNANT HILLS RECONSTRUCTION OF SIDE STRIPS	COUNCIL	7	-2,375	-719	-1,839	-4,933

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0107

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)							
TOTAL	2035							-10,865
2041	HURSTVILLE	CROYDON RD TO FOREST RD, GEXLEY HEAVY PATCHING AT SELECTED LOCATIONS	COUNCIL 6		17,732	5,367	13,727	36,826
2041	HURSTVILLE	STONEY CREEK RD AT QUEENSBURY RD, PENSHURST IMPROVEMENT OF CURVE	COUNCIL 6		2,131	645	1,650	4,426
2041	HURSTVILLE	AUSTIN AVE TO MOUNTVIEW AVE, MARWEE HEAVY PATCHING OF PAVEMENT	COUNCIL 6		161	49	124	334
2041	HURSTVILLE	STONEY CREEK RD FROM CROYDON RD TO FOREST RD, HURSTVILLE HEAVY PATCHING AT SELECTED LOCATIONS	COUNCIL 6		40,627	12,298	31,451	84,376
TOTAL	2041							125,962
2043	KU-RING-GAI	MONA VALE RD TO HORACE ST, ST IVES WIDENING TO FOUR LANES	COUNCIL 6		157,713	47,739	122,092	327,544
TOTAL	2043							327,544
2049	PARRAMATTA	EXTENSION OF SP2049 FROM HARRIS ST TO HASSALL ST, HARRIS PARK BRIDGE OVER MWS & DR CHANNEL	COUNCIL 7		46,526	14,101	36,064	96,751
2049	PARRAMATTA	WIGRAM ST TO HARRIS ST, HARRIS PARK RECONSTRUCTION TO FOUR LANE CARRIAGEWAY	COUNCIL 7		7,047	2,133	5,456	14,636
2049	PARRAMATTA	HARRIS ST TO HASSALL ST, HARRIS PARK FOUR LANE CARRIAGEWAY	COUNCIL 7		30,838	9,335	23,873	64,046
TOTAL	2049							175,433
2052	RYDE	BRIDGE OVER BUFFALO CREEK AT PITTWATER RD, BORONIA PARK APPROACHES	COUNCIL 6		35,912	10,870	27,801	74,583
2052	RYDE	BUFFALO CREEK AT PITTWATER RD, BORONIA PARK REINFORCED CONCRETE BOX CULVERT	COUNCIL 6		23,142	7,005	17,915	48,062
TOTAL	2052							122,645
2056	ASHFIELD	LIVERPOOL RD TO FREDERICK ST, CROYDON DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL 7		41,635	12,603	32,232	86,470

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0108

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COM'WLTH S	SOURCE OF STATE S	OF FUNDS LOANS S	TOTAL S
	OTHER ROADS (CONT'D)							
TOTAL	2055							86,470
2057	STRAITHFIELD	ARTHUR ST & MACKENZIE ST, WEST HOMEBUSH RECONSTRUCTION OF INTERSECTION	COUNCIL 7		4,735	1,433	3,666	9,834
TOTAL	2057							9,834
2058	RYDE	WICKS RD, TWIN RD & GOULDING RD, NORTH RYDE SURVEY & DESIGN	COUNCIL 6		-1,945	-589	-1,505	-4,039
2058	RYDE	0 KM TO 1.3 KM SOUTH OF MR373 RECONSTRUCTION & WIDENING TO FOUR LANES	COUNCIL 6		11,215	3,395	8,682	23,292
2059	RYDE	FISHER AVE TO MACLEAY ST, RYDE RECONSTRUCTION TO FOUR LANE CARRIAGEWAY	COUNCIL 6		11,775	3,564	9,115	24,454
TOTAL	2058							43,707
2060	CANTERBURY	BRIDGE OVER RAILWAY LINE AT PUNCHBOWL STATION, PUNCHBOWL PEDESTRIAN RAMP DEPT 6			38,196	11,559	29,561	79,306
2060	CANTERBURY	BRIDGE OVER RAILWAY LINE AT PUNCHBOWL STATION, PUNCHBOWL APPROACHES DEPT 6			30,328	9,180	23,478	62,986
TOTAL	2060							142,292
2061	BANKSTOWN	DAVIES RD PADSTON STORMWATER DRAINAGE CONSTRUCTION	COUNCIL 5		4,675	1,397	3,573	9,585
TOTAL	2061							9,585
2065	PARRAMATTA	ALBERT ST TO CHURCH ST, PARRAMATTA RECONSTRUCTION & STRENGTHENING OF PAVEMENT	COUNCIL 5			412		412
TOTAL	2065							412
2068	BANKSTOWN	THE RIVER RD, REVESBY EXTENSION OF RAILWAY BRIDGE	COUNCIL 6		94,256	28,531	72,967	195,754
TOTAL	2068							195,754

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0109

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NASRA RD CL	COM'WLTH \$	SOURCE OF STATE \$	OF FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)							
2071	FAIRFIELD	ST JOHNS RD, CABRAMATTA TO AVONLEA ST, CANLEY HEIGHTS	DEPT	6	669,064	202,521	517,949	1,389,534
		RECONSTRUCTION TO FOUR LANES						
2071	FAIRFIELD	O'BRIEN PDE TO LINKS AVE, CABRAMATTA WEST	DEPT	6	121,268	36,707	93,878	251,853
		RECONSTRUCTION TO FOUR LANES & APPROACHES TO NEW BRIDGE						
2071	FAIRFIELD	HAMILTON RD TO POLDING ST, SMITHFIELD	DEPT	6	16,002	4,844	12,388	33,234
		RECONSTRUCTION TO FOUR LANES						
2071	HOLROYD	STURT ST TO WOODPARK RD, GUILDFORD	COUNCIL	6	8,408	2,545	6,509	17,462
		DEVIATION						
2071	HOLROYD	SYDNEY WATER SUPPLY CANAL TO REIN RD, SOUTH WENTWORTHVILLE	COUNCIL	6	729,548			729,548
		DEVIATION						
2071	HOLROYD	KENYONS BRIDGE TO LONG ST, SMITHFIELD	COUNCIL	6	365,647	110,679	283,062	759,388
		RECONSTRUCTION & WIDENING TO FOUR LANES						
2071	HOLROYD	LONG ST TO STURT ST, SMITHFIELD	COUNCIL	6	40,627	12,298	31,451	84,376
		RECONSTRUCTION & WIDENING TO FOUR LANES						
2071	HOLROYD	WOODPARK RD TO MERRYLANDS RD, MERRYLANDS WEST	COUNCIL	7	1,633			1,633
		RECONSTRUCTION						
2071	HOLROYD	KENYON'S BRIDGE OVER PROSPECT CREEK, SMITHFIELD	DEPT	6	21,303	6,448	16,491	44,242
		RELOCATION OF WATERMAIN & DEMOLITION OF OLD BRIDGE APPROACHES						
2071	HOLROYD	BETTS RD FROM STURT ST TO WOODPARK RD, WOODPARK	COUNCIL	6	13,391	4,053	10,366	27,810
		PUBLIC UTILITY ADJUSTMENTS						
2071	LIVERPOOL	ORANGE GROVE RD BETWEEN SH2 & CABRAMATTA CREEK, CABRAMATTA	COUNCIL	6	27,085	8,198	20,968	56,251
		PROVISION OF DRAINAGE						
2071	LIVERPOOL	SH2 TO CABRAMATTA CREEK, CABRAMATTA	COUNCIL	6	12,244			12,244
		RECONSTRUCTION & WIDENING - PUBLIC UTILITY ADJUSTMENTS						
TOTAL 2071								3,407,575
2075	SUTHERLAND	INTERSECTION OF PRESIDENT AVE & KIORA RD MIRANDA	COUNCIL	6	6,517	1,973	5,045	13,535
		CHANNELISATION & RECONSTRUCTION						
TOTAL 2075								13,535
2072	ROCKDALE	OAKDALE AVE TO O'NEIL ST, BRIGHTON-LE-SANDS	COUNCIL	7	27,208	8,236	21,063	56,507
		RECONSTRUCTION TO SIX LANES						

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0110

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL COM ^W WLTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$
	OTHER ROADS (CONT'D)						
	TOTAL	2079					56,507
2081	RYDE	BRIDGE OVER NORTHERN RAILWAY LINE, EASTWOOD					
	APPROACHES		COUNCIL 7	629	191	427	1,307
	TOTAL	2081					1,307
2084	BLACKTOWN	VARDYS RD TO OLD WINDSOR RD, SEVEN HILLS					
	RECONSTRUCTION TO FOUR LANES		COUNCIL 6	-6,971	-2,110	-5,396	-14,477
2084	BLACKTOWN	ABBOTT RD, SEVEN HILLS					
	RECONSTRUCTION OF INTERSECTION		COUNCIL 6	138	42	107	287
2084	BLACKTOWN	SEVEN HILLS RD & WALL PARK AVE, SEVEN HILLS					
	PUBLIC UTILITY ADJUSTMENTS		COUNCIL 6	2,770	839	2,144	5,753
2084	BLACKTOWN	SEVEN HILLS RAILWAY STATION					
	RAILWAY OVERBRIDGE		COUNCIL 6	615	126	476	1,277
2084	BLACKTOWN	BLACKTOWN CREEK ON BLACKTOWN ROAD					
	FIVE CELL LINK SLAB CULVERT		COUNCIL 6	115,322	34,925	89,322	239,629
	TOTAL	2084					232,469
2085	BLACKTOWN	EASTERN CREEK, BLACKTOWN					
	SIDETRACK		COUNCIL 6	14	4	11	29
2085	BLACKTOWN	EASTERN CREEK, BLACKTOWN					
	PRESTRESSED CONCRETE BRIDGE		COUNCIL 6	-629	-190	-487	-1,306
2085	BLACKTOWN	LYTON ST TO BREAKFAST RD, BLACKTOWN					
	RECONSTRUCTION & WIDENING		COUNCIL 6	15,972	4,836	12,369	33,183
2085	BLACKTOWN	RICHMOND RD FROM CURRAN RD TO BREAKFAST RD, BLACKTOWN					
	RECONSTRUCTION & BITUMINOUS SURFACING		COUNCIL 6	23,853	7,220	18,466	49,539
2085	BLACKTOWN	LOCK ST TO BLACKTOWN RD, BLACKTOWN					
	BUNGARRIBEE RD EXTENSION		COUNCIL 6	135,425	40,992	104,838	281,255
2085	BLACKTOWN	KENT ST TO WILLIAM ST, BLACKTOWN					
	HEAVY PATCHING OF PAVEMENT		COUNCIL 6	20	6	16	42
2085	BLACKTOWN	BREAKFAST RD TO FALMOUTH RD, DOONSIDE					
	RECONSTRUCTION & WIDENING TO FOUR LANES		COUNCIL 6	135,425	40,992	104,838	281,255

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0111

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)							
2085	BLACKTOWN	INTERSECTION OF RICHMOND RD, KVOX RD & STATION RD, DOONSIDE						
	ROUNDABOUT			COUNCIL 6	27,085	8,198	20,968	56,251
	TOTAL	2085						700,248
2088	FAIRFIELD	MARKET ST TO NALA ST, SMITHFIELD						
	RECONSTRUCTION & WIDENING TO FOUR LANES			COUNCIL 6	1,644	498	1,273	3,415
2088	FAIRFIELD	ELIZABETH ST TO MIMOSA RD, FAIRFIELD						
	OF NORTHERN CARRIAGEWAY			COUNCIL 6	65,004	19,676	50,322	135,002
2088	FAIRFIELD	THE HORSLEY DR FROM FAIRFIELD ST TO BURNS CREEK, FAIRFIELD						
	KERB & GUTTER			COUNCIL 6	10,834	3,279	8,387	22,500
	TOTAL	2088						160,917
2090	BANKSTOWN	BORONIA RD, 0.018 KM TO 0.150 KM EAST OF SH2						
	RECONSTRUCTION OF KERBSIDE LANES			COUNCIL 6	7,303	2,211	5,653	15,167
2090	BANKSTOWN	NORLE AVE TO WATERLOO RD, GREENACRE						
	RECONSTRUCTION & WIDENING TO FOUR LANES - STAGE 1			COUNCIL 7	11,731	3,551	9,081	24,363
2090	BANKSTOWN	HUME HIGHWAY TO HILLCREST AVE, GREENACRE						
	RECONSTRUCTION & WIDENING TO FOUR LANES - STAGE 3			COUNCIL 7	2,695	816	2,086	5,597
2090	BANKSTOWN	ROBERTS RD FROM WILBUR ST TO KARUAH ST, GREENACRE						
	WIDENING & RECONSTRUCTION OF INTERSECTION			DEPT 6	596,505	180,558	461,778	1,238,841
	TOTAL	2090						1,283,968
2091	WILLOUGHBY	BROOK ST, CAMMERAY TO PACIFIC HIGHWAY, ST LEONARDS						
	RECONSTRUCTION OF EXISTING PAVEMENT			COUNCIL 7		46,505		46,505
	TOTAL	2091						46,505
2092	WILLOUGHBY	WILLOUGHBY RD & PENSHURST ST, WILLOUGHBY						
	IMPROVEMENT OF INTERSECTION			COUNCIL 6	91,547	27,711	70,870	190,128
2092	WILLOUGHBY	INTERSECTION OF MOABRAY RD & SH10, CHATSWOOD						
	IMPROVEMENT TO INTERSECTION			COUNCIL 6	21,255	24,595	62,903	168,753
	TOTAL	2092						358,881

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0112

ROAD	LOCAL SOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM WLTTH \$	SOURCE OF STATE \$	FUNDS LOANS \$	TOTAL \$	
OTHER ROADS (CONT'D)							
2096	PARRAMATTA	WOODVILLE RD TO DUCK RIVER, AUBURN RECONSTRUCTION & HEAVY PATCHING	COUNCIL 7	27,085	8,198	20,968	56,251
TOTAL 2096						56,251	
2097	LIVERPOOL	FUTURE ROUTE OF F5 NEAR AMIEVS RD, MOOREBANK STRENGTHENING & WIDENING PAVEMENT	DEPT 7	2,143,927		2,143,927	
TOTAL 2097						2,143,927	
2099	MARRICKVILLE	UNWINS BRIDGE RD, MAY ST, CAMPBELL ST & BEDWIN ST, ST PETERS RECONSTRUCTION OF INTERSECTION	COUNCIL 7	37,747	11,426	29,221	78,394
2099	MARRICKVILLE	PARK RD TO BRIDGE ST, SYDNEHAM RECONSTRUCTION OF SELECTED SECTIONS OF PAVEMENT	COUNCIL 7	7,602	2,301	5,885	15,788
2099	MARRICKVILLE	BRIDGE ST, SYDNEHAM TO HAY ST, TEMPE RECONSTRUCTION OF SELECTED LENGTHS	COUNCIL 7	53,852	16,301	41,689	111,842
TOTAL 2099						206,024	
4049	ULMARRA	5.7 KM TO 6.5 KM FROM WOOLI RD RECONSTRUCTION & BITUMINOUS SURFACING	COUNCIL 5		210	210	
TOTAL 4049						210	
4053	COONAMBLE	WARRUMBUNGLE NATIONAL PARK RECONSTRUCTION & BITUMINOUS SURFACING - STAGE FIVE	COUNCIL 5		17,989	17,989	
TOTAL 4053						17,989	
5010	STRATHFIELD	PEMBERTON ST TO ARTHUR ST, STRATHFIELD - HUDSON PARK DEVIATION DIVIDED FOUR LANE CARRIAGEWAYS	COUNCIL 8	1,329,280		1,329,280	
5010	STRATHFIELD	PEMBERTON ST TO ARTHUR ST, STRATHFIELD DIVIDED SIX LANE CARRIAGEWAYS	COUNCIL 6	39,165	11,855	30,319	81,339
TOTAL 5010						1,410,619	
5012	PARRAMATTA	KISSING POINT RD & KINGSFORD ST, DUNDAS DIVIDED SIX LANE CARRIAGEWAYS	DEPT 7	317,899	96,226	246,098	660,223

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0113

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)							
TOTAL	5012							660,223
5013	BANKSTOWN	ROBERTS RD, KARUAH ST TO REBECCA RD, CHULLORA WIDENING TO PROVIDE SIX LANES	DEPT	6	16,398	4,963	12,694	34,055
TOTAL	5013							34,055
5015	PARRAMATTA	HARRIS RD TO SH5, WENTWORTHVILLE DIVIDED SIX LANE CARRIAGEWAYS - STAGE 5	DEPT	7	1,762,110			1,762,110
5015	PARRAMATTA	HARRIS RD TO SH5, WENTWORTHVILLE DIVIDED CARRIAGEWAYS - PUBLIC UTILITIES ADJUSTMENTS	DEPT	7	127,792			127,792
5015	PARRAMATTA	HEMSWORTH AVE TO OLD WINDSOR RD, NORTHMEAD DIVIDED SIX LANE CARRIAGEWAYS	DEPT	6	240,545	72,811	186,215	499,571
TOTAL	5015							2,389,473
5016	BANKSTOWN	SALT PAN CREEK 1.5 KM SOUTH OF BANKSTOWN SINGLE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	6	118,106	35,750	91,431	245,287
5016	BANKSTOWN	ALFORDS POINT BRIDGE FROM CLANCY ST TO ALMA RD, EXTENSION OF NORTHERN APPROACH	PADSTOW DEPT	6	33,427	10,118	25,877	69,422
5016	BANKSTOWN	MACAULEY AVE TO CANTERBURY RD, BANKSTOWN DIVIDED SIX LANE CARRIAGEWAYS & INTERCHANGE	DEPT	6	61,526	18,624	47,630	127,780
5016	BANKSTOWN	ARKLEY ST TO BRYANT ST, BANKSTOWN SIX LANE DIVIDED CARRIAGEWAY & GRADE SEPARATION - STAGE 1	DEPT	6	241,169	73,000	186,699	500,868
TOTAL	5016							943,357
5033	BLACKTOWN	3.4 KM TO 4.5 KM WEST OF PARRAMATTA RECONSTRUCTION & WIDENING TO FOUR LANES	DEPT	7	518,279			518,279
5033	BLACKTOWN	OLD WINDSOR RD & SEVEN HILLS RD, SEVEN HILLS RECONSTRUCTION & CHANNELISATION OF INTERSECTION	DEPT	7	167,135	50,591	129,386	347,112
5033	PARRAMATTA	OLD WINDSOR RD BETWEEN JOHNSTON'S BRIDGE & PYES CROSSING PUBLIC UTILITY ADJUSTMENT	DEPT	7	514,096			514,096
5033	PARRAMATTA	TOONGABBIE CREEK AT OLD WINDSOR RD, OLD TOONGABBIE PRESTRESSED CONCRETE BRIDGE	DEPT	7	111	34	86	231

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0114

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)								
5033	PARRAMATTA	PYES CROSSING 4.5 KM NORTH OF PARRAMATTA	DEPT	7	8,184	2,477	6,336	16,997
	APPROACHES							
5033	PARRAMATTA	JOHNSONS BRIDGE OVER TOONGABBIE CREEK, WENTWORTHVILLE	DEPT	6	624,652	189,078	483,568	1,297,298
	APPROACHES INCLUDING CONNECTION TO PARRAMATTA BY-PASS							
TOTAL 5033								2,694,013
5045	WAVERLEY	BONDI RD TO CARRINGTON RD, WAVERLEY	DEPT	8		1,011,998		1,011,998
	WIDENING & EXTENSION							
5045	WAVERLEY	BRONTE RD TO COUNCIL ST, WAVERLEY	COUNCIL	7	113,757	34,433	88,064	236,254
	STRENGTHENING OF PAVEMENT							
TOTAL 5045								1,248,252
5051	PARRAMATTA	VICTORIA RD & SILVERWATER RD TO PEARCE ST, ERMINGTON	DEPT	8		4,770		4,770
	GRADE SEPARATED INTERCHANGE & DIVIDED SIX LANE CARRIAGEWAYS							
TOTAL 5051								4,770
BAULKHAM HILLS		BRIDGE OVER CATTAI CREEK EDWARDS ST TO JOYLYN RD, ANNANGROVE	COUNCIL	8		55,080		55,080
	APPROACHES							
BAULKHAM HILLS		CATTAI CREEK AT ANNANGROVE RD, ANNANGROVE	COUNCIL	8		2,016		2,016
	PRESTRESSED CONCRETE BRIDGE							
HASTINGS		BRIDGE OVER HASTINGS RIVER, 2.00 KM EAST OF WAUCHOPE	DEPT	4		1,069		1,069
	SUPPLY & DELIVERY OF PRESTRESSED CONCRETE GIRDERS							
HUME		MURRAY RIVER AT HEYWOODS CROSSING 1.5 KM EAST OF ALEURY	DEPT	4		969,878		969,878
	11 SPAN PRESTRESSED CONCRETE BRIDGE							
JUNEE		LEVEL CROSSING AT MAIN SOUTHERN RAILWAY LINE, HAREFIELD	COUNCIL	4		10,205		10,205
	INSTALLATION OF TYPE "F" FLASHING LIGHTS							
LIVERPOOL		BIGGE ST, LIVERPOOL	COUNCIL	7	22,020	6,665	17,047	45,732
	UNDERPASS CONCRETE BLOCK RETAINING WALL							
TOTAL UNCL								1,083,980
TOTAL OTHER ROADS					9,860,254	7,468,388	4,795,451	22,124,093

SUMMARY OF EXPENDITURE - CONSTRUCTION

APPENDIX 5.0115

EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
FREEWAYS	77,748,288	13,816,393	4,942,850	92,507,451
STATE HIGHWAYS	163,952,280	24,024,159	39,062,507	227,038,946
TRUNK ROADS	12,480,241	4,108,897	8,787,390	25,376,528
MAIN ROADS	39,651,111	13,525,131	24,782,549	82,958,791
OTHER ROADS	9,860,254	7,468,388	4,795,451	22,124,093
<hr/>				
SUB TOTALS	299,692,094	67,942,968	82,370,747	450,005,809
MISCELLANEOUS CONSTRUCTION		-74,871		-74,871
<hr/>				
FINAL TOTALS	299,692,094	67,868,097	82,370,747	449,930,938
<hr/>				

STATE ROADS SYSTEM - ACQUISITION SUMMARY

APPENDIX 5.0116

EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
FREEWAYS	3,774,125	7,441,213		11,215,339
STATE HIGHWAYS	2,559,052	6,555,579		9,114,631
TRUNK ROADS		51,112		51,112
MAIN ROADS	4,162	7,895,832		7,899,994
OTHER ROADS	317	6,915,764		6,916,083
<hr/>				
SUB TOTALS	6,337,657	28,359,500		35,197,159
MISCELLANEOUS ACQUISITIONS COSTS		300,507		300,507
SALES OF PROPERTIES NO LONGER REQUIRED FOR WORKS		-9,203,466		-9,203,466
<hr/>				
FINAL TOTALS	6,337,657	19,956,541		26,294,200
<hr/>				

SUMMARY OF PAYMENTS ON LOCAL ROADS
URBAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.0001

LOCAL GOVT AREA	GENERAL GRANTS	SPECIAL WORKS SUBSIDIES	ABRD GRANTS	TOTAL
ASHFIELD	87,500	50,000	118,500	256,000
AUBURN	132,200		20,400	152,600
BANKSTOWN	406,500		225,650	632,150
BAULKHAM HILLS	347,100		49,800	396,900
BLACKTOWN	516,200	647,744	50,000	1,213,944
BLUE MOUNTAINS	374,900	-774		374,126
BOTANY	75,200		50,900	126,100
BURWOOD	68,500			68,500
CAMDEN	102,000		80,917	182,917
CAMPBELLTOWN	247,600	128,521	101,900	478,021
CANTERBURY	258,600			258,600
CONCORD	62,500		55,300	117,800
DRUMMOYNE	77,800			77,800
FAIRFIELD	330,500		253,133	583,633
GOSFORD	458,500	75,750		534,250
GREATER CESSNOCK	432,700		315,340	748,040
HAWKESBURY	389,500			389,500
HOLROYD	234,400			234,400
HORNSBY	431,100		50,000	481,100
HUNTERS HILL	35,000			35,000
HURSTVILLE	161,700	42,615	23,500	227,815
KIAMA	80,900	54,508	34,200	169,608
KOGARAH	119,500			119,500
KU-RING-GAI	342,500		100,000	442,500
LAKE MACQUARIE	553,800			553,800

SUMMARY OF PAYMENTS ON LOCAL ROADS
UREAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.0002

LOCAL GOVT AREA	GENERAL GRANTS	SPECIAL WORKS SUBSIDIES	ABRD GRANTS	TOTAL
LANE COVE	68,800		30,000	98,800
LEICHHARDT	144,600		20,700	165,300
LIVERPOOL	323,400		180,000	503,400
MAITLAND	225,500		93,300	318,800
MANLY	85,100		36,200	121,300
MARRICKVILLE	189,900			189,900
MOSMAN	71,100		31,800	102,900
NEWCASTLE	389,100		160,200	549,300
NORTH SYDNEY	108,200		98,000	206,200
PARRAMATTA	342,600		30,000	372,600
PENRITH	389,100	572,062	55,800	1,016,962
PORT STEPHENS	227,800			227,800
RANDWICK	249,800			249,800
ROCKDALE	201,200		36,000	237,200
RYDE	219,800		224,500	444,300
SHELLHARBOUR	147,300	4,734	64,900	216,934
STRATHFIELD	66,300			66,300
SUTHERLAND	545,900		401,200	947,100
SYDNEY	204,500		80,000	284,500
WARRINGAH	555,200		100,000	655,200
WAVERLEY	116,100			116,100
WILLOUGHBY	124,300			124,300
WOLLONDILLY	241,000			241,000
WOLLONGONG	501,800	251,100	356,900	1,109,800
WOOLLAHRA	124,600			124,600

SUMMARY OF PAYMENTS ON LOCAL ROADS
UREAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.C003

LOCAL GOVT AREA	GENERAL GRANTS	SPECIAL WORKS SUBSIDIES	ABRD GRANTS	TOTAL
WYONG	386,800	32,700		419,500
TOTAL	12,576,500	1,358,960	3,529,040	17,964,500

RURAL LOCAL ROAD - CONSTRUCTION

APPENDIX 6.2.C001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
GLOUCESTER	1150	38.3 KM TO 44.3 KM NORTH OF GLOUCESTER RECONSTRUCTION & BITUMINUS SURFACING	COUNCIL	165,933
GUYRA	3217	FALCONER CREEK AT WARDES MISTAKE RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	4,204
ARMIDALE		EULAVIE CREEK ON TENANDRA TO GOORIANANA RD REINFORCED CONCRETE BRIDGE	COUNCIL	20,400
ARMIDALE		DUMARESQ CREEK AT MARKHAM ST, ARMIDALE REINFORCED CONCRETE BRIDGE	COUNCIL	3,473
BEGA VALLEY		RURAL LOCAL ROADS BRIDGES TO REPLACE FERRIES	DEPT	74,975
BEGA VALLEY		TANTO CREEK AT YOURIE RD TWO SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	68,550
BELLINGEN		LEANS CREEK ON THE THORA TO DARKWOOD RD REINFORCED CONCRETE BRIDGE	COUNCIL	42,285
BOMBALA		DELEGATE RIVER AT DELEGATE REINFORCED CONCRETE BRIDGE	COUNCIL	10,665
BOOROWA		HOVELLS CREEK AT THE JERRINGOMAR/DARBY FALLS RD SIX SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	113,481
BOURKE		TALYAWALKA CREEK ON THE LOUTH TO TILPA ROAD REINFORCED CONCRETE BRIDGE	COUNCIL	20,700
BREWARRINA		BOKHARA RIVER ON JOES GATE ROAD REINFORCED CONCRETE BRIDGE	COUNCIL	91,770
CABONNE		SPRING CREEK - KEARNEY'S BRIDGE REINFORCED CONCRETE BRIDGE	COUNCIL	9,959
CAMPBELLTOWN		RURAL LOCAL ROADS BRIDGES TO REPLACE FERRIES	DEPT	81,479
COFFS HARBOUR		NORTH BOAMBEE CREEK REINFORCED CONCRETE BRIDGE	COUNCIL	103,000
COFFS HARBOUR		COFFS HARBOUR - SAWTELL LINK RD AT SOUTH BOAMBEE CREEK REINFORCED CONCRETE BRIDGE	COUNCIL	-103,000
COFFS HARBOUR		FRIDAY CREEK AT FRIDAY CREEK RD REINFORCED CONCRETE BRIDGE	COUNCIL	2,800

RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0002

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
COOMA-MONARO		EDBUNDARA CREEK AT THE COOMA/BOBUNDARA RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	114,722
COOMA-MONARO		STRIKE-A-LIGHT CREEK ON BREDBO RD TO JERANGLE RD REINFORCED CONCRETE BRIDGE	COUNCIL	95,239
COOTAMUNDRA		MUTTAMA CREEK AT WALLENDON ST, COOTAMUNDRA REINFORCED CONCRETE BRIDGE	COUNCIL	1,090
COMRA		LACHLAN RIVER AT THE ELLIMARS/ MORRIGSANOWAY RD FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	125,000
DUMARESQ		GARA RIVER AT THARGARAH FIVE SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	121,564
GILGANDRA		KICKABIL CREEK ON THE DUBBO TO COLLIE RD THREE CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	2,669
GLOUCESTER		TENIS BRIDGE 35.4 KM NORTH WEST OF GLOUCESTER REINFORCED CONCRETE BRIDGE	COUNCIL	-1,445
GLOUCESTER		COBARK RIVER ON COBARK ROAD REINFORCED CONCRETE BRIDGE	COUNCIL	75,000
GRAFTON		WASHPOOL CREEK ON WASHPOOL ROAD PRESTRESSED CONCRETE BRIDGE	COUNCIL	30,000
GUNNING		RURAL LOCAL ROADS BRIDGES TO REPLACE FERRIES	DEPT	52,367
GUYRA		JOHNS CREEK AT WAVERLY RD REINFORCED CONCRETE BRIDGE	COUNCIL	5,836
HARDEN		IRISH JACKS CREEK ON POPPITY RD 2 CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	28,000
HASTINGS		BRIDGE OVER HASTINGS RIVER AT ROCKS FERRY APPROACHES	COUNCIL	150,000
HASTINGS		BRIDGE OVER HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE PRINCIPAL'S SUPERVISION	DEPT	37,335
HASTINGS		HASTINGS RIVER 2.0 KM EAST OF WAUCHOPE NINE SPAN PRESTRESSED CONCRETE GIRDER BRIDGE	DEPT	772,053
HASTINGS		LIMEBURNERS CREEK AT LIMEBURNERS CREEK ROAD PRESTRESSED CONCRETE BRIDGE	COUNCIL	300,000

RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0003

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
HASTINGS		WILSON RIVER AT BALLINGARA REINFORCED CONCRETE BRIDGE	COUNCIL	55,000
HAWKESBURY		REDBANK CREEK AT KURMOND TO NORTH RICHMOND RD REINFORCED CONCRETE BRIDGE	COUNCIL	12,264
HUME		LEVEL CROSSING AT GEROGERY ON BELLS ROAD INSTALLATION OF FLASHING LIGHTS & WARNING BELLS	COUNCIL	25,490
KEMPSEY		CONNERTION CREEK - DULTHANGI BRIDGE REINFORCED CONCRETE BRIDGE	COUNCIL	33
KYOGLE		RURAL LOCAL ROADS BRIDGES TO REPLACE FERRIES	DEPT	28,566
MOREE PLAINS		BRIDGE OVER MOOMIN CREEK ON ELSIEVILLE/CLARENDON RD REINFORCE CONCRETE BRIDGE	COUNCIL	116,350
MULWAREE		DIXONS CREEK AT THE KIPPILAN/POMERAY RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	93,000
MURRAY		MIDDLE CREEK ON THE MATHOURA TO TOCUMWAL ROAD REINFORCED CONCRETE BRIDGE	COUNCIL	20,000
WARROMINE		5.5 KM WEST OF GIN GIN CULVERT BRIDGE SUBSIDY	COUNCIL	22,058
PARRY		MOONBI CREEK AT NEW ENGLAND GULLY RD REINFORCED CONCRETE BRIDGE	COUNCIL	118,500
SEVERN		DEVELOPMENTAL ROADS PAYMENTS TO COUNCILS FOR LONG SERVICE LEAVE	COUNCIL	904
SHOALHAVEN		TULLARWALLAH CREEK AT SUSSEX INLET ACCESS ROAD PRESTRESSED CONCRETE BRIDGE	COUNCIL	71,824
SNOWY RIVER		ALPINE WAY 26.6 KM TO 29.0 KM WEST OF JINDABYNE RECONSTRUCTION	COUNCIL	499,818
SNOWY RIVER		ALPINE WAY 15.7 KM TO 20.0 KM WEST OF JINDABYNE RECONSTRUCTION	DEPT	19,301
SNOWY RIVER		24.0 KM TO 26.6 KM WEST OF JINDABYNE RECONSTRUCTION & BITUMINOUS SURFACING	DEPT	621,221
SNOWY RIVER		26.6 KM TO 29.0 KM WEST OF JINDABYNE STRENGTHENING & WIDENING OF PAVEMENT	DEPT	310,618

RURAL LOCAL ROAD - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0004

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
TALLAGANDA		BRIDGE OVER SHOALHAVEN RIVER AT BALLALABAH SIX SPAN GIRDER BRIDGE - SUPPLY & DELIVERY OF STEEL GIRDERS	COUNCIL	2,618
TAMWORTH		GOONOO GOONOC CREEK AT SCOTT RD, TAMWORTH REINFORCED CONCRETE BRIDGE	COUNCIL	20,081
TEMORA		RURAL LOCAL ROADS BRIDGES TO REPLACE FERRIES	DEPT	3,391
TUMBARUMBA		TUMBARUMBA RECONSTRUCTION TO SERVE PULPWOOD TRAFFIC	COUNCIL	137,850
TUMUT		TUMUT RECONSTRUCTION TO SERVE PULPWOOD TRAFFIC	COUNCIL	235,075
TUMUT		KILLIMICAT CREEK ON BRUNGLE ROAD PRESTRESSED CONCRETE BRIDGE	COUNCIL	7,369
WAGGA WAGGA		REEDY CREEK AT PATTERSONS RD TWO CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	25,909
WAGGA WAGGA		O'BRIENS CREEK AT GREGADCO EAST RD TWO SPAN PRECAST CONCRETE BRIDGE	COUNCIL	56,698
WAKOOL		UARA CREEK 2.7 KM NORTH OF SH14 PRESTRESSED CONCRETE BRIDGE	COUNCIL	8,150
WALGETT		PIAN CREEK 37.9 KM EAST OF WALGETT PRESTRESSED CONCRETE BRIDGE	COUNCIL	5,498
WENTWORTH		BOEILL CREEK AT BURONGA SIX SPAN PRESTRESSED CONCRETE BRIDGE	COUNCIL	86,310
WINGECARRIBEE		GLENQUARRY CUT 2.4 KM SOUTH OF MR263 PRESTRESSED CONCRETE BRIDGE	COUNCIL	24,850
WOLLONDILLY		NEPEAN RIVER AT COBBITY REINFORCED CONCRETE BRIDGE	COUNCIL	10,327
YALLAROI		BOONAL BRIDGE ON THE BOONAL/KEETAH RD PRESTRESSED CONCRETE BRIDGE	COUNCIL	112,765
YARROWLUNLA		BRIARS TO HOSKINSTOWN RD SIX CELL REINFORCED CONCRETE BOX CULVERT	COUNCIL	5,019
		TOTAL		5,376,961

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	ABRD GRANTS	TOTAL
ALBURY	61,400				29,500	90,900
ARMIDALE	50,100				19,500	69,600
BALLINA	244,500				306,080	550,580
BALRANALD	255,600		8,130		43,840	307,570
BARRABA	187,100	70,000			86,700	343,800
BATHURST	75,700				70,000	145,700
BEGA VALLEY	514,700					514,700
BELLINGEN	233,500	3,418			95,000	331,918
BERRIGAN	217,300				140,000	357,300
BINGARA	153,500	27,450			123,300	304,250
BLAND	458,500	69,645			169,600	697,745
BLAYNEY	203,100	5,543			93,000	301,643
BLUE MOUNTAINS	180,000					180,000
BOGAN	248,200	169,177			104,500	521,877
BOMBALA	226,300	7,573			25,000	258,873
BOOROWA	202,200	29,280			92,700	324,180
BOURKE	427,200	117,067			168,800	713,067
BREWARRINA	271,400	35,635			115,100	422,135
BROKEN HILL	51,200				64,800	116,000
BYRON	321,152					321,152
CABONNE	511,800	41,184			242,000	794,984
CARRATHOOL	329,000				200,000	529,000
CASINO	64,200					64,200
CENTRAL DARLING	320,500	490,000				810,500
COBAR	318,600	500,464	23,078		129,700	971,842

LOCAL GOVT AREA	RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE					ABRD GRANTS	TOTAL
	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES			
COFFS HARBOUR	397,925						397,925
CONARGO	198,100					91,000	289,100
COOLAH	241,500	95,000				130,000	466,500
COCLAMON	230,400	30,503				101,600	362,503
COOMA-MONARO	306,300	15,750				235,100	557,150
COONABARABRAN	289,000	130,000				106,400	525,400
COONAMBLE	315,900	176,640				128,600	621,140
COOTAMUNDRA	161,400	46,834				76,300	284,534
COPMANHURST	202,600					93,000	295,600
COROWA	199,900					87,000	286,900
COWRA	267,300					113,400	380,700
CROOKWELL	205,600					93,800	299,400
CULCAIRN	180,500	13,088				84,100	277,688
DENILIQUIN	42,100					20,000	62,100
DUBBO	344,700	19,085				132,900	496,685
DUMARESQ	237,400	7,000				221,000	465,400
DUNGOG	233,300					35,400	268,700
EUROBODALLA	372,800	21,785				138,400	532,985
EVANS	365,600	63,960				170,000	599,560
FORBES	338,700	13,653				139,500	491,853
GILGANDRA	229,400	47,812				97,600	374,812
GLEN INNES	45,000	2,000				16,000	63,000
GLOUCESTER	224,400	5,625				401,955	631,980
GOSFORD						168,800	168,800
GOULBURN	54,700					21,200	75,900

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	ABRD GRANTS	TOTAL
GRAFTON	80,100					80,100
GREAT LAKES	313,700				135,500	449,200
GREATER CESSNOCK					96,360	96,360
GREATER LITHGOL	470,500				150,000	620,500
GREATER TAREE	480,400	60,325			199,918	740,643
GRIFFITH	287,100	14,897			76,130	378,127
GUNDAGAI	200,900	74,020			91,000	365,920
GUNNDAH	333,900	400,000			219,200	953,100
GUNNING	137,800	5,205			65,200	208,205
GUYRA	228,700	11,398			106,925	347,023
HARDEN	183,700	1,477			85,500	270,677
HASTINGS	502,300	2,000			606,665	1,110,965
HAWKESBURY					50,000	50,000
HAY	167,200				60,000	227,200
HOLBROOK	149,600	4,500			70,600	224,700
HUME	224,200	16,095			105,900	346,195
INVERELL	474,900	117,307			125,300	717,507
JERILDERIE	184,700				52,600	237,300
JUNEE	192,300	38,568			85,300	316,168
KEMPSEY	436,500	12,005			182,500	631,005
KYOGLE	313,900	32,411				346,311
LACHLAN	484,600	50,000			179,400	714,000
LEETON	202,800	13,125			91,600	307,525
LISMORE	440,100	14,387				454,487
LOCKHART	259,700	14,505			80,000	354,205

LOCAL GOVT AREA	RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE					TOTAL
	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	ABRD GRANTS	
LORD HOWE ISLAND	35,000					35,000
MACLEAN	230,700	39,602			333,300	603,602
MANILLA	162,800	20,109			76,900	259,809
MERRIWA	174,100	150,000			28,500	352,600
MOREE PLAINS	515,403	940,743				1,456,146
MUDGEE	360,000	39,540			250,800	650,340
MULWAREE	299,200	28,381			129,700	457,281
MURRAY	223,700				95,300	319,000
MURRUMBIDGEE	132,900				71,053	203,953
MURRURUNDI	169,400	314,543			71,000	555,343
MUSWELLBROOK	189,000				89,300	278,300
NAMBUCCA	317,500				180,643	498,143
NARRABRI	433,900	1,318,019			237,700	1,989,619
NARRANDERA	317,100	10,000			82,000	409,100
NARROMINE	269,900	16,575			113,900	400,375
NUNDLE	141,500				66,900	208,400
NYPBODA	224,300					224,300
ONDERON	210,100				70,000	280,100
ORANGE	90,600				35,300	125,900
PARKES	348,500	14,633			142,700	505,833
PARRY	396,000	400,000			225,000	1,021,000
QUEANBEYAN	45,300				17,800	63,100
QUIRINDI	185,900	62,390			350,000	598,290
RICHMOND RIVER	328,700	78,213			141,500	548,413
RYLSTONE	211,200	36,733			80,000	327,933

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	ABRD GRANTS	TOTAL
SCONE	224,700	25,720			155,000	405,420
SEVERN	299,400				130,000	429,400
SHOALHAVEN	474,300	7,560			175,700	657,560
SINGLETON	237,200				136,600	373,800
SNOWY RIVER	224,200	9,176			84,880	318,256
TALLAGANDA	171,700	39,963			81,200	292,863
TAMWORTH	61,300	40,000			121,230	222,530
TEMORA	256,400	55,591			40,200	352,191
TENTERFIELD	356,000	26,496			294,000	676,496
TURBARUMBA	95,275				73,800	169,075
TUMUT	116,700	40,000			50,000	226,700
TWEED	428,100	37,125			421,540	886,765
ULMARRA	224,300	14,547				238,847
URALLA	270,100	70,000			145,000	485,100
URANA	187,600	33,026			45,050	265,676
WAGGA WAGGA	479,400	33,428			250,000	762,828
WAKOOL	300,300				200,100	500,400
WALCHA	237,900	20,000			653,200	971,100
WALGETT	442,500	907,048	4,743		174,200	1,528,491
WARREN	213,000	24,324			91,600	328,924
WEDDIN	218,500				93,600	312,100
WELLINGTON	251,300	47,813			105,300	404,413
WENTWORTH	344,800	33,750	2,505		302,000	683,055
WINDOURAN	137,200				42,000	179,200
WINGECARRIBEE	426,800				198,300	625,100

APPENDIX 6.3.C006

LOCAL GOVT AREA	RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE					TOTAL
	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	ABRD GRANTS	
WOLLONDILLY					105,900	105,900
WOLLONGONG		800,000				800,000
WYONG					300,000	300,000
YALLAROI	261,100	320,913			125,000	707,013
YARROWLUMLA	161,600				76,300	237,900
YASS	275,300	4,677			109,600	389,577
YOUNG	217,597	25,768			97,300	340,665
TOTAL	32,168,152	9,304,202	38,456		15,905,669	57,416,479

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 \$
DUEBO	1165	MINORE - COOLBAGGIE CREEK RD AT MACQUARIE RIVER MAINTENANCE OF MINORE BRIDGE	DEPT	14,245
BEGA VALLEY		CATHCART - ROCKY HALL - WYNDHAM ROAD AT TOWAMBA RIVER MAINTENANCE OF NEW BUILDINGS BRIDGE	DEPT	882
DUNGOG		ARMIDALE - KANGAROO HILLS RD AT GARA RIVER MAINTENANCE OF THALGARARRAH BRIDGE	DEPT	7,762
DUNGOG		DUNGOG-UPPER WANGAT ROAD AT WILLIAMS RIVER MAINTENANCE OF BANDONGROVE BRIDGE	DEPT	71
EVANS		BATHURST-PONKEY HILL RD-RANKINS BRIDGE OVER MACQUARIE RIVER MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	83,408
FORBES		WARROO - YARRAGINDA RD AT LACHLAN RIVER MAINTENANCE OF WARROO BRIDGE	DEPT	12,747
GOULBURN		LANDSDOWNE BRIDGE OVER MULWAREE PONDS GOULBURN BUNGONIA ROAD MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	72,803
GREATER LITHGOW		STONE POINT RD AT COX'S RIVER MAINTENANCE OF MCKANE'S BRIDGE	DEPT	29,448
INVERELL		INVERELL RAILWAY STATION AND MACINTYRE RIVER AT INVERELL MAINTENANCE OF INVERELL RAILWAY BRIDGE	DEPT	35,726
JUNEE		MUNDARLO BRIDGE OVER MURRUMBIDGEE RIVER JUNEE TUMBLONG ROAD MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	566
KEMPSEY		WEST KEMPSEY - SOUTH KEMPSEY RD AT MACLEAY RIVER MAINTENANCE OF KEMPSEY RAILWAY FOOTBRIDGE	DEPT	8,143
LACHLAN		GOOBANG CREEK AT CONDOBOLIN MAINTENANCE OF GOOBANG BRIDGE	DEPT	6,207
MAITLAND		LUSKINTYRE BRIDGE OVER HUNTER RIVER, LOCHINVAR MAINTENANCE	DEPT	48,826
MOREE PLAINS		PALLAMALLAWA - GINIGUY RAILWAY STATION ROAD AT GWYDIR RIVER MAINTENANCE OF PALLAMALLAWA BRIDGE	DEPT	4,872
MUDGEES		CUDEGONG RIVER AT WILBERTREE FLAT MAINTENANCE OF SPECIAL SUBSIDY BRIDGES	DEPT	3,929
MUDGEES		CULLENBONE - COBBORA RD AT WYALDRA CREEK MAINTENANCE OF BERYLE BRIDGE	DEPT	44,630

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		ROSSI BRIDGE OVER WOLLONDILLY RIVER NEAR GRABEN GULLEN MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	8,046
MUSWELLBROOK		DENMAN - EAERAMI RD AT GOULBURN RIVER MAINTENANCE OF YARRAWA BRIDGE	DEPT	70,290
PORT STEPHENS		BRIDGE OVER PATERSON RIVER, MAITLAND MAINTENANCE	DEPT	60,399
SEVERN		GLEN INNES - NEWTON BOYD ROAD AT MANN RIVER MAINTENANCE OF MANN BRIDGE	DEPT	4,211
SEVERN		GLEN INNES - EMMAVILLE RD AT SEVERN RIVER MAINTENANCE OF FLADBURY BRIDGE	DEPT	72,540
SEVERN		GLEN INNES - NEWTON BOYD RD AT HENRY RIVER MAINTENANCE OF NEWTON BOYD BRIDGE	DEPT	56,512
SINGLETON		RAVENSWORTH - COORANGOO LA RD AT GLENNIE'S CREEK MAINTENANCE OF MIDDLE FALBROOK BRIDGE	DEPT	22,803
TALLAGANDA		BOMBAY BRIDGE OVER SHOALHAVEN RIVER BRAIDWOOD QUEANBEYAN RD MAINTENANCE (SPECIAL SUBSIDY BRIDGES)	DEPT	27,206
TUMUT		BRIDGE OVER TUMUT RIVER ON TUMUT-JONES BRIDGE RD MAINTENANCE OF JUNCTION (SHELLEY) BRIDGE	DEPT	9,313
WELLINGTON		GEURIE - ARTHURVILLE RD AT MACQUARIE RIVER MAINTENANCE OF SCAEBING FLAT BRIDGE	DEPT	7,274
WOLLONDILLY		STONEQUARRY CREEK, UPPER PICTON RD, PICTON MAINTENANCE OF VICTORIA BRIDGE	DEPT	79,664
		SUB-TOTAL		792,523

RURAL LOCAL ROADS - MISCELLANEOUS WORKS				APPENDIX 6.4.0003
LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
WESTERN DIVISION		UNCLASSIFIED RDS IN UNINCORPORATED AREA OF WESTERN DISTRICT CONSTRUCTION & MAINTENANCE	DEPT	404,922
		NSW NATIONAL PARKS AND WILDLIFE SERVICE STRENGTHENING OF PARK ROADS IN KINCHEEA NATIONAL PARK	COUNCIL	40,000
		NSW NATIONAL PARKS AND WILDLIFE SERVICE IMPROVED AMENITY WITHIN STURT NATIONAL PARK	COUNCIL	8,000
		NSW NATIONAL PARKS AND WILDLIFE SERVICE IMPROVED AMENITY WITHIN FUNGO NATIONAL PARK	COUNCIL	50,000
		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
		SUB-TOTAL		862,922
		TOTAL RURAL LOCAL ROADS		1,655,445

SUMMARY OF EXPENDITURE - LOCAL ROADS

URBAN LOCAL ROAD	17,964,500
RURAL LOCAL ROAD	64,448,885

DIRECT WORKS EXPENDITURE	82,413,385
ENGINEERING ADMINISTRATION	322,168
GENERAL ADMINISTRATION	328,670

TOTAL	83,064,223

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
FREEWAYS					
	F1	NORTH SYDNEY	DEPARTMENT	415,476	415,476
	F1	WARRINGAH	DEPARTMENT	57,079	57,079
TOTAL	F1			472,555	472,555
	F2	GOSFORD	DEPARTMENT	483,136	537,302
	F2	GOSFORD		1,341	1,341
	F2	HORNSEY	DEPARTMENT	472,502	508,369
	F2	HUNTERS HILL	DEPARTMENT	162,319	162,319
TOTAL	F2		956,979	252,352	1,209,331
	F4	AUBURN	DEPARTMENT	209,476	209,476
	F4	BLACKTOWN	DEPARTMENT	114,476	114,476
	F4	CCNCORD	DEPARTMENT	22,789	22,789
	F4	HCLROYD	DEPARTMENT	170,825	170,825
	F4	PARRAMATTA	DEPARTMENT	5,907	5,907
	F4	PENRITH	DEPARTMENT	307,180	307,180
	F4	STRATHFIELD	DEPARTMENT	141,291	141,291
	F4	SYDNEY	DEPARTMENT	36,215	36,215
TOTAL	F4			1,008,159	1,008,159
	F5	CAMPBELLTOWN	DEPARTMENT	620,097	620,097
	F5	LIVERPOOL	DEPARTMENT	23,601	23,601
	F5	WINGECARRIBEE	DEPARTMENT	196,204	196,204
	F5	WOLLONDILLY	DEPARTMENT	341,240	341,240
TOTAL	F5		1,201,142		1,201,142
	F6	SUTHERLAND	DEPARTMENT	23,275	23,275
	F6	SYDNEY	DEPARTMENT	909	909
	F6	WOLLONGONG	DEPARTMENT	1,134,735	1,134,735
TOTAL	F6			1,158,919	1,158,919
	F7	SYDNEY	DEPARTMENT	15,719	15,719
TOTAL	F7			15,719	15,719
TOTAL FREEWAYS			2,159,121	2,907,704	5,066,825

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
STATE HIGHWAYS					
1	BEGA VALLEY	DEPARTMENT		713,342	713,342
1	EUROBODALLA	DEPARTMENT		1,325,309	1,325,309
1	KIAMA	DEPARTMENT		427,558	427,558
1	KOGARAH	DEPARTMENT		168,318	168,318
1	MARRICKVILLE	DEPARTMENT		105,444	105,444
1	ROCKDALE	DEPARTMENT		123,552	123,552
1	SHELLHARBOUR	DEPARTMENT		202,467	202,467
1	SHOALHAVEN	DEPARTMENT		1,451,006	1,451,006
1	SUTHERLAND	DEPARTMENT		589,977	589,977
1	SYDNEY	COUNCIL		100,486	100,486
1	WOLLONGONG	DEPARTMENT		913,780	913,780
1	WOLLONGONG	COUNCIL		24,879	24,879
1	WOLLONGONG	DEPARTMENT		8,238	8,238
TOTAL	1			6,154,356	6,154,356
2	ALBURY	DEPARTMENT	130,559		130,559
2	ASHFIELD	DEPARTMENT		19,082	19,082
2	AUBURN	DEPARTMENT	2,460		2,460
2	BANKSTOWN	DEPARTMENT	4,100	196,401	200,501
2	BURWOOD	DEPARTMENT		135,530	135,530
2	CAMPBELLTOWN	DEPARTMENT	20,500		20,500
2	FAIRFIELD	DEPARTMENT		94,442	94,442
2	GOULBURN	DEPARTMENT	144,226		144,226
2	GOULBURN	COUNCIL	226,498		226,498
2	GUNDAGUI	DEPARTMENT	994,956	6,313	1,001,269
2	GUNNING	DEPARTMENT	470,431		470,431
2	HARDEN	DEPARTMENT	406,661		406,661
2	HILLCROOK	DEPARTMENT	619,358		619,358
2	HOLROYD	DEPARTMENT	1,640		1,640
2	HUME	DEPARTMENT	387,357		387,357
2	LIVERPOOL	DEPARTMENT	6,560	439,118	445,678
2	MULWAREE	DEPARTMENT	1,163,263		1,163,263
2	PARRAMATTA	DEPARTMENT	4,100		4,100
2	STRATHFIELD	DEPARTMENT		136,063	136,063
2	WAGGA WAGGA	DEPARTMENT	456,002		456,002
2	WINGECARRIBEE	DEPARTMENT	1,185,594		1,185,594
2	WOLLONDILLY	DEPARTMENT		3,495	3,495
2	WOLLONDILLY	COUNCIL		340,761	340,761
2	WOLLONDILLY	DEPARTMENT		2,255	2,255
2	WOLLONDILLY	COUNCIL		24,438	24,438
2	YASS	DEPARTMENT	353,410		353,410
TOTAL	2		7,077,675	1,397,898	8,475,573

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
3	GUNNING	DEPARTMENT	472,511		472,511
3	MULWAREE	DEPARTMENT	405,971		405,971
3	YARROWLUMLA	DEPARTMENT	309,820		309,820
3	YARROWLUMLA			99	99
TOTAL	3		1,188,302	99	1,188,401
4	REGA VALLEY	DEPARTMENT		671,559	671,559
4	COOMA-MONARC	DEPARTMENT		58,048	58,048
4	COOMA-MONARC	CCUNCIL		5,543	5,543
4	COOMA-MONARC	CCUNCIL		4,136	4,136
4	GUNDAGAI	DEPARTMENT		42,968	42,968
4	SNOWY RIVER	DEPARTMENT		424,387	424,387
4	TUMUT	DEPARTMENT		715,813	715,813
TOTAL	4			1,922,454	1,922,454
5	ASHFIELD	DEPARTMENT		34,043	34,043
5	AUBURN	DEPARTMENT		127,390	127,390
5	BATHURST	DEPARTMENT		107,423	107,423
5	BLACKTOWN	DEPARTMENT		180,829	180,829
5	BLUE MOUNTAINS	DEPARTMENT		946,114	946,114
5	BURWOOD	DEPARTMENT		95,149	95,149
5	EVANS	DEPARTMENT		217,416	217,416
5	GREATER LITHGOW	DEPARTMENT		483,381	483,381
5	HOLROYD	DEPARTMENT		179,385	179,385
5	LEICHPARDT	DEPARTMENT		25,532	25,532
5	PARRAMATTA	DEPARTMENT		85,793	85,793
5	PENRITH	DEPARTMENT		212,638	212,638
5	STRATHFIELD	DEPARTMENT		95,149	95,149
5	SYDNEY	CCUNCIL		156,073	156,073
TOTAL	5			2,946,315	2,946,315
6	BATHURST	DEPARTMENT		119,480	119,480
6	BLAND	DEPARTMENT		308,111	308,111
6	BLAYNEY	DEPARTMENT		316,445	316,445
6	CARRATHOOL	DEPARTMENT		550,382	550,382
6	CCWRA	CCUNCIL		6,017	6,017
6	CCWRA	DEPARTMENT		242,851	242,851
6	CCWRA	CCUNCIL		173,160	173,160
6	EVANS	DEPARTMENT		108,906	108,906
6	HAY	CCUNCIL		2,183	2,183
6	HAY	DEPARTMENT		251,456	251,456
6	URANA	DEPARTMENT		55,815	55,815
6	WEDDIN	CCUNCIL		278,308	278,308

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	6			2,413,114	2,413,114
	7	BATHURST	DEPARTMENT	80,524	80,524
	7	BOGAN	DEPARTMENT	538	538
	7	BOGAN	COUNCIL	2,728	2,728
	7	BOGAN	DEPARTMENT	208,995	208,995
	7	BOGAN	COUNCIL	16	16
	7	BOURKE	DEPARTMENT	756,717	756,717
	7	CADONNE	DEPARTMENT	516,832	516,832
	7	DUBBO	DEPARTMENT	209,354	209,354
	7	EVANS	DEPARTMENT	148,324	148,324
	7	NARROMINE	DEPARTMENT	266,391	266,391
	7	ORANGE	COUNCIL	37,597	37,597
	7	ORANGE	DEPARTMENT	193,263	193,263
	7	WARREN	DEPARTMENT	88,736	88,736
	7	WELLINGTON	DEPARTMENT	396,725	396,725
TOTAL	7			2,896,740	2,896,740
	8	BOGAN	DEPARTMENT	212,802	212,802
	8	BROKEN HILL	DEPARTMENT	11,545	11,545
	8	BROKEN HILL	COUNCIL	34,804	34,804
	8	CENTRAL DARLING	DEPARTMENT	3,428	3,428
	8	CENTRAL DARLING	COUNCIL	5,908	5,908
	8	CENTRAL DARLING	DEPARTMENT	609,337	609,337
	8	COBAR	COUNCIL	1,731	1,731
	8	COBAR	DEPARTMENT	947,694	947,694
	8	WESTERN DIVISION	DEPARTMENT	483,570	483,570
TOTAL	8			2,310,819	2,310,819
	9	ARMIDALE	COUNCIL	64,552	64,552
	9	DUMARFSQ	DEPARTMENT	129,767	129,767
	9	GLEN INNES	COUNCIL	1,625	1,625
	9	GLEN INNES	DEPARTMENT	66,677	66,677
	9	GREATER CESSNOCK	DEPARTMENT	59,598	59,598
	9	GUYRA	DEPARTMENT	247,833	247,833
	9	MAITLAND	DEPARTMENT	433,109	433,109
	9	MAITLAND	COUNCIL	4,527	4,527
	9	MAITLAND	DEPARTMENT	1,483	1,483
	9	MAITLAND	COUNCIL	78,821	78,821
	9	MAITLAND	DEPARTMENT	2,966	2,966
	9	MAITLAND	COUNCIL	1,032	1,032
	9	MAITLAND	DEPARTMENT	274,400	274,400
	9	MURRURUNDI	DEPARTMENT	243,536	243,536
	9	MUSWELLBROOK	COUNCIL	21,075	21,075

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
9	MUSWELLBROOK	DEPARTMENT	228,324		228,324
9	NEWCASTLE	DEPARTMENT	129,718		129,718
9	NUNDELF	DEPARTMENT	84,925		84,925
9	PARRY	DEPARTMENT	707,581	118,066	825,647
9	QUIRINDI	DEPARTMENT	184,838		184,838
9	SCONE	DEPARTMENT	243,990		243,990
9	SEVERN	DEPARTMENT	427,816		427,816
9	SINGLETON	CCUNCIL	448		448
9	SINGLETON	DEPARTMENT	166,719		166,719
9	SINGLETON	CCUNCIL	9,060		9,060
9	SINGLETON	DEPARTMENT	218,424		218,424
9	SINGLETON		4,127		4,127
9	SINGLETON	DEPARTMENT	66,723		66,723
9	TAMWORTH	DEPARTMENT	59,947		59,947
9	TAMWORTH	CCUNCIL	84,937		84,937
9	TAMWORTH	DEPARTMENT	51,209		51,209
9	TAMWORTH	CCUNCIL	20,014-		20,014-
9	TENTERFIELD	CCUNCIL	28,312		28,312
9	TENTERFIELD	DEPARTMENT	106,933		106,933
9	TENTERFIELD	CCUNCIL	2,192-		2,192-
9	TENTERFIELD	DEPARTMENT	275,223		275,223
9	URALLA	DEPARTMENT	189,767		189,767
TOTAL	9		4,937,816	118,066	5,055,882
10	BALLINA	DEPARTMENT		338,373	338,373
10	BALLINA	CCUNCIL		103,230	103,230
10	BALLINA	DEPARTMENT		48,169	48,169
10	BELLINGEN	DEPARTMENT		370,740	370,740
10	BYRON	DEPARTMENT		376,002	376,002
10	COFFS HARBOUR	CCUNCIL		35,448	35,448
10	COFFS HARBOUR	CCUNCIL		18,715-	18,715-
10	COFFS HARBOUR	DEPARTMENT		748,048	748,048
10	GOSFORD	CCUNCIL		447	447
10	GOSFORD	DEPARTMENT		498,192	498,192
10	GOSFORD	CCUNCIL		2,900	2,900
10	GOSFORD		310		310
10	GRAFTON	DEPARTMENT		160,787	160,787
10	GREAT LAKES	DEPARTMENT		902,362	902,362
10	GREATER TAREE	CCUNCIL		32,226	32,226
10	GREATER TAREE	DEPARTMENT		9,179	9,179
10	GREATER TAREE	CCUNCIL		9,403	9,403
10	GREATER TAREE	DEPARTMENT		1,061,877	1,061,877
10	GREATER TAREE	CCUNCIL		5,086-	5,086-
10	GREATER TAREE	DEPARTMENT		34,317	34,317
10	HASTINGS	DEPARTMENT		517,775	517,775
10	HORNSEY	DEPARTMENT	4,136	876,011	880,147
10	KEMPSEY	CCUNCIL		8-	8-
10	KEMPSEY	DEPARTMENT		330,726	330,726

STATE ROADS SYSTEM - MAINTENANCE

SOURCE OF FUNDS

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
10	KEMPSEY	CCOUNCIL		24,937	24,937
10	KU-RING-GAI	DEPARTMENT		435,950	435,950
10	LAKE MACQUARIE	DEPARTMENT	268,660	737,852	1,006,512
10	LAKE MACQUARIE		929		929
10	LAKE MACQUARIE	DEPARTMENT		4,671	4,671
10	LANE COVE	DEPARTMENT		74,619	74,619
10	MACLEAN	DEPARTMENT		385,741	385,741
10	NAMBUCCA	DEPARTMENT		1,563,687	1,563,687
10	NEWCASTLE		1,548		1,548
10	NEWCASTLE	DEPARTMENT		5,838	5,838
10	NEWCASTLE	CCOUNCIL	11,053		11,053
10	NEWCASTLE	DEPARTMENT	12,204		12,204
10	NEWCASTLE	CCOUNCIL		392	392
10	NEWCASTLE	DEPARTMENT		76,883	76,883
10	NEWCASTLE	CCOUNCIL		158,587	158,587
10	NEWCASTLE	DEPARTMENT		4,671	4,671
10	NEWCASTLE	CCOUNCIL	40,810		40,810
10	NORTH SYDNEY	DEPARTMENT		90,331	90,331
10	PORT STEPHENS	DEPARTMENT		336,620	336,620
10	RICHMOND RIVER	DEPARTMENT		582,997	582,997
10	TWEED	DEPARTMENT		16,078	16,078
10	TWEED	CCOUNCIL		20,410	20,410
10	TWEED	DEPARTMENT		403,066	403,066
10	TWEED	CCOUNCIL		14,455	14,455
10	TWEED	DEPARTMENT		163,275	163,275
10	ULMARRA	DEPARTMENT		706,077	706,077
10	WILLOUGHBY	DEPARTMENT		149,242	149,242
10	WYONG	DEPARTMENT	575,785	37,498	1,013,283
10	WYONG		1,032		1,032
10	WYONG	DEPARTMENT	1,483		1,483
TOTAL	10		1,218,250	12,428,280	13,746,530
11	COONABRABRAN	DEPARTMENT		718,538	718,538
11	GILGANDRA	DEPARTMENT		777,607	777,607
11	GUNDEDAH	CCOUNCIL		183,029	183,029
11	HASTINGS	DEPARTMENT		9,070	9,070
11	HASTINGS	CCOUNCIL		1,623	1,623
11	HASTINGS	DEPARTMENT		120,038	120,038
11	HASTINGS	CCOUNCIL		12,890	12,890
11	HASTINGS	DEPARTMENT		350,423	350,423
11	PARRY	CCOUNCIL		201,545	201,545
11	PARRY	DEPARTMENT		106,966	106,966
11	TAMWORTH	CCOUNCIL		52,128	52,128
11	WALCHA	DEPARTMENT		577,568	577,568
11	WARREN	DEPARTMENT		144,472	144,472
TOTAL	11			3,252,651	3,252,651

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
12	GLEN INNES	CCUNCIL		46,708	46,708
12	INVERELL	CCUNCIL		222,964	222,964
12	MOREE PLAINS	DEPARTMENT		827,826	827,826
12	MCREE PLAINS	CCUNCIL		2,661	2,661
12	MCREE PLAINS	DEPARTMENT		488	488
12	MCREE PLAINS	CCUNCIL		59,083	59,083
12	NYMBOIDA	DEPARTMENT		497,253	497,253
12	SEVERN	DEPARTMENT		362,233	362,233
12	SEVERN	CCUNCIL		59,081	59,081
12	SEVERN	DEPARTMENT		21,549	21,549
12	SEVERN	CCUNCIL		18,976	18,976
12	WALGETT	CCUNCIL		14,564	14,564
12	WALGETT	DEPARTMENT		47,397	47,397
12	WALGETT	CCUNCIL		25,613	25,613
12	YALLAROI	DEPARTMENT		61,204	61,204
12	YALLAROI	CCUNCIL		7,080-	7,080-
12	YALLAROI	DEPARTMENT		23,912	23,912
12	YALLAROI	CCUNCIL		154,898	154,898
12	YALLAROI	DEPARTMENT		137,048	137,048
TOTAL	12			2,576,378	2,576,378
13	BANKSTOWN	DEPARTMENT		15,412	15,412
13	BAULKHAM HILLS	DEPARTMENT		22,993	22,993
13	FAIRFIELD	DEPARTMENT		15,412	15,412
13	HOLROYD	DEPARTMENT		428	428
13	HORNSEY	DEPARTMENT		153,280	153,280
13	PARRAMATTA	DEPARTMENT		65,069	65,069
TOTAL	13			272,594	272,594
14	BALRANALD	DEPARTMENT		567,439	567,439
14	BALRANALD	CCUNCIL		6,131	6,131
14	HAY	DEPARTMENT		499,665	499,665
14	MURRUMBIDGEE	DEPARTMENT		420,323	420,323
14	NARRANDERA	DEPARTMENT		461,065	461,065
14	WAGGA WAGGA	DEPARTMENT		26,157	26,157
14	WAGGA WAGGA	CCUNCIL		4,398	4,398
14	WAGGA WAGGA	DEPARTMENT		434,357	434,357
14	WAGGA WAGGA	CCUNCIL		37,597	37,597
14	WAKOOL	DEPARTMENT		183,512	183,512
14	WENTWORTH	DEPARTMENT		435,483	435,483
TOTAL	14			3,076,127	3,076,127
15	YARROWLUMLA	DEPARTMENT	409,244		409,244
15	YASS	DEPARTMENT	95,490		95,490

STATE ROADS SYSTEM - MAINTENANCE

			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	15		504,734		504,734
	16	BALLINA	COUNCIL	103,015	103,015
	16	CASINC	COUNCIL	29,003	29,003
	16	CASINC	DEPARTMENT	58,974	58,974
	16	CASINC	COUNCIL	21,484	21,484
	16	INVERELL	COUNCIL	1,805	1,805
	16	INVERELL	COUNCIL	375,098	375,098
	16	KYOGLE	DEPARTMENT	576,653	576,653
	16	LISMORE	COUNCIL	241,320	241,320
	16	MCREE PLAINS	COUNCIL	63,670	63,670
	16	RICHMOND RIVER	DEPARTMENT	159,561	159,561
	16	RICHMOND RIVER	COUNCIL	112,790	112,790
	16	RICHMOND RIVER	COUNCIL	38,671-	38,671-
	16	TENTERFIELD	DEPARTMENT	938,111	938,111
	16	TENTERFIELD	COUNCIL	3,223	3,223
	16	TENTERFIELD	DEPARTMENT	48,344	48,344
	16	TENTERFIELD	COUNCIL	106	106
	16	TENTERFIELD	DEPARTMENT	47,534	47,534
	16	YALLAROI	COUNCIL	34,612	34,612
TOTAL	16			2,776,632	2,776,632
	17	BERRIGAN	DEPARTMENT	141,793	141,793
	17	BLAND	DEPARTMENT	378,621	378,621
	17	COOLAMON	DEPARTMENT	231,638	231,638
	17	COONABARABRAN	DEPARTMENT	181,448	181,448
	17	DUBBO	DEPARTMENT	163,120	163,120
	17	FORBES	DEPARTMENT	9,992	9,992
	17	FORBES	COUNCIL	296,635	296,635
	17	FORBES	DEPARTMENT	3,513	3,513
	17	GILGANDRA	DEPARTMENT	252,792	252,792
	17	JERILDERRIE	DEPARTMENT	123,532	123,532
	17	MCREE PLAINS	DEPARTMENT	144,884	144,884
	17	MCREE PLAINS	COUNCIL	6,445	6,445
	17	MCREE PLAINS	DEPARTMENT	1,098,502	1,098,502
	17	NARRABRI	COUNCIL	73,582	73,582
	17	NARRABRI	DEPARTMENT	1,108,276	1,108,276
	17	NARRANDERA	DEPARTMENT	279,182	279,182
	17	NARROMINE	DEPARTMENT	713,059	713,059
	17	PARKES	DEPARTMENT	338,717	338,717
	17	URANA	DEPARTMENT	193,114	193,114
	17	WEDDIN	DEPARTMENT	59,169	59,169
TOTAL	17			5,798,014	5,798,014

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
12	BREWARRINA	CCUNCIL		4,278-	4,278-
12	BREWARRINA	DEPARTMENT		58,478	58,478
12	BREWARRINA	CCUNCIL		30,318	30,318
12	COONABRLE	DEPARTMENT		551,299	551,299
12	GILGANDRA	DEPARTMENT		173,345	173,345
12	WALGETT	DEPARTMENT		25,842	25,842
12	WALGETT	CCUNCIL		64,683	64,683
12	WALGETT	DEPARTMENT		90,188	90,188
12	WALGETT	CCUNCIL		9,471-	9,471-
12	WALGETT	DEPARTMENT		593,893	593,893
TOTAL	12			1,574,297	1,574,297
19	BOMBALA	DEPARTMENT		7,687	7,687
19	BOMBALA	CCUNCIL		188,682	188,682
19	BOMBALA	CCUNCIL		31,991	31,991
19	BOMBALA	DEPARTMENT		77,794	77,794
19	COOMA-MONARO	DEPARTMENT		563,676	563,676
19	YARROWLUMLA	DEPARTMENT		41,651	41,651
TOTAL	19			911,481	911,481
20	ALBURY	DEPARTMENT		51,832	51,832
20	BERRIGAN	DEPARTMENT		349,113	349,113
20	CONARGO	DEPARTMENT		408,193	408,193
20	COROWA	DEPARTMENT		370,480	370,480
20	DENILIKUIN	DEPARTMENT		27,929	27,929
20	DENILIKUIN	CCUNCIL		7,609	7,609
20	HUME	DEPARTMENT		294,479	294,479
TOTAL	20			1,509,635	1,509,635
21	CARRATHOOL	DEPARTMENT		38,644	38,644
21	CENTRAL DARLING	CCUNCIL		31,614	31,614
21	CENTRAL DARLING	DEPARTMENT		293,747	293,747
21	DENILIKUIN	CCUNCIL		27,779	27,779
21	DENILIKUIN	DEPARTMENT		6,445	6,445
21	DENILIKUIN	CCUNCIL		13,722	13,722
21	HAY	DEPARTMENT		341,187	341,187
21	HAY	CCUNCIL		2,651	2,651
21	HAY	DEPARTMENT		20,447	20,447
21	MURRAY	DEPARTMENT		391,543	391,543
21	WINDOURAN	DEPARTMENT		293,267	293,267
TOTAL	21			1,461,046	1,461,046

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WCRK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
22	BROKEN HILL	CCUNCIL		13,427	13,427
22	BROKEN HILL	DEPARTMENT		2,562	2,562
22	WENTWORTH	DEPARTMENT		17,607	17,607
22	WENTWORTH	CCUNCIL		17,402	17,402
22	WENTWORTH	DEPARTMENT		744,660	744,660
22	WENTWORTH	DEPARTMENT		655,645	655,645
22	WESTERN DIVISION	DEPARTMENT		1,451,303	1,451,303
TOTAL	22				
23	LAKE MACQUARIE	CCUNCIL		16,113	16,113
23	NEWCASTLE	CCUNCIL		39,273	39,273
TOTAL	23			55,386	55,386
25	SHELLHARBOUR	DEPARTMENT		440,134	440,134
25	WINGECARRIBEE	DEPARTMENT		563,326	563,326
TOTAL	25			1,003,460	1,003,460
26	GOSFORD	DEPARTMENT	180,782		180,782
26	WYONG	DEPARTMENT	30,907	4,671	35,578
TOTAL	26		211,689	4,671	216,360
TOTAL STATE HIGHWAYS			15,238,466	58,311,816	73,550,282

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TRUNK ROADS					
	51	EURORODALLA	CCUNCIL	184,913	184,913
	51	QUEANBEYAN	CCUNCIL	39,199	39,199
	51	QUEANBEYAN	DEPARTMENT	26,137	26,137
	51	TALLAGANDA	DEPARTMENT	28,708	28,708
	51	TALLAGANDA	CCUNCIL	155,605	155,605
	51	YARROWLUMLA	CCUNCIL	52,943	52,943
TOTAL	51			487,505	487,505
	52	CROOKWELL	CCUNCIL	28,656	28,656
	52	GUNNING	CCUNCIL	88,930	88,930
	52	GUNNING	DEPARTMENT	698	698
	52	QUEANBEYAN	CCUNCIL	9,184	9,184
	52	YARROWLUMLA	CCUNCIL	32,427	32,427
	52	YASS	CCUNCIL	18,614	18,614
TOTAL	52			178,509	178,509
	54	BATHURST	CCUNCIL	82,283	82,283
	54	CROOKWELL	CCUNCIL	120,164	120,164
	54	EVANS	CCUNCIL	220,747	220,747
	54	EVANS	DEPARTMENT	3,882	3,882
	54	EVANS	CCUNCIL	10,280	10,280
	54	EVANS	DEPARTMENT	2,359	2,359
	54	GOULBURN	CCUNCIL	2,578	2,578
	54	MULWAREE	CCUNCIL	50,630	50,630
	54	RYLSTONE	CCUNCIL	125,249	125,249
TOTAL	54			618,172	618,172
	55	COOLAH	CCUNCIL	258,122	258,122
	55	COONABRABRAN	CCUNCIL	41,206	41,206
	55	GREATER LITHGOW	DEPARTMENT	399,329	399,329
	55	MUDGE	CCUNCIL	140,182	140,182
	55	RYLSTONE	CCUNCIL	244,096	244,096
TOTAL	55			1,082,935	1,082,935
	56	BOOROWA	CCUNCIL	109,294	109,294
	56	COWRA	CCUNCIL	52,834	52,834
	56	FORBES	CCUNCIL	104,881	104,881
	56	FORBES	DEPARTMENT	19,103	19,103
	56	YASS	COUNCIL	52,237	52,237

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	56			338,349	338,349
	57	BLAND	COUNCIL	164,374	164,774
	57	POGAN	COUNCIL	31,367	31,367
	57	FORBES	COUNCIL	21,484	21,484
	57	JUNEE	COUNCIL	144,768	144,768
	57	LACHLAN	DEPARTMENT	347	347
	57	LACHLAN	COUNCIL	221,566	221,566
	57	TEMORA	COUNCIL	65,013	65,013
TOTAL	57			698,919	698,919
	59	JERILDERIE	COUNCIL	9,919	9,919
	59	LOCKHART	COUNCIL	114,498	114,498
	59	URANA	COUNCIL	50,973	50,973
	59	WAGGA WAGGA	COUNCIL	11,550	11,550
TOTAL	59			186,940	186,940
	61	BOGAN	COUNCIL	30,008	30,008
	61	CABONNE	COUNCIL	143,258	143,258
	61	CCBAR	COUNCIL	140,516	140,516
	61	FORBES	COUNCIL	21,484	21,484
	61	LACHLAN	COUNCIL	131,799	131,799
	61	ORANGE	COUNCIL	11,017	11,017
	61	PARKES	COUNCIL	143,525	143,525
TOTAL	61			621,607	621,607
	62	COLLIM	COUNCIL	68,963	68,963
	62	MERRIWA	COUNCIL	28,510	28,510
	62	MERRIWA	COUNCIL	25,033	25,033
	62	SCONE	COUNCIL	65,310	65,310
TOTAL	62			197,750	197,750
	63	BARRABA	COUNCIL	89,860	89,860
	63	BARRABA	DEPARTMENT	126,110	126,110
	63	BINGARA	COUNCIL	104,286	104,286
	63	BINGARA	DEPARTMENT	971	971
	63	INVERELL	COUNCIL	49,264	49,264
	63	MANILLA	COUNCIL	114,260	114,260
	63	MANILLA	COUNCIL	6,099	6,099
	63	PARRY	COUNCIL	96,220	96,220

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	63	TAMWORTH	COUNCIL	9,116	9,116
	63	YALLAROI	COUNCIL	145,885	145,885
	67			742,071	742,071
TOTAL	65	BYRON	COUNCIL	122,965	122,965
	65	LISMORE	COUNCIL	131,841	131,841
	65			254,806	254,806
TOTAL	66	BROKEN HILL	DEPARTMENT	1,814	1,814
	66	BROKEN HILL	COUNCIL	12,552	12,552
	66	CENTRAL DARLING	COUNCIL	4,565	4,565
	66	WESTERN DIVISION	DEPARTMENT	397,878	397,878
	66			416,809	416,809
TOTAL	67	BALRANALD	COUNCIL	268,828	268,828
	67	CENTRAL DARLING	COUNCIL	1,074	1,074
	67	CENTRAL DARLING	COUNCIL	19,110	19,110
	67	WAKOOL	COUNCIL	96,902	96,902
	67	WAKOOL	COUNCIL	15,039	15,039
	67			400,953	400,953
TOTAL	68	BOURKE	COUNCIL	243,484	243,484
	68	BREWARRINA	COUNCIL	80,078	80,078
	68	BREWARRINA	DEPARTMENT	22,213	22,213
	68	BREWARRINA	COUNCIL	10,742	10,742
	68	CENTRAL DARLING	DEPARTMENT	928	928
	68	CENTRAL DARLING	COUNCIL	15,039	15,039
	68	CENTRAL DARLING	COUNCIL	309,754	309,754
	68	COBAR	COUNCIL	219,598	219,598
	68	WALGETT	COUNCIL	14,131	14,131
	68	WALGETT	DEPARTMENT	60,342	60,342
	68	WALGETT	COUNCIL	237,257	237,257
	68	WENTWORTH	COUNCIL	165,791	165,791
	68	WENTWORTH	DEPARTMENT	202	202
	68	WENTWORTH	COUNCIL	26,433	26,433
	68	WENTWORTH	DEPARTMENT	43	43
	68			1,406,035	1,406,035
TOTAL	70	BOGAN	COUNCIL	32,310	32,310
	70	BREWARRINA	COUNCIL	345,316	345,316

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	70	BREWARRINA	DEPARTMENT	93,987	93,987
	70			471,613	471,613
TOTAL	72	GUNNEDAH	COUNCIL	384,298	384,298
	72	MURRUPUNDI	COUNCIL	1,032	1,032
	72	NARRAERI	COUNCIL	212,201	212,201
	72	QUIRINDI	COUNCIL	98,735	98,735
	72			696,266	696,266
TOTAL	73	GUYPA	COUNCIL	56,680	56,680
	73	INVERELL	COUNCIL	5,447	5,447
	73	URALLA	COUNCIL	289,862	289,862
	73	URALLA	COUNCIL	19,432	19,432
	73	WALCHA	COUNCIL	30,311	30,311
	73			401,732	401,732
TOTAL	74	ARMIDALE	COUNCIL	7,299	7,299
	74	DUMARESO	COUNCIL	329,935	329,935
	74	GRAFTON	COUNCIL	21,366	21,366
	74	NYMBOIDA	COUNCIL	264,673	264,673
	74	NYMBOIDA	DEPARTMENT	1,258	1,258
	74	ULMARRA	COUNCIL	46,040	46,040
TOTAL	74			670,571	670,571
TOTAL	75	DUMARESO	COUNCIL	69,877	69,877
	75	KEMPSEY	DEPARTMENT	4,339	4,339
	75	KEMPSEY	COUNCIL	159,907	159,907
	75			234,123	234,123
TOTAL	76	BELLINGEN	COUNCIL	444,124	444,124
	76	NYMBOIDA	COUNCIL	44,606	44,606
	76			488,730	488,730
TOTAL	77	COOLAH	COUNCIL	101,296	101,296
	77	GILGANDRA	COUNCIL	10,351	10,351
	77	GILGANDRA	COUNCIL	64,882	64,882
	77			155,827	155,827

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
	79 ALBURY	CCUNCIL		10,151	10,151
	79 COOTAMUNDRA	CCUNCIL		137,656	137,656
	79 COWRA	CCUNCIL		39,467	39,467
	79 CULCAIRN	CCUNCIL		63,059	63,059
	79 HARDEN	CCUNCIL		39,503	39,503
	79 HUME	CCUNCIL		37,654	37,654
	79 JUNEES	CCUNCIL		98,387	98,387
	79 LOCKHART	CCUNCIL		69,404	69,404
	79 MOREE PLAINS	CCUNCIL		10,054	10,054
	79 WAGGA WAGGA	CCUNCIL		185,309	185,309
	79 WAGGA WAGGA	DEPARTMENT		30,651	30,651
	79 WAGGA WAGGA	CCUNCIL		23,677	23,677
	79 YOUNG	CCUNCIL		184,278	184,278
TOTAL	79			929,250	929,250
	79 GOULBURN	DEPARTMENT		2,973	2,973
	79 GOULBURN	CCUNCIL		3,008	3,008
	79 MULWAREE	CCUNCIL		74,829	74,829
	79 MULWAREE	DEPARTMENT		23,935	23,935
	79 TALLAGANDA	CCUNCIL		42,207	42,207
TOTAL	79			146,952	146,952
	80 CARRATHOOL	CCUNCIL		245,331	245,331
	80 CARRATHOOL	DEPARTMENT		44,552	44,552
	80 CENTRAL DARLING	CCUNCIL		1,418	1,418
	80 GRIFFITH	CCUNCIL		209,270	209,270
	80 LEETON	CCUNCIL		198,941	198,941
	80 NARRANDERA	CCUNCIL		9,089	9,089
TOTAL	80			708,601	708,601
	81 BROKEN HILL	CCUNCIL		16,328	16,328
	81 WESTERN DIVISION	DEPARTMENT		141,251	141,251
TOTAL	81			157,579	157,579
	82 NEWCASTLE	CCUNCIL		9,619	9,619
TOTAL	82			9,619	9,619
	83 CASINO	CCUNCIL		81,223	81,223
	83 COPMANHURST	CCUNCIL		285,950	285,950
	83 GRAFTON	CCUNCIL		28,187	28,187

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
	83	GRAFTON	COUNCIL	1,110	1,110
	83	GRAFTON	DEPARTMENT	147,772	147,772
	83	KYOGLE	COUNCIL	490,124	490,124
	83	RICHMOND RIVER	COUNCIL	216,974	216,974
TOTAL	83			1,251,340	1,251,340
	84	COOTAMUNDRA	COUNCIL	91,060	91,060
	84	HARDEN	COUNCIL	75,678	75,678
	84	TEMORA	COUNCIL	34,867	34,867
	84	YASS	COUNCIL	104,480	104,480
TOTAL	84			306,085	306,085
	85	HOLBROOK	COUNCIL	8,547	8,547
	85	TUMBARUMBA	COUNCIL	114,112	114,112
	85	TUMUT	COUNCIL	129,471	129,471
TOTAL	85			252,130	252,130
	86	COROWA	COUNCIL	12,287	12,287
	86	COOWA	DEPARTMENT	90,388	90,388
	86	COOWA	COUNCIL	3,424	3,424
TOTAL	86			99,241	99,241
	87	COOTAMUNDRA	COUNCIL	84,832	84,832
	87	GUNDAGAI	COUNCIL	55,977	55,977
TOTAL	87			140,809	140,809
	89	NARROMINE	COUNCIL	62,004	62,004
TOTAL	89			62,004	62,004
	90	GLOUCESTER	COUNCIL	73,905	73,905
	90	GREAT LAKES	COUNCIL	238,889	238,889
	90	GREATER TAREE	COUNCIL	181,823	181,823
	90	PORT STEPHENS	COUNCIL	16,234	16,234
TOTAL	90			510,851	510,851
	91	BEGA VALLEY	COUNCIL	217,697	217,697

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
	91	BOMBALA	COUNCIL	1,505	1,505
	91	BOMBALA	COUNCIL	40,690	40,690
TOTAL	91			259,892	259,892
	92	SHOALHAVEN	COUNCIL	78,423	78,423
	92	TALLAGANDA	COUNCIL	2,417	2,417
	92	TALLAGANDA	DEPARTMENT	24,061	24,061
	92	TALLAGANDA	COUNCIL	97,679	97,679
TOTAL	92			202,580	202,580
	93	BOMBALA	COUNCIL	61,648	61,648
TOTAL	93			61,648	61,648
	94	DENILIGUIN	COUNCIL	8,692	8,692
	94	MURRAY	COUNCIL	68,936	68,936
	94	WAKOOL	COUNCIL	157,047	157,047
	94	WAKOOL	DEPARTMENT	5,978	5,978
	94	WAKOOL	COUNCIL	1,116	1,116
	94	WAKOOL	DEPARTMENT	29,970	29,970
TOTAL	94			271,745	271,745
	95	WOLLONDILLY	DEPARTMENT	3,196	3,196
	95	WOLLONDILLY	COUNCIL	109,213	109,213
	95	WOLLONGONG	DEPARTMENT	260,871	260,871
TOTAL	95			393,285	393,285
TOTAL TRUNK ROADS				16,513,833	16,513,833

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
MAIN ROADS					
101	DUNGOO	CCOUNCIL		76,574	76,574
101	DUNGOO	DEPARTMENT		20,065	20,065
101	GREAT LAKES	CCOUNCIL		1,919	1,919
101	GREAT LAKES	DEPARTMENT		33,431	33,431
101	GREAT LAKES	CCOUNCIL		14,122	14,122
101	MAITLAND	DEPARTMENT		4,671	4,671
101	MAITLAND	CCOUNCIL		85,068	85,068
TOTAL	101			235,850	235,850
102	MAITLAND	CCOUNCIL		70,732	70,732
102	MAITLAND	DEPARTMENT		32,690	32,690
102	PORT STEPHENS	CCOUNCIL		45,826	45,826
TOTAL	102			149,248	149,248
104	MAITLAND	DEPARTMENT		4,671	4,671
104	MAITLAND	COUNCIL		91,633	91,633
104	PORT STEPHENS	DEPARTMENT		4,671	4,671
104	PORT STEPHENS	COUNCIL		6,342	6,342
TOTAL	104			107,317	107,317
105	NUNDLE	CCOUNCIL		71,863	71,863
105	PARRY	CCOUNCIL		81,639	81,639
105	SCONE	COUNCIL		75,580	75,580
105	SCONE	DEPARTMENT		10,895	10,895
105	SCONE	CCOUNCIL		93,090	93,090
105	TAMWORTH	COUNCIL		82,713	82,713
TOTAL	105			415,791	415,791
106	NUNDLE	COUNCIL		39,703	39,703
TOTAL	106			39,703	39,703
108	NEWCASTLE	DEPARTMENT		47,131	47,131
108	NEWCASTLE	CCOUNCIL		132,718	132,718
108	PORT STEPHENS	CCOUNCIL		186,594	186,594
TOTAL	108			366,443	366,443

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CAPRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 109	GREATER TAREE	COUNCIL		127,638	127,638
				127,638	127,638
TOTAL 110	GREAT LAKES	COUNCIL		32,137	32,137
				32,137	32,137
	111 GREAT LAKES	COUNCIL		227,098	227,098
	111 GREAT LAKES	DEPARTMENT		68,834	68,834
	111 GREAT LAKES	COUNCIL		6,362	6,362
TOTAL 111	GREATER TAREE	COUNCIL		14,662	14,662
				304,232	304,232
	112 GREATER TAREE	DEPARTMENT		1,389	1,389
	112 GREATER TAREE	COUNCIL		59,763	59,763
	112 HASTINGS	COUNCIL		46,079	46,079
TOTAL 112				107,231	107,231
TOTAL 117	GRAFTON	COUNCIL		366	366
				366	366
	118 BELLINGEN	COUNCIL		16,164	16,164
	118 NAMBUCCA	COUNCIL		98,590	98,590
TOTAL 118				114,754	114,754
	119 BELLINGEN	COUNCIL		52,313	52,313
	119 NYMBOWDA	COUNCIL		10,970	10,970
TOTAL 119				63,283	63,283
	120 BELLINGEN	COUNCIL		62,320	62,320
	120 COFFS HARBOUR	COUNCIL		58,141	58,141
TOTAL 120				120,461	120,461
	124 ARMIDALE	COUNCIL		2,106	2,106
	124 URALLA	COUNCIL		34,767	34,767

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 124				36,873	36,873
125	ALBURY	COUNCIL		25,039	25,039
125	CULCAIRN	COUNCIL		43,779	43,779
125	HUME	COUNCIL		69,631	69,631
125	URANA	COUNCIL		68,913	68,913
TOTAL 125				207,262	207,262
126	QUIRINDI	COUNCIL		106,244	106,244
TOTAL 126				106,244	106,244
127	NARRAPRI	COUNCIL		560,829	560,829
TOTAL 127				560,829	560,829
128	DUNGOE	DEPARTMENT		23,560	23,560
128	DUNGOE	COUNCIL		121,679	121,679
128	SINGLETON	COUNCIL		44,643	44,643
128	SINGLETON	DEPARTMENT		11,261	11,261
TOTAL 128				201,143	201,143
129	COONAFARABERAN	COUNCIL		185,053	185,053
129	COONAMBLE	COUNCIL		164,224	164,224
129	QUIRINDI	COUNCIL		29,454	29,454
TOTAL 129				378,731	378,731
130	PARRY	COUNCIL		221,988	221,988
130	QUIRINDI	COUNCIL		109,352	109,352
130	TAMWORTH	COUNCIL		19,772-	19,772-
TOTAL 130				311,568	311,568
131	COGROWA	COUNCIL		35,242	35,242
131	URANA	COUNCIL		40,898	40,898
TOTAL 131				76,140	76,140

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
132	BARRABA	COUNCIL		153,421	153,421
132	URALLA	COUNCIL		14,824	14,824
TOTAL 132				168,245	168,245
133	BINGARA	COUNCIL		95,512	95,512
TOTAL 133				95,512	95,512
134	BINGARA	COUNCIL		52,109	52,109
134	INVERELL	COUNCIL		150,199	150,199
TOTAL 134				202,308	202,308
135	DUMARESQ	COUNCIL		24,382	24,382
135	GUYRA	COUNCIL		151,170	151,170
135	INVERELL	COUNCIL		35,001	35,001
TOTAL 135				210,553	210,553
136	INVERELL	COUNCIL		65,514	65,514
136	SEVERN	COUNCIL		156,379	156,379
TOTAL 136				221,893	221,893
137	INVERELL	COUNCIL		172,941	172,941
137	INVERELL	DEPARTMENT		107,088	107,088
137	INVERELL	COUNCIL		3,303	3,303
TOTAL 137				283,332	283,332
138	INVERELL	COUNCIL		21,522	21,522
TOTAL 138				21,522	21,522
139	HORNSEY	DEPARTMENT		46,870	46,870
139	PARRAPATTA	DEPARTMENT		5,907	5,907
TOTAL 139				52,777	52,777
141	KYOGLE	COUNCIL		131,669	131,669
141	LISMORE	COUNCIL		75,507	75,507

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		TOTAL
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	
			\$	\$	\$
141	TWEED	COUNCIL		42,447	42,447
TOTAL 141				249,623	249,623
142	LISMORE	COUNCIL		107,946	107,946
142	TWEED	COUNCIL		168,165	168,165
TOTAL 142				276,111	276,111
143	TWEED	COUNCIL		68,979	68,979
TOTAL 143				68,979	68,979
145	RICHMOND RIVER	COUNCIL		78,384	78,384
TOTAL 145				78,384	78,384
146	BALLINA	COUNCIL		94,987	94,987
146	LISMORE	COUNCIL		52,230	52,230
TOTAL 146				147,217	147,217
147	LISMORE	COUNCIL		75,229	75,229
TOTAL 147				75,229	75,229
148	LISMORE	COUNCIL		82,182	82,182
148	RICHMOND RIVER	DEPARTMENT		40,819	40,819
148	RICHMOND RIVER	COUNCIL		2,647	2,647
TOTAL 148				125,648	125,648
149	CASINO	COUNCIL		5,420	5,420
149	LISMORE	COUNCIL		9,460	9,460
149	RICHMOND RIVER	DEPARTMENT		231,007	231,007
149	RICHMOND RIVER	COUNCIL		154,808	154,808
TOTAL 149				400,695	400,695
150	COPMANHURST	DEPARTMENT		11,683	11,683
150	COPMANHURST	COUNCIL		243,153	243,153
150	KYOGLE	COUNCIL		48,798	48,798

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	150			303,634	303,634
	151	COFFS HARBOUR	CCOUNCIL	147,948	147,948
	151	COFFS HARBOUR	DEPARTMENT	60,700	60,700
	151	COPMANHURST	CCOUNCIL	39,457	39,457
	151	GRAFTON	CCOUNCIL	2,511	2,511
	151	MACLEAN	CCOUNCIL	43,290	43,290
	151	MACLEAN	DEPARTMENT	5,579	5,579
	151	ULMARRA	CCOUNCIL	102,771	102,771
TOTAL	151			402,256	402,256
	152	MACLEAN	CCOUNCIL	171,871	171,871
	152	MACLEAN	DEPARTMENT	9,673	9,673
	152	MACLEAN	CCOUNCIL	122,458	122,458
	152	MACLEAN	DEPARTMENT	22,338	22,338
	152	MACLEAN	CCOUNCIL	62,327	62,327
TOTAL	152			388,667	388,667
	153	RICHMOND RIVER	CCOUNCIL	31,766	31,766
TOTAL	153			31,766	31,766
	154	CAMDEN	CCOUNCIL	128,574	128,574
	154	HAWKESBURY	DEPARTMENT	36,331	36,331
	154	LIVERPOOL	CCOUNCIL	102,932	102,932
	154	PENRITH	DEPARTMENT	384,140	384,140
TOTAL	154			651,977	651,977
	155	HAWKESBURY	DEPARTMENT	175,831	175,831
	155	PENRITH	CCOUNCIL	382,954	382,954
	155	PENRITH	DEPARTMENT	12,096	12,096
TOTAL	155			570,881	570,881
	156	BAULKHAM HILLS	CCOUNCIL	23,747	23,747
TOTAL	156			23,747	23,747
	157	BAULKHAM HILLS	CCOUNCIL	14,184	14,184

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT FY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 157				14,184	14,184
158	PARRAMATTA	DEPARTMENT		40,383	40,383
TOTAL 158				40,383	40,383
159	MANLY	COUNCIL		73,309	73,309
159	WARRINGAH	DEPARTMENT		8,138	8,138
TOTAL 159				81,447	81,447
160	BAULKHAM HILLS	COUNCIL		345,429	345,429
TOTAL 160				345,429	345,429
161	HORNSEY	COUNCIL		97,486	97,486
TOTAL 161				97,486	97,486
162	KU-RING-GAI	DEPARTMENT		261,105	261,105
162	RYDE	DEPARTMENT		36,866	36,866
162	WARRINGAH	DEPARTMENT		361,165	361,165
TOTAL 162				659,136	659,136
163	HAWKESBURY	DEPARTMENT		70	70
TOTAL 163				70	70
164	MANLY	DEPARTMENT		171,269	171,269
164	MOSMAN	DEPARTMENT		176,273	176,273
164	NORTH SYDNEY	DEPARTMENT		75,052	75,052
164	NORTH SYDNEY	COUNCIL		104,893	104,893
164	WARRINGAH	COUNCIL		128,049	128,049
164	WARRINGAH	DEPARTMENT		645,909	645,909
TOTAL 164				1,301,445	1,301,445
165	DRUMMCYNE	DEPARTMENT		355,365	355,365
165	HUNTERS HILL	DEPARTMENT		80,455	80,455
165	LEICHHARDT	DEPARTMENT		524,124	524,124

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
165	PARRAMATTA	DEPARTMENT		100,038	100,038
165	SYDNEY	DEPARTMENT		247,325	247,325
165	SYDNEY	CCUNCIL		4,664	4,664
TOTAL 165				1,311,971	1,311,971
166	HUNTERS HILL	DEPARTMENT		95,034	95,034
166	LANE COVE	DEPARTMENT		36,585	36,585
TOTAL 166				131,619	131,619
167	BANKSTOWN	DEPARTMENT		137,470	137,470
167	CAMPBELL TOWN	DEPARTMENT		5,907	5,907
167	CANTERBURY	DEPARTMENT		548,668	548,668
167	LIVERPOOL	DEPARTMENT		498,625	498,625
TOTAL 167				1,190,670	1,190,670
168	HURSTVILLE	CCUNCIL		41,797	41,797
168	ROCKDALE	DEPARTMENT		139,042	139,042
168	ROCKDALE	CCUNCIL		22,316	22,316
TOTAL 168				203,155	203,155
169	ROCKDALE	CCUNCIL		15,566	15,566
TOTAL 169				15,566	15,566
170	ROCTANY	DEPARTMENT		98,725	98,725
170	RANDWICK	DEPARTMENT		29,037	29,037
170	SYDNEY	DEPARTMENT		42,103	42,103
170	SYDNEY	CCUNCIL		7,612	7,612
TOTAL 170				177,477	177,477
171	ROCTANY	DEPARTMENT		13,350	13,350
171	RANDWICK	DEPARTMENT		25,723	25,723
171	RANDWICK	CCUNCIL		13,079	13,079
171	SYDNEY	CCUNCIL		15,639	15,639
TOTAL 171				67,791	67,791
172	SYDNEY	CCUNCIL		4,327	4,327

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
172	WAVERLEY	COUNCIL		29,513	29,513
172	WOOLLAHRA	CCUNCIL		56,806	56,806
172	WOOLLAHRA	DEPARTMENT		33,927	33,927
TOTAL 172				124,573	124,573
173	INVERELL	COUNCIL		3,223	3,223
173	SYDNEY	DEPARTMENT		192,483	192,483
173	SYDNEY	CCUNCIL		6,976	6,976
173	SYDNEY	DEPARTMENT		11,363	11,363
173	SYDNEY	COUNCIL		5,113	5,113
173	WOOLLAHRA	CCUNCIL		107,926	107,926
TOTAL 173				327,054	327,054
174	WARRINGAH	COUNCIL		262,231	262,231
174	WARRINGAH	DEPARTMENT		23,320	23,320
TOTAL 174				285,551	285,551
176	EVANS	COUNCIL		5,049	5,049
TOTAL 176				5,049	5,049
177	CAMPBELLTOWN	DEPARTMENT		53,163	53,163
177	LIVERPOOL	DEPARTMENT	2,736	336,000	338,736
177	WOLLONDILLY	CCUNCIL		200,148	200,148
177	WOLLONGONG	DEPARTMENT		353,311	353,311
TOTAL 177			2,736	942,622	945,358
178	CAMDEN	COUNCIL		706-	706-
178	CAMDEN	DEPARTMENT		17,721	17,721
178	CAMDEN	COUNCIL		909	909
178	CAMDEN	DEPARTMENT		11,814	11,814
178	CAMDEN	CCUNCIL		31,924	31,924
178	CAMPBELLTOWN	DEPARTMENT		87,907	87,907
TOTAL 178				149,569	149,569
179	CAMPBELLTOWN	COUNCIL		14,304	14,304
179	CAMPBELLTOWN	DEPARTMENT		5,907	5,907
179	CAMPBELLTOWN	CCUNCIL		241,016	241,016
179	WOLLONDILLY	COUNCIL		117,599	117,599

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 179				378,826	378,826
131	BAULKHAM HILLS	DEPARTMENT		162,589	162,589
131	GREATER CESSNOCK	COUNCIL		122,315	122,315
131	HAWKESBURY	COUNCIL		9,511	9,511
131	HAWKESBURY	COUNCIL		9,943	9,943
131	HAWKESBURY	COUNCIL		257,149	257,149
131	HAWKESBURY	DEPARTMENT		80,784	80,784
131	HAWKESBURY	COUNCIL		103,230	103,230
131	HAWKESBURY	DEPARTMENT		81,192	81,192
131	HORNSEY	DEPARTMENT		2,299	2,299
131	SINGLETON	COUNCIL		37,652	37,652
TOTAL 131				866,664	866,664
132	BAULKHAM HILLS	COUNCIL		6,048	6,048
132	HAWKESBURY	COUNCIL		38,934	38,934
132	HAWKESBURY	COUNCIL		7,280	7,280
132	HAWKESBURY	DEPARTMENT		43,330	43,330
132	HAWKESBURY	COUNCIL		99,309	99,309
132	HAWKESBURY	COUNCIL		42,067	42,067
132	HAWKESBURY	DEPARTMENT		31,319	31,319
TOTAL 132				268,287	268,287
133	BGTANY	DEPARTMENT		19,502	19,502
133	MARRICKVILLE	DEPARTMENT		5,461	5,461
133	RANDWICK	DEPARTMENT		5,461	5,461
133	SYDNEY	DEPARTMENT		11,701	11,701
TOTAL 133				42,125	42,125
134	BAULKHAM HILLS	DEPARTMENT		558,206	558,206
134	BLUE MOUNTAINS	DEPARTMENT		436,579	436,579
134	HAWKESBURY	DEPARTMENT		915,952	915,952
134	PARRAMATTA	DEPARTMENT		22,623	22,623
TOTAL 134				1,933,360	1,933,360
135	WOLLONGONG	DEPARTMENT		495,434	495,434
TOTAL 135				495,434	495,434

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
186	WOLLONGONG	COUNCIL		146,320	146,320
TOTAL 186				146,320	146,320
187	INVERELL	COUNCIL		145,740	145,740
TOTAL 187				145,740	145,740
188	NEWCASTLE	COUNCIL		28,539	28,539
TOTAL 188				28,539	28,539
189	TENTERFIELD	COUNCIL		8,483	8,483
TOTAL 189				8,483	8,483
190	AUBURN	COUNCIL		39,757	39,757
190	BANKSTOWN	DEPARTMENT		55,129	55,129
TOTAL 190				94,886	94,886
191	RYDE	COUNCIL		43,840	43,840
191	RYDE	DEPARTMENT		211	211
191	RYDE	COUNCIL		11,460	11,460
191	WILLOUGHBY	DEPARTMENT		211	211
191	WILLOUGHBY	COUNCIL		67,645	67,645
TOTAL 191				123,367	123,367
192	GREATER TAREE	COUNCIL		52,558	52,558
TOTAL 192				52,558	52,558
193	SYDNEY	COUNCIL		4,841	4,841
TOTAL 193				4,841	4,841
194	BCTANY	DEPARTMENT		183,288	183,288
194	ROCKDALE	DEPARTMENT		632,134	632,134
TOTAL 194				815,422	815,422

STATE ROADS SYSTEM - MAINTENANCE

			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	195	GREATER CRESSNOCK	COUNCIL	70,683	70,683
	195			70,683	70,683
TOTAL	197	HUME	COUNCIL	2,373	2,373
	197	HUME	DEPARTMENT	28,707	28,707
	197			31,080	31,080
TOTAL	198	KEMPSEY	DEPARTMENT	6,411	6,411
	198	KEMPSEY	COUNCIL	148,372	148,372
	198			154,783	154,783
TOTAL	199	KOGARAH	DEPARTMENT	151,713	151,713
	199	ROCKDALE	DEPARTMENT	272,486	272,486
	199	SUTHERLAND	DEPARTMENT	13,775	13,775
	199	SUTHERLAND	COUNCIL	90,377	90,377
	199			528,351	528,351
TOTAL	200	CONCORD	COUNCIL	76,828	76,828
	200	CONCORD	DEPARTMENT	13,886	13,886
	200	CONCORD	COUNCIL	3,637	3,637
	200	RYDE	DEPARTMENT	13,836	13,836
	200			108,237	108,237
TOTAL	202	COONAMBLE	COUNCIL	31,578	31,578
	202	WARREN	COUNCIL	115,617	115,617
	202			147,195	147,195
TOTAL	204	BOGGAN	COUNCIL	97,148	97,148
	204	WARREN	COUNCIL	13,981	13,981
	204			111,129	111,129
TOTAL	205	COONAMBLE	COUNCIL	18,214	18,214
	205	COONAMBLE	COUNCIL	257,787	257,787
	205	GILGANDRA	COUNCIL	56,878	56,878
	205			332,879	332,879

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
206	COOLAH	COUNCIL		13,086	13,086
206	DUBBO	COUNCIL		111,452	111,452
206	WELLINGTON	COUNCIL		22,688	22,688
TOTAL 206				147,226	147,226
208	MUDGEES	COUNCIL		130,431	130,431
208	MUDGEES	DEPARTMENT		364	364
208	MUSWELLBROOK	COUNCIL		195,248	195,248
208	MUSWELLBROOK	DEPARTMENT		110,773	110,773
208	RYLSTONE	COUNCIL		23,003	23,003
TOTAL 208				459,819	459,819
209	MERRIWA	COUNCIL		43,971	43,971
209	MUSWELLBROOK	COUNCIL		180,342	180,342
209	MUSWELLBROOK	DEPARTMENT		7,343	7,343
TOTAL 209				231,656	231,656
211	CULCAIRN	COUNCIL		8,042	8,042
211	HOLDROCK	COUNCIL		27,793	27,793
211	WAGGA WAGGA	COUNCIL		86,942	86,942
TOTAL 211				122,777	122,777
213	MUSWELLBROOK	COUNCIL		104,173	104,173
213	SINGLETON	COUNCIL		92,912	92,912
TOTAL 213				197,085	197,085
214	MERRIWA	COUNCIL		49,808	49,808
214	MUDGEES	COUNCIL		37,069	37,069
TOTAL 214				86,877	86,877
215	RYLSTONE	COUNCIL		122,340	122,340
TOTAL 215				122,340	122,340
216	EVANS	COUNCIL		64,559	64,559
216	MUDGEES	COUNCIL		174,631	174,631

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 216				239,190	239,190
217	LAKE MACQUARIE	COUNCIL		251,570	251,570
217	LAKE MACQUARIE	DEPARTMENT		29,659	29,659
217	NEWCASTLE	COUNCIL		71,051	71,051
217	WYONG	COUNCIL		70,132	70,132
TOTAL 217				422,412	422,412
218	GREATER CESSNOCK	COUNCIL		194,566	194,566
218	GREATER CESSNOCK	DEPARTMENT		27,398	27,398
218	MAITLAND	COUNCIL		64,565	64,565
TOTAL 218				286,529	286,529
220	GREATER CESSNOCK	COUNCIL		111,394	111,394
220	LAKE MACQUARIE	COUNCIL		77,845	77,845
220	SINGLETON	COUNCIL		36,538	36,538
220	SINGLETON	DEPARTMENT		3,535	3,535
TOTAL 220				229,312	229,312
222	WAKOOL	COUNCIL		18,125	18,125
222	WAKOOL	DEPARTMENT		162,783	162,783
TOTAL 222				180,908	180,908
223	GREATER CESSNOCK	COUNCIL		38,313	38,313
223	LAKE MACQUARIE	COUNCIL		67,215	67,215
223	NEWCASTLE	COUNCIL		13,112	13,112
TOTAL 223				118,640	118,640
225	GOSFORD	COUNCIL		273,715	273,715
225	HAWKESBURY	COUNCIL		355,290	355,290
TOTAL 225				629,005	629,005
226	BERRIGAN	DEPARTMENT		4,297	4,297
226	BERRIGAN	COUNCIL		526	526
TOTAL 226				4,823	4,823

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 227	SUTHERLAND	COUNCIL		45,557	45,557
				45,557	45,557
TOTAL 228	BOGAN COBAR	COUNCIL COUNCIL		71,599	71,599
				12,652	12,652
				84,251	84,251
TOTAL 230	LACHLAN	COUNCIL		209,494	209,494
				209,494	209,494
TOTAL 231	BLAND LACHLAN	COUNCIL COUNCIL		61,236	61,236
				6,574-	6,574-
				54,662	54,662
TOTAL 232	MCREE PLAINS MCREE PLAINS	COUNCIL DEPARTMENT		225,710	225,710
				17,794	17,794
				243,504	243,504
TOTAL 233	CABONNE MUDGEE MUDGEE MUDGEE PARKES WELLINGTON	COUNCIL COUNCIL DEPARTMENT COUNCIL COUNCIL COUNCIL		68,007	68,007
				4,427	4,427
				98,522	98,522
				31,135	31,135
				49,131	49,131
				144,467	144,467
				395,689	395,689
TOTAL 234	CABONNE PARKES	COUNCIL COUNCIL		62,777	62,777
				12,614	12,614
				75,391	75,391
TOTAL 235	COOTAMUNDRA	COUNCIL		24,029	24,029
				24,029	24,029
	236	FORBES	COUNCIL	15,952	15,952

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 236	236 WEDDIN	COUNCIL		17,508	17,508
	236			33,460	33,460
TOTAL 237	237 CABONNE	COUNCIL		88,933	88,933
	237 COWRA	DEPARTMENT		903	903
	237 ORANGE	COUNCIL		18,367	18,367
	237 WEDDIN	COUNCIL		47,745	47,745
	237			155,948	155,948
TOTAL 238	238 CABONNE	COUNCIL		47,082	47,082
	238 PARKES	COUNCIL		9,503	9,503
	238			56,585	56,585
TOTAL 239	239 WEDDIN	COUNCIL		49,337	49,337
	239 YOUNG	COUNCIL		31,187	31,187
	239			80,524	80,524
TOTAL 240	240 COOLAMON	COUNCIL		115,046	115,046
	240 WAGGA WAGGA	COUNCIL		61,295	61,295
	240			176,341	176,341
TOTAL 241	241 BOOROWA	COUNCIL		85,298	85,298
	241 GUNNING	COUNCIL		67,841	67,841
	241 TEMORA	COUNCIL		77,468	77,468
	241 YOUNG	COUNCIL		100,855	100,855
	241			331,462	331,462
TOTAL 243	243 COOLAMON	COUNCIL		42,729	42,729
	243 GUNDAGAI	COUNCIL		149,817	149,817
	243 JUNE	COUNCIL		77,425	77,425
	243 NARRANDERA	COUNCIL		30,226	30,226
	243			300,197	300,197
TOTAL 244	244 CARRATHOOL	COUNCIL		30,292	30,292
	244 CARRATHOOL	DEPARTMENT		35,813	35,813
	244 CARRATHOOL	COUNCIL		5,429-	5,429-

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 244	244 MURRUMBIDGEE	COUNCIL		7,012	7,012
				67,688	67,688
TOTAL 245	245 BLAYNEY	COUNCIL		40,239	40,239
				55,179	55,179
TOTAL 246	246 BLAYNEY	COUNCIL		46,433	46,433
				34,052	34,052
TOTAL 248	248 BOCOROA	COUNCIL		74,698	74,698
				95,701	95,701
TOTAL 249	249 CROOKWELL	COUNCIL		2,862	2,862
				11,665	11,665
TOTAL 250	250 GUNNING	COUNCIL		533	533
				533	533
TOTAL 251	251 GUNNING	COUNCIL		94,194	94,194
				94,194	94,194
TOTAL 252	252 EVANS	DEPARTMENT		2,034	2,034
				89,588	89,588
TOTAL 253	253 BATHURST	COUNCIL		9,775	9,775
				29,970	29,970
TOTAL 257	257 GREATER LITHGOW	DEPARTMENT		177,466	177,466
				22,679	22,679
TOTAL 258	258 ORERON	DEPARTMENT		89,445	89,445
				105,808	105,808
TOTAL 259	259 ORERON	COUNCIL		435,143	435,143

STATE ROADS SYSTEM - MAINTENANCE					
			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 254	GRIFFITH	COUNCIL		24,762	24,762
				24,762	24,762
255	EVANS	COUNCIL		17,080	17,080
255	GREATER LITHGOW	COUNCIL		5,210	5,210
255	OPEROA	COUNCIL		88,621	88,621
TOTAL 255				110,911	110,911
256	CROOKWELL	COUNCIL		5,100	5,100
256	GOULBURN	COUNCIL		23,074	23,074
256	MULWAREE	COUNCIL		118,457	118,457
256	OPEROA	COUNCIL		32,763	32,763
TOTAL 256				179,394	179,394
258	MULWAREE	COUNCIL		39,268	39,268
258	WINGECARRIBEE	COUNCIL		159,138	159,138
TOTAL 258				198,406	198,406
259	CAMDEN	COUNCIL		27,756	27,756
259	WOLLONDILLY	DEPARTMENT		178,108	178,108
TOTAL 259				205,864	205,864
260	WINGECARRIBEE	COUNCIL		84,706	84,706
TOTAL 260				84,706	84,706
261	SHOALHAVEN	DEPARTMENT		335,002	335,002
261	WINGECARRIBEE	COUNCIL		77,039	77,039
TOTAL 261				412,041	412,041
262	SHELLHARBOR	COUNCIL		11,780	11,780
TOTAL 262				11,780	11,780
263	WINGECARRIBEE	COUNCIL		144,394	144,394

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 267				144,394	144,394
264	KIAMA	CCUNCIL		108,708	108,708
264	WINGECARRIBEE	CCUNCIL		26,788	26,788
TOTAL 264				135,496	135,496
265	WINGECARRIBEE	CCUNCIL		38,113	38,113
TOTAL 265				38,113	38,113
266	KIAMA	CCUNCIL		35,380	35,380
266	SHELLHARBOR	CCUNCIL		8,337	8,337
TOTAL 266				43,717	43,717
267	SHOALHAVEN	CCUNCIL		37,191	37,191
TOTAL 267				37,191	37,191
268	MULWAREE	CCUNCIL		39,869	39,869
268	YARROWLUNLA	CCUNCIL		49,938	49,938
TOTAL 268				89,807	89,807
270	TALLAGANDA	COUNCIL		48,124	48,124
270	TALLAGANDA	DEPARTMENT		22,578	22,578
270	YARROWLUNLA	CCUNCIL		80,917	80,917
TOTAL 270				151,619	151,619
271	EUROBDALLA	CCUNCIL		158,018	158,018
271	TALLAGANDA	CCUNCIL		40,980	40,980
TOTAL 271				198,998	198,998
272	BEGA VALLEY	CCUNCIL		183,290	183,290
272	BEGA VALLEY	DEPARTMENT		15,961	15,961
272	BEGA VALLEY	CCUNCIL		3,708	3,708
272	EUROBDALLA	CCUNCIL		25,045	25,045

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL	272			228,004	228,004
	273	BEGA VALLEY	COUNCIL	68,928	68,928
TOTAL	273			68,928	68,928
	275	BEGA VALLEY	COUNCIL	121,288	121,288
	275	BOMBALA	COUNCIL	8,317	8,317
TOTAL	275			129,605	129,605
	276	BEGA VALLEY	COUNCIL	118,589	118,589
	276	BEGA VALLEY	DEPARTMENT	307	307
TOTAL	276			118,896	118,896
	278	GUNDAGAI	COUNCIL	44,597	44,597
	278	TUMUT	COUNCIL	106,185	106,185
	278	YASS	COUNCIL	67,059	67,059
	278	YASS	DEPARTMENT	23,935	23,935
TOTAL	278			241,776	241,776
	279	COOTAMUNDRA	COUNCIL	930	930
	279	GUNDAGAI	COUNCIL	13,897	13,897
	279	GUNDAGAI	DEPARTMENT	85,576	85,576
	279	TUMUT	COUNCIL	42,557	42,557
TOTAL	279			142,960	142,960
	280	COOTAMUNDRA	COUNCIL	560	560
	280	GUNDAGAI	COUNCIL	12,862	12,862
	280	TUMUT	COUNCIL	91,350	91,350
TOTAL	280			104,772	104,772
	281	TUMBARUMBA	COUNCIL	200	200
	281	TUMBARUMBA	COUNCIL	5,079	5,079
TOTAL	281			5,279	5,279

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
282	HCLBROOK	CCUNCIL		50,614	50,614
282	HUME	CCUNCIL		70,715	70,715
282	TUMBARUMBA	CCUNCIL		150,423	150,423
TOTAL 282				271,752	271,752
283	GUNNING	CCUNCIL		44,007	44,007
TOTAL 283				44,007	44,007
284	HCLBROOK	CCUNCIL		54,669	54,669
284	TUMBARUMBA	CCUNCIL		24,514	24,514
TOTAL 284				79,183	79,183
286	SNOWY RIVER	DEPARTMENT		903,464	903,464
286	SNOWY RIVER	CCUNCIL		14,148	14,148
286	SNOWY RIVER	DEPARTMENT		13,447	13,447
286	SNOWY RIVER	CCUNCIL		107,419	107,419
TOTAL 286				1,038,498	1,038,498
289	DUNGOE	CCUNCIL		4,041	4,041
289	GREAT LAKES	CCUNCIL		17,479	17,479
TOTAL 289				21,520	21,520
290	TENTERFIELD	CCUNCIL		11,266	11,266
TOTAL 290				11,266	11,266
292	GREATER LITHGOW	CCUNCIL		20,624	20,624
TOTAL 292				20,624	20,624
293	SHOALHAVEN	CCUNCIL		44,171	44,171
293	SHOALHAVEN	DEPARTMENT		1,249	1,249
TOTAL 293				45,420	45,420
295	WOLLONGONG	CCUNCIL		65,679	65,679

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 295				65,679	65,679
296	WAKOOL	COUNCIL		100,988	100,988
296	WINDOURAN	COUNCIL		138,707	138,707
TOTAL 296				239,695	239,695
298	GRAFTON	COUNCIL		3,008	3,008
TOTAL 298				3,008	3,008
299	COROWA	COUNCIL		72,452	72,452
TOTAL 299				72,452	72,452
300	WINGECARRIBEE	COUNCIL		26,757	26,757
TOTAL 300				26,757	26,757
301	DUNGOB	COUNCIL		41,440	41,440
301	MAITLAND	COUNCIL		10,344	10,344
301	MAITLAND	DEPARTMENT		34,182	34,182
301	PORT STEPHENS	COUNCIL		163,800	163,800
TOTAL 301				249,766	249,766
302	PORT STEPHENS	COUNCIL		69,912	69,912
TOTAL 302				69,912	69,912
306	BYRON	COUNCIL		45,313	45,313
306	LISMORE	COUNCIL		64,649	64,649
TOTAL 306				109,962	109,962
307	SHOALHAVEN	DEPARTMENT		6,538	6,538
TOTAL 307				6,538	6,538
308	BREWARRINA	COUNCIL		19,544	19,544

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 308				19,544	19,544
309	PARRAMATTA	DEPARTMENT		204,318	204,318
TOTAL 309				204,318	204,318
310	CARONNE	COUNCIL		36,620	36,620
310	COWRA	COUNCIL		95,928	95,928
TOTAL 310				132,548	132,548
312	SHOALHAVEN	COUNCIL		26,629	26,629
TOTAL 312				26,629	26,629
314	COROWA	COUNCIL		13,234	13,234
314	COROWA	DEPARTMENT		460	460
314	COROWA	COUNCIL		1,385	1,385
TOTAL 314				15,079	15,079
315	BURWOOD	DEPARTMENT		4,643	4,643
315	CANTERBURY	DEPARTMENT		46,200	46,200
315	CONCORD	COUNCIL		289	289
315	HURSTVILLE	DEPARTMENT		23,100	23,100
315	HURSTVILLE	COUNCIL		10,813	10,813
315	STRATHFIELD	COUNCIL		18,267	18,267
315	STRATHFIELD	COUNCIL		3,770	3,770
TOTAL 315				107,082	107,082
316	NEWCASTLE	COUNCIL		11,772	11,772
TOTAL 316				11,772	11,772
318	STRATHFIELD	COUNCIL		9,504	9,504
TOTAL 318				9,504	9,504
319	HAY	COUNCIL		59,940	59,940
319	HAY	DEPARTMENT		17,677	17,677

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
319	HAY	COUNCIL		11,499-	11,499-
319	WAKOOL	DEPARTMENT		38,509	38,509
319	WAKOOL	COUNCIL		100,969	100,969
319	WAKOOL	DEPARTMENT		109,694	109,694
319	WINDOURAN	COUNCIL		23,624	23,624
TOTAL 319				338,914	338,914
320	BEGA VALLEY	COUNCIL		32,956	32,956
TOTAL 320				32,956	32,956
321	CARRATHOOL	COUNCIL		20,065	20,065
321	GRIFFITH	COUNCIL		128,119	128,119
321	JERILDERIE	COUNCIL		143,725	143,725
321	MURRUMBIDGEE	COUNCIL		126,958	126,958
TOTAL 321				418,867	418,867
322	JERILDERIE	COUNCIL		10,970	10,970
322	URANA	COUNCIL		72,301	72,301
TOTAL 322				83,271	83,271
324	TUMUT	DEPARTMENT		7,627	7,627
TOTAL 324				7,627	7,627
325	LAKE MACQUARIE	COUNCIL		79,171	79,171
TOTAL 325				79,171	79,171
326	NEWCASTLE	COUNCIL		118,663	118,663
TOTAL 326				118,663	118,663
327	RANDWICK	COUNCIL		39,294	39,294
TOTAL 327				39,294	39,294
328	KU-RING-GAI	DEPARTMENT		15,177	15,177
328	WARRINGAH	DEPARTMENT		156,306	156,306

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 336				158,593	158,593
	339 WAVERLEY	COUNCIL		71,172	71,172
	339 WOLLAHRA	COUNCIL		85,894	85,894
TOTAL 339				157,066	157,066
	340 WAVERLEY	COUNCIL		7,412	7,412
TOTAL 340				7,412	7,412
	341 MURRAY	COUNCIL		194,972	194,972
	341 WAKOOL	COUNCIL		4,827	4,827
TOTAL 341				199,799	199,799
	343 WALGETT	COUNCIL		4,010	4,010
TOTAL 343				4,010	4,010
	344 BOTANY	DEPARTMENT		51,335	51,335
TOTAL 344				51,335	51,335
	347 LACHLAN	COUNCIL		38,323	38,323
	347 WARREN	COUNCIL		19,449	19,449
TOTAL 347				57,772	57,772
	348 PARKES	COUNCIL		47,243	47,243
TOTAL 348				47,243	47,243
	349 GOSFORD	COUNCIL		82,092	82,092
TOTAL 349				82,092	82,092
	350 FORBES	COUNCIL		62,185	62,185
	350 PARKES	COUNCIL		136,240	136,240

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 350				198,425	198,425
353	WELLINGTON	COUNCIL		61,440	61,440
TOTAL 353				61,440	61,440
354	NARROMINE	COUNCIL		329,862	329,862
354	PARKES	COUNCIL		62,638	62,638
TOTAL 354				392,500	392,500
355	HUME	COUNCIL		1,046	1,046
TOTAL 355				1,046	1,046
356	JERILDERIE	COUNCIL		5,797	5,797
356	URANA	COUNCIL		6,531	6,531
TOTAL 356				12,328	12,328
357	GUNNEDAH	COUNCIL		14,243	14,243
357	MANILLA	COUNCIL		6,094	6,094
357	MANILLA	COUNCIL		17,563	17,563
TOTAL 357				25,712	25,712
358	MERRIWA	COUNCIL		228,531	228,531
358	MURRURUNDI	COUNCIL		188,600	188,600
358	PARKES	COUNCIL		13,406	13,406
TOTAL 358				430,537	430,537
359	CABONNE	COUNCIL		15,694	15,694
TOTAL 359				15,694	15,694
360	BARRABA	COUNCIL		63,665	63,665
360	BINGARA	COUNCIL		5,211	5,211
TOTAL 360				68,876	68,876

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
361	KYOGLE	COUNCIL		481,887	481,887
361	TENTERFIELD	COUNCIL		5,799	5,799
TOTAL 361				487,686	487,686
362	TENTERFIELD	COUNCIL		68,623	68,623
TOTAL 362				68,623	68,623
363	BERRIGAN	COUNCIL		22,224	22,224
TOTAL 363				22,224	22,224
366	HORNSEY	DEPARTMENT		95,200	95,200
366	HORNSEY	COUNCIL		1,504	1,504
366	KU-RING-GAI	COUNCIL		92,763	92,763
TOTAL 366				189,467	189,467
367	MOREE PLAINS	COUNCIL		210,891	210,891
TOTAL 367				210,891	210,891
368	BLAND	COUNCIL		29,192	29,192
368	CARRATHOOL	COUNCIL		34,750	34,750
TOTAL 368				63,942	63,942
369	HUME	DEPARTMENT		18,811	18,811
369	HUME	COUNCIL		998	998
369	HUME	DEPARTMENT		131,699	131,699
TOTAL 369				151,508	151,508
370	CULCAIRN	COUNCIL		43,364	43,364
370	HUME	COUNCIL		13,545	13,545
370	LOCKHART	COUNCIL		64,451	64,451
370	NARRANDERA	COUNCIL		5,893	5,893
TOTAL 370				127,253	127,253
371	BLAND	COUNCIL		9,619	9,619

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS.		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
371	CARRATHOOL	CCUNCIL		3,595	3,595
371	LACHLAN	CCUNCIL		24,755	24,755
TOTAL 371				37,969	37,969
372	WINGECARRIBEE	CCUNCIL		47,048	47,048
TOTAL 372				47,048	47,048
373	HORNSEY	DEPARTMENT		12,372	12,372
373	LANE COVE	DEPARTMENT		173,085	173,085
373	PARRAMATTA	DEPARTMENT		13,609	13,609
373	RYDE	DEPARTMENT		6,531	6,531
373	WILLOUGHBY	DEPARTMENT		16,749	16,749
TOTAL 373				222,346	222,346
377	CABONNE	CCUNCIL		73,240	73,240
377	FORBES	CCUNCIL		115,487	115,487
377	LACHLAN	CCUNCIL		58,483	58,483
TOTAL 377				247,210	247,210
378	BELLINGEN	CCUNCIL		846	846
TOTAL 378				846	846
379	HARDEN	CCUNCIL		14,867	14,867
TOTAL 379				14,867	14,867
380	BOGOROA	CCUNCIL		8,832	8,832
380	HARDEN	CCUNCIL		17,608	17,608
TOTAL 380				26,440	26,440
381	HARDEN	CCUNCIL		97,274	97,274
TOTAL 381				97,274	97,274
382	GLEN INNES	CCUNCIL		3,689	3,689
382	INVERELL	CCUNCIL		35,101	35,101

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 382	SEVERN	COUNCIL		49,951	49,951
				88,741	88,741
TOTAL 383	COONAMBLE WALGETT	COUNCIL COUNCIL		59,804	59,804
				41,036	41,036
				100,840	100,840
TOTAL 384	HOLBROOK WAGGA WAGGA	COUNCIL COUNCIL		1,232	1,232
				73,385	73,385
				74,617	74,617
TOTAL 385	URANA	COUNCIL		78,714	78,714
				78,714	78,714
TOTAL 386	WAKOOL WAKOOL WAKOOL	COUNCIL DEPARTMENT COUNCIL		10,839	10,839
				68,040	68,040
				97,844	97,844
				176,723	176,723
TOTAL 387	CARRATHOOL COOLAMON	COUNCIL COUNCIL		2,417	2,417
				17,231	17,231
	GRIFFITH	COUNCIL		31,695	31,695
	NARRANDERA	COUNCIL		200,635	200,635
	TEMORA	COUNCIL		109,528	109,528
				361,506	361,506
TOTAL 390	BLAYNEY	COUNCIL		26,452	26,452
				26,452	26,452
TOTAL 391	MURRAY	COUNCIL		8,232	8,232
				8,232	8,232
TOTAL 392	LAKE MACQUARIE	COUNCIL		128,969	128,969

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 392				128,969	128,969
392	SUTHERLAND	DEPARTMENT		122,053	122,053
393	WOLLONGONG	DEPARTMENT		81,594	81,594
TOTAL 393				203,647	203,647
394	BOMBALA	COUNCIL		37,215	37,215
394	COOMA-MONARO	COUNCIL		7,648	7,648
394	SNOWY RIVER	COUNCIL		31,295	31,295
TOTAL 394				76,158	76,158
395	DRUMMCYNE	COUNCIL		27,046	27,046
TOTAL 395				27,046	27,046
396	COOLAH	COUNCIL		40,100	40,100
396	CONABARABRAN	COUNCIL		38,656	38,656
TOTAL 396				78,756	78,756
397	MANLY	DEPARTMENT		92,833	92,833
397	MANLY	COUNCIL		908	908
397	WARRINGAH	DEPARTMENT		739,120	739,120
TOTAL 397				832,861	832,861
398	BLAND	COUNCIL		7,571	7,571
398	COOLAMON	COUNCIL		81,233	81,233
398	TEMORA	COUNCIL		39,372	39,372
398	WEDDIN	COUNCIL		44,562	44,562
TOTAL 398				172,738	172,738
399	TWEED	COUNCIL		55,122	55,122
TOTAL 399				55,122	55,122
400	MOSMAN	COUNCIL		59,354	59,354

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 400				59,354	59,354
402	BREWARRINA	COUNCIL		12,106	12,106
402	WALGETT	COUNCIL		66,874	66,874
TOTAL 402				78,980	78,980
403	BOURKE	COUNCIL		845	845
403	BREWARRINA	COUNCIL		39,347	39,347
403	BREWARRINA	DEPARTMENT		14,563	14,563
403	BREWARRINA	COUNCIL		1,849-	1,849-
TOTAL 403				52,906	52,906
404	BOURKE	DEPARTMENT		19,173	19,173
404	BOURKE	COUNCIL		114,056	114,056
404	BOURKE	DEPARTMENT		6,391	6,391
404	BOURKE	COUNCIL		22,297	22,297
TOTAL 404				161,917	161,917
405	BOURKE	DEPARTMENT		6,391	6,391
405	BOURKE	COUNCIL		4,729	4,729
405	BOURKE	DEPARTMENT		19,173	19,173
405	BOURKE	COUNCIL		129,753	129,753
405	BOURKE	DEPARTMENT		25,564	25,564
405	BOURKE	COUNCIL		17,066	17,066
405	BOURKE	DEPARTMENT		6,391	6,391
405	WESTERN DIVISION	DEPARTMENT		111,493	111,493
TOTAL 405				320,560	320,560
406	CENTRAL DARLING	COUNCIL		12,175	12,175
TOTAL 406				12,175	12,175
407	BOURKE	COUNCIL		10,788	10,788
407	COBAR	COUNCIL		167,758	167,758
TOTAL 407				178,546	178,546
410	CARRATHOOL	COUNCIL		19,714	19,714

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
410	CARRATHOOL	DEPARTMENT		18,983	18,983
410	COBAR	CCUNCIL		149,505	149,505
TOTAL 410				188,202	188,202
411	COBAR	CCUNCIL		74,562	74,562
411	LACHLAN	CCUNCIL		7,118	7,118
411	LACHLAN	DEPARTMENT		4,317	4,317
TOTAL 411				85,997	85,997
415	COBAR	CCUNCIL		53,796	53,796
TOTAL 415				53,796	53,796
416	COBAR	CCUNCIL		114,367	114,367
TOTAL 416				114,367	114,367
418	CARRATHOOL	CCUNCIL		47,471	47,471
418	CARRATHOOL	DEPARTMENT		90,389	90,389
TOTAL 418				137,860	137,860
419	COBAR	CCUNCIL		95,124	95,124
TOTAL 419				95,124	95,124
421	BCURKE	CCUNCIL		43,420	43,420
421	COBAR	CCUNCIL		72,643	72,643
TOTAL 421				116,063	116,063
422	COBAR	CCUNCIL		17,214	17,214
TOTAL 422				17,214	17,214
423	COBAR	CCUNCIL		12,627	12,627
423	LACHLAN	CCUNCIL		29,031	29,031
423	LACHLAN	DEPARTMENT		14,542	14,542
TOTAL 423				56,200	56,200

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
424	BOGAN	COUNCIL		31,263	31,263
424	WARREN	COUNCIL		10,447	10,447
TOTAL 424				41,710	41,710
425	BOURKE	COUNCIL		51,933	51,933
425	BREWARRINA	COUNCIL		58,895	58,895
TOTAL 425				110,828	110,828
426	WALGETT	COUNCIL		3,972	3,972
TOTAL 426				3,972	3,972
428	BROKEN HILL	DEPARTMENT		335	335
428	WESTERN DIVISION	DEPARTMENT		131,452	131,452
TOTAL 428				131,787	131,787
429	BOURKE	COUNCIL		30,291	30,291
429	CENTRAL DARLING	COUNCIL		98,702	98,702
429	WESTERN DIVISION	DEPARTMENT		63,415	63,415
TOTAL 429				192,408	192,408
431	WENTWORTH	COUNCIL		52,080	52,080
TOTAL 431				52,080	52,080
433	CENTRAL DARLING	COUNCIL		170,120	170,120
TOTAL 433				170,120	170,120
435	CENTRAL DARLING	COUNCIL		95,099	95,099
435	WESTERN DIVISION	DEPARTMENT		2,615	2,615
TOTAL 435				97,714	97,714
437	BREWARRINA	COUNCIL		7,311-	7,311-
437	BREWARRINA	DEPARTMENT		95,992	95,992
437	BREWARRINA	COUNCIL		122,080	122,080
437	BREWARRINA	DEPARTMENT		28,846	28,846

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
437	WALGETT	COUNCIL		4,398	4,398
TOTAL 437				244,005	244,005
438	BREWARRINA	COUNCIL		9,632	9,632
438	WALGETT	COUNCIL		160,597	160,597
TOTAL 438				170,229	170,229
501	CARRATHOOL	COUNCIL		103,458	103,458
501	HAY	COUNCIL		33,936	33,936
501	LACHLAN	COUNCIL		44,183	44,183
TOTAL 501				181,577	181,577
503	HAWKESBURY	DEPARTMENT		839,878	839,878
503	SINGLETON	COUNCIL		60,592	60,592
503	SINGLETON	DEPARTMENT		638,623	638,623
TOTAL 503				1,539,093	1,539,093
504	GOSFORD	COUNCIL		199,793	199,793
TOTAL 504				199,793	199,793
505	GOSFORD	COUNCIL		39,425	39,425
TOTAL 505				39,425	39,425
506	GREAT LAKES	COUNCIL		29,387	29,387
TOTAL 506				29,387	29,387
507	MCREE PLAINS	COUNCIL		197,924	197,924
TOTAL 507				197,924	197,924
508	BANKSTOWN	DEPARTMENT		453,008	453,008
508	HURSTVILLE	COUNCIL		47,985	47,985
TOTAL 508				500,993	500,993

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL	509	LAKE MACQUARIE	COUNCIL	14,458	14,458
	509	WYONG	COUNCIL	112,238	112,238
	509			126,696	126,696
TOTAL	510	GREATER LITHGOW	COUNCIL	36,523	36,523
	510			36,523	36,523
TOTAL	512	LIVERPOOL	DEPARTMENT	267,659	267,659
	512	SUTHERLAND	DEPARTMENT	864,275	864,275
	512			1,131,934	1,131,934
TOTAL	513	WOLLONGONG	DEPARTMENT	74,682	74,682
	513			74,682	74,682
TOTAL	514	BALRANALD	COUNCIL	27,224	27,224
	514	HAY	COUNCIL	157,297	157,297
	514			184,521	184,521
TOTAL	515	BLACKTOWN	DEPARTMENT	76,228	76,228
	515	FAIRFIELD	DEPARTMENT	167,291	167,291
	515	LIVERPOOL	DEPARTMENT	62,723	62,723
	515			306,242	306,242
TOTAL	516	BLUE MOUNTAINS	DEPARTMENT	2,851	2,851
	516	GREATER LITHGOW	COUNCIL	4,082	4,082
	516	GREATER LITHGOW	COUNCIL	5,371	5,371
	516	GREATER LITHGOW	DEPARTMENT	361,361	361,361
	516	GREATER LITHGOW	COUNCIL	1,772-	1,772-
	516			371,893	371,893
TOTAL	517	PORT STEPHENS	COUNCIL	30,609	30,609
	517			30,609	30,609
	518	PORT STEPHENS	COUNCIL	82,009	82,009

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 518				82,009	82,009
519	HAWKESBURY	COUNCIL		67,244	67,244
TOTAL 519				67,244	67,244
520	OBERON	COUNCIL		132,125	132,125
TOTAL 520				132,125	132,125
522	SHELLHARBUR	COUNCIL		53,509	53,509
522	WOLLONGONG	COUNCIL		26,571	26,571
522	WOLLONGONG	DEPARTMENT		13,921	13,921
TOTAL 522				94,001	94,001
523	LEICHHARDT	COUNCIL		52,007	52,007
523	SYDNEY	COUNCIL		4,624	4,624
TOTAL 523				56,631	56,631
524	BYRON	COUNCIL		64,509	64,509
TOTAL 524				64,509	64,509
525	WARRINGAH	DEPARTMENT		736,270	736,270
TOTAL 525				736,270	736,270
526	CABONNE	COUNCIL		115,090	115,090
526	ORANGE	COUNCIL		26,934	26,934
TOTAL 526				142,024	142,024
527	LAKE PACQUARIE	COUNCIL		82,078	82,078
TOTAL 527				82,078	82,078
528	SYDNEY	COUNCIL		35,395	35,395

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WRK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 528				35,395	35,395
529	WARRINGAH	COUNCIL		186,014	186,014
TOTAL 529				186,014	186,014
530	WARRINGAH	COUNCIL		46,928	46,928
TOTAL 530				46,928	46,928
531	GREATER LITHGOW	COUNCIL		50,509	50,509
TOTAL 531				50,509	50,509
532	AUBURN	DEPARTMENT		136,032	136,032
TOTAL 532				136,032	136,032
533	NAMBUCCA	COUNCIL		130,152	130,152
TOTAL 533				130,152	130,152
534	FAIRFIELD	DEPARTMENT		34,523	34,523
TOTAL 534				34,523	34,523
535	LIVERPOOL	COUNCIL		110,735	110,735
535	PENRITH	DEPARTMENT		79,305	79,305
TOTAL 535				190,040	190,040
536	PENRITH	DEPARTMENT		91,773	91,773
TOTAL 536				91,773	91,773
537	BLACKTOWN	DEPARTMENT		242,788	242,788
537	HAWKESBURY	DEPARTMENT		93,828	93,828
537	MANILLA	COUNCIL		8,508-	8,508-
537	PENRITH	DEPARTMENT		95,962	95,962

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 537				424,070	424,070
538	HASTINGS	COUNCIL		98,412	98,412
TOTAL 538				98,412	98,412
539	LEETON	COUNCIL		53,834	53,834
539	MURRUMBIDGEE	COUNCIL		2,674	2,674
TOTAL 539				56,508	56,508
540	COFFS HARBOUR	COUNCIL		52,811	52,811
TOTAL 540				52,811	52,811
541	TWEED	COUNCIL		98,359	98,359
TOTAL 541				98,359	98,359
542	COFFS HARBOUR	COUNCIL		4,160	4,160
TOTAL 542				4,160	4,160
543	COOLAMON	COUNCIL		3,742	3,742
543	LOCKHART	COUNCIL		3,008	3,008
543	WAGGA WAGGA	COUNCIL		42,189	42,189
543	WAGGA WAGGA	DEPARTMENT		12,872	12,872
543	WAGGA WAGGA	COUNCIL		203	203
543	WAGGA WAGGA	DEPARTMENT		3,775	3,775
TOTAL 543				65,729	65,729
544	KYOGLE	COUNCIL		16,815	16,815
544	LISMORE	COUNCIL		45,503	45,503
544	LISMORE	DEPARTMENT		40,819	40,819
544	LISMORE	COUNCIL		1,053	1,053
544	RICHMOND RIVER	COUNCIL		49,806	49,806
TOTAL 544				153,996	153,996
545	BALLINA	COUNCIL		17,974	17,974

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		
			COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 545				17,974	17,974
546	BLACKTOWN	DEPARTMENT		33,919	33,919
TOTAL 546				33,919	33,919
547	CULCAIRN	COUNCIL		8,055	8,055
547	HUME	COUNCIL		13,604	13,604
TOTAL 547				21,659	21,659
548	HORNSEY	COUNCIL		16,010	16,010
TOTAL 548				16,010	16,010
549	ASHFIELD	COUNCIL		6,447	6,447
549	BURWOOD	COUNCIL		5,391-	5,391-
549	SYDNEY	COUNCIL		12,894	12,894
TOTAL 549				13,950	13,950
550	BERRIGAN	COUNCIL		20,451	20,451
550	CROWA	COUNCIL		65,630	65,630
TOTAL 550				86,081	86,081
551	BERRIGAN	COUNCIL		32,283	32,283
TOTAL 551				32,283	32,283
552	CUNAREO	COUNCIL		107,372	107,372
552	DENILIQUIN	COUNCIL		6,838	6,838
552	JERILDERIE	COUNCIL		10,994	10,994
TOTAL 552				125,204	125,204
553	MANILLA	COUNCIL		13,760	13,760
553	PARRY	COUNCIL		12,095	12,095
TOTAL 553				25,855	25,855

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 554	INVERELL	COUNCIL		16,404	16,404
				16,404	16,404
555	BALLINA	COUNCIL		33,172	33,172
555	LISMORE	COUNCIL		35,579	35,579
TOTAL 555				68,751	68,751
556	KEMPSEY	COUNCIL		6,502	6,502
556	KEMPSEY	DEPARTMENT		1,734	1,734
TOTAL 556				8,236	8,236
557	GREATER LITHGOW	COUNCIL		31,904	31,904
TOTAL 557				31,904	31,904
558	OBERON	COUNCIL		39,417	39,417
TOTAL 558				39,417	39,417
559	ORANGE	COUNCIL		9,318	9,318
TOTAL 559				9,318	9,318
560	EURORODALLA	COUNCIL		9,118	9,118
TOTAL 560				9,118	9,118
561	BEGA VALLEY	COUNCIL		955	955
TOTAL 561				955	955
562	BEGA VALLEY	COUNCIL		10,293-	10,293-
TOTAL 562				10,293-	10,293-
563	BOMBALA	COUNCIL		3,899	3,899
TOTAL 563				3,899	3,899

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
564	BERRIGAN	COUNCIL		29,819	29,819
564	JERILDERIE	COUNCIL		19,581	19,581
TOTAL 564				49,400	49,400
565	MUDGEES	COUNCIL		34,014	34,014
TOTAL 565				34,014	34,014
566	BOMBALA	COUNCIL		682	682
TOTAL 566				682	682
567	DUNGOG	DEPARTMENT		13,201	13,201
567	DUNGOG	COUNCIL		12,984	12,984
567	GREAT LAKES	COUNCIL		7,409	7,409
TOTAL 567				33,594	33,594
568	WOLLONGONG	COUNCIL		95,566	95,566
TOTAL 568				95,566	95,566
569	WINGECARRIBEE	COUNCIL		52,832	52,832
TOTAL 569				52,832	52,832
570	BLUE MOUNTAINS	COUNCIL		39,059	39,059
570	HAWKESBURY	DEPARTMENT		49,868	49,868
570	PENRITH	DEPARTMENT		783	783
TOTAL 570				89,710	89,710
571	KIAMA	COUNCIL		38,308	38,308
TOTAL 571				38,308	38,308
572	GILGANDRA	COUNCIL		5,671	5,671
572	NARROMINE	DEPARTMENT		28,575	28,575
TOTAL 572				34,246	34,246

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
573	CABONNE	CCUNCIL		17,843	17,843
573	ORANGE	CCUNCIL		9,233	9,233
573	WELLINGTON	CCUNCIL		92,773	92,773
TOTAL	573			119,849	119,849
574	PARRAMATTA	DEPARTMENT		55,862	55,862
TOTAL	574			55,862	55,862
575	HASTINGS	CCUNCIL		116,695	116,695
575	HASTINGS	DEPARTMENT		984	984
TOTAL	575			117,679	117,679
576	ECOROWA	CCUNCIL		18,274	18,274
576	COWRA	CCUNCIL		54,322	54,322
TOTAL	576			72,596	72,596
577	BROKEN HILL	CCUNCIL		6,714	6,714
TOTAL	577			6,714	6,714
578	LIVERPOOL	DEPARTMENT		32,110	32,110
TOTAL	578			32,110	32,110
579	PARRY	CCUNCIL		16,757	16,757
TOTAL	579			16,757	16,757
580	GOSFORD	CCUNCIL		48,211	48,211
TOTAL	580			48,211	48,211
581	WOLLONGONG	CCUNCIL		33,205	33,205
TOTAL	581			33,205	33,205
582	WOLLONGONG	CCUNCIL		1,254	1,254

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 582				1,254	1,254
583	BALRANALD	DEPARTMENT		32,442	32,442
583	BALRANALD	DEPARTMENT		57,183	57,183
583	BALRANALD	DEPARTMENT		13,309	13,309
TOTAL 583				102,934	102,934
584	QUEANBEYAN	COUNCIL		13,919	13,919
584	YARROWLUMLA	COUNCIL		35,926	35,926
TOTAL 584				49,845	49,845
585	SNOWY RIVER	COUNCIL		66,604	66,604
TOTAL 585				66,604	66,604
587	HORNSPY	DEPARTMENT		61,310	61,310
TOTAL 587				61,310	61,310
588	GREATER CESSNOCK	COUNCIL		63,530	63,530
588	NEWCASTLE	COUNCIL		25,501	25,501
TOTAL 588				89,031	89,031
589	CONCORD	COUNCIL		207	207
TOTAL 589				207	207
590	GOSFORD	COUNCIL		52,992	52,992
590	GREATER CESSNOCK	COUNCIL		2,035	2,035
TOTAL 590				55,027	55,027
592	SYDNEY	DEPARTMENT		334,358	334,358
TOTAL 592				334,358	334,358
593	BOTANY	DEPARTMENT		23,842	23,842

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
593	RANDWICK	DEPARTMENT		28,949	28,949
593	SYDNEY	CCUNCIL		65,736	65,736
TOTAL 593				118,527	118,527
594	SYDNEY	CCUNCIL		4,827	4,827
TOTAL 594				4,827	4,827
595	SYDNEY	CCUNCIL		4,414	4,414
TOTAL 595				4,414	4,414
596	JERILDERIE	CCUNCIL		10,351	10,351
596	MURRUMBIDGEE	CCUNCIL		34,329	34,329
596	NARRANDERA	CCUNCIL		3,559	3,559
596	URANA	CCUNCIL		6,065	6,065
TOTAL 596				54,304	54,304
597	GREATER CESSNOCK	CCUNCIL		4,388	4,388
TOTAL 597				4,388	4,388
598	MERRIWA	CCUNCIL		30,023	30,023
598	MUDGEES	CCUNCIL		35,608	35,608
TOTAL 598				65,631	65,631
599	NORTH SYDNEY	CCUNCIL		23,190	23,190
599	WILLOUGHBY	DEPARTMENT		108,674	108,674
TOTAL 599				131,864	131,864
600	HASTINGS	CCUNCIL		35,038	35,038
TOTAL 600				35,038	35,038
601	PORT STEPHENS	CCUNCIL		24,733	24,733
TOTAL 601				24,733	24,733

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 602	WOLLONGONG	COUNCIL		7,137	7,137
				7,137	7,137
TOTAL 603	NEWCASTLE	COUNCIL		6,473	6,473
				6,473	6,473
TOTAL 604	NEWCASTLE	COUNCIL		13,060	13,060
				13,060	13,060
TOTAL 605	NEWCASTLE	COUNCIL		41,683	41,683
				41,683	41,683
TOTAL 607	MAITLAND	COUNCIL		13,954	13,954
				13,954	13,954
TOTAL 609	FAIRFIELD	DEPARTMENT		95,020	95,020
				95,020	95,020
TOTAL 610	WOLLONDILLY	COUNCIL		27,585	27,585
				27,585	27,585
TOTAL 611	SHELLHARBOUR	COUNCIL		21,178	21,178
				21,178	21,178
TOTAL 612	WOLLONDILLY	COUNCIL		123,788	123,788
				123,788	123,788
TOTAL 613	WOLLONGONG	COUNCIL		78,669	78,669
				78,669	78,669

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
TOTAL 614	CROOKWELL	COUNCIL		97,557	97,557
				97,557	97,557
TOTAL 615	GOSFORD	COUNCIL		83,562	83,562
				83,562	83,562
TOTAL 616	BOTANY	DEPARTMENT		2,508	2,508
				2,508	2,508
TOTAL 617	BOTANY	DEPARTMENT		17,059	17,059
				17,059	17,059
618	COOLAH	COUNCIL		103,018	103,018
618	MERRIWA	COUNCIL		21,335	21,335
TOTAL 618				124,353	124,353
619	WALGETT	COUNCIL		194,220	194,220
TOTAL 619				194,220	194,220
620	CAMDEN	DEPARTMENT		69,967	69,967
620	LIVERPOOL	DEPARTMENT	6,466	531,515	537,981
TOTAL 620			6,466	601,482	607,948
622	TENTERFIELD	COUNCIL		246,855	246,855
TOTAL 622				246,855	246,855
TOTAL MAIN ROADS			9,202	61,488,444	61,497,646

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
OTHER ROADS					
TOTAL 1306	BOURKE	DEPARTMENT		35,756	35,756
TOTAL 1306				35,756	35,756
2005	SYDNEY	COUNCIL		40,579	40,578
TOTAL 2005				40,578	40,578
2006	BAULKHAM HILLS	COUNCIL		23,747	23,747
TOTAL 2006				23,747	23,747
2007	MARRICKVILLE	COUNCIL		60,722	60,722
TOTAL 2007				60,722	60,722
2008	BOTANY	COUNCIL		58,669	58,669
2008	SYDNEY	COUNCIL		35,857	35,857
TOTAL 2008				94,526	94,526
2011	SYDNEY	COUNCIL		27,696	27,696
TOTAL 2011				27,696	27,696
2013	ASHFIELD	COUNCIL		9,131	9,131
2013	DRUMMOYNE	COUNCIL		1,045	1,045
2013	LEICHHARDT	COUNCIL		7,860	7,860
TOTAL 2013				18,036	18,036
2014	CANTERBURY	COUNCIL		37,888	37,888
2014	ROCKDALE	COUNCIL		51,375	51,375
TOTAL 2014				89,263	89,263
2018	ASHFIELD	COUNCIL		3,248	3,248
2018	MARRICKVILLE	COUNCIL		12,851	12,851

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 2018				16,099	16,099
2019	MOSMAN	CCOUNCIL		4,274	4,274
2019	NORTH SYDNEY	CCOUNCIL		19,676	19,676
TOTAL 2019				23,950	23,950
2021	CANTERBURY	DEPARTMENT		17,582	17,582
2021	CANTERBURY	CCOUNCIL		47,519	47,519
2021	MARRICKVILLE	DEPARTMENT		17,582	17,582
2021	MARRICKVILLE	COUNCIL		10,917	10,917
TOTAL 2021				93,600	93,600
2024	RYDE	CCOUNCIL		43,758	43,758
TOTAL 2024				43,758	43,758
2025	MANLY	COUNCIL		12,109	12,109
TOTAL 2025				12,109	12,109
2027	ASHFIELD	CCOUNCIL		1,039	1,039
2027	BURWOOD	CCOUNCIL		537	537
TOTAL 2027				1,576	1,576
2028	ASHFIELD	CCOUNCIL		14,500	14,500
2028	MARRICKVILLE	CCOUNCIL		30,160	30,160
TOTAL 2028				44,660	44,660
2029	WILLOUGHBY	CCOUNCIL		8,762	8,762
TOTAL 2029				8,762	8,762
2030	HAWKESBURY	CCOUNCIL		1,746	1,746
TOTAL 2030				1,746	1,746

STATE ROADS SYSTEM - MAINTENANCE				SOURCE OF FUNDS	
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
2032	ROCKDALE	COUNCIL		10,856	10,856
TOTAL 2032				10,856	10,856
2033	HUNTERS HILL	COUNCIL		89,928	89,928
2033	RYDE	COUNCIL		10,283	10,283
TOTAL 2033				100,271	100,271
2034	SUTHERLAND	COUNCIL		31,972	31,972
2034	SUTHERLAND	DEPARTMENT		181	181
TOTAL 2034				32,153	32,153
2035	HORNSBY	COUNCIL		21,824	21,824
TOTAL 2035				21,824	21,824
2036	MOSMAN	COUNCIL		7,546	7,546
2036	NORTH SYDNEY	COUNCIL		13,954	13,954
TOTAL 2036				21,500	21,500
2039	BLUE MOUNTAINS	COUNCIL		65,008	65,008
TOTAL 2039				65,008	65,008
2040	ASHFIELD	COUNCIL		1,081	1,081
2040	CANTERBURY	COUNCIL		5,783	5,783
TOTAL 2040				6,864	6,864
2041	HURSTVILLE	COUNCIL		110,798	110,798
2041	ROCKDALE	COUNCIL		16,398	16,398
TOTAL 2041				127,196	127,196
2042	LEICHHARDT	COUNCIL		6,976	6,976
TOTAL 2042				6,976	6,976

STATE ROADS SYSTEM - MAINTENANCE			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
2043	HORNSBY	COUNCIL		6,035	6,035
TOTAL 2043				6,035	6,035
2044	BLUE MOUNTAINS	COUNCIL		1,934	1,934
TOTAL 2044				1,934	1,934
2046	LEICHHARDT	COUNCIL		12,089	12,089
TOTAL 2046				12,089	12,089
2048	PENRITH	COUNCIL		17,453	17,453
TOTAL 2048				17,453	17,453
2049	PARRAMATTA	COUNCIL		33,008	33,008
TOTAL 2049				33,008	33,008
2050	CANTERBURY	COUNCIL		3,058	3,058
2050	HURSTVILLE	COUNCIL		5,731	5,731
TOTAL 2050				8,789	8,789
2052	HUNTERS HILL	COUNCIL		47,840	47,840
2052	RYDE	COUNCIL		12,279	12,279
TOTAL 2052				60,119	60,119
2056	ASHFIELD	COUNCIL		26,835	26,835
2056	LEICHHARDT	COUNCIL		7,583	7,583
TOTAL 2056				34,418	34,418
2057	AUBURN	COUNCIL		21,416	21,416
2057	STRATHFIELD	COUNCIL		9,951-	9,951-
TOTAL 2057				11,465	11,465
2058	RYDE	COUNCIL		31,962	31,962

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 2058				31,962	31,962
2059	CONCORD	COUNCIL		4,465	4,465
2059	DRUMMOYNE	COUNCIL		3,414	3,414
TOTAL 2059				7,879	7,879
2060	CANTERBURY	COUNCIL		6,668	6,668
TOTAL 2060				6,668	6,668
2061	BANKSTOWN	COUNCIL		36,277	36,277
TOTAL 2061				36,277	36,277
2063	HAWKESBURY	COUNCIL		8,733	8,733
2063	PENRITH	COUNCIL		34,504	34,504
TOTAL 2063				43,237	43,237
2064	ASHFIELD	COUNCIL		1,437	1,437
TOTAL 2064				1,437	1,437
2065	ASHFIELD	COUNCIL		1,461	1,461
TOTAL 2065				1,461	1,461
2066	PARRAMATTA	COUNCIL		22,589	22,589
2066	PARRAMATTA	DEPARTMENT		5,907	5,907
TOTAL 2066				28,496	28,496
2068	BANKSTOWN	COUNCIL		16,063	16,063
TOTAL 2068				16,063	16,063
2069	AUBURN	COUNCIL		11,870	11,870
TOTAL 2069				11,870	11,870

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
2070	LANE COVE	COUNCIL		43,432	43,432
2070	NORTH SYDNEY	COUNCIL		8,759	8,759
TOTAL 2070				52,191	52,191
2071	FAIRFIELD	COUNCIL		37,608	37,608
2071	HOLROYD	COUNCIL		18,623	18,623
2071	HOLROYD	DEPARTMENT		5,907	5,907
2071	LIVERPOOL	COUNCIL		4,728	4,728
TOTAL 2071				66,866	66,866
2072	BURWOOD	COUNCIL		13,969	13,969
TOTAL 2072				13,969	13,969
2073	LEICHHARDT	COUNCIL		8,138	8,138
TOTAL 2073				8,138	8,138
2074	RANDWICK	COUNCIL		98,864	98,864
TOTAL 2074				98,864	98,864
2075	SUTHERLAND	COUNCIL		88,111	88,111
TOTAL 2075				88,111	88,111
2076	SUTHERLAND	COUNCIL		4,208	4,208
TOTAL 2076				4,208	4,208
2077	SYDNEY	COUNCIL		30,171	30,171
TOTAL 2077				30,171	30,171
2079	ROCKDALE	COUNCIL		5,372	5,372
TOTAL 2079				5,372	5,372
2080	ROCKDALE	COUNCIL		33,900	33,900

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 2080				33,900	33,900
2081	RYDE	COUNCIL		13,000	13,000
TOTAL 2081				13,000	13,000
2082	PENRITH	COUNCIL		3,284	3,284
TOTAL 2082				3,284	3,284
2083	SYDNEY	COUNCIL		23,364	23,364
TOTAL 2083				23,364	23,364
2084	BAULKHAM HILLS	COUNCIL		27,775	27,775
2084	BLACKTOWN	COUNCIL		50,022	50,022
TOTAL 2084				77,797	77,797
2085	BLACKTOWN	COUNCIL		84,407	84,407
TOTAL 2085				84,407	84,407
2086	ROCKDALE	COUNCIL		2,299	2,299
TOTAL 2086				2,299	2,299
2087	STRATHFIELD	COUNCIL		21,301	21,301
TOTAL 2087				21,301	21,301
2088	FAIRFIELD	COUNCIL		68,769	68,769
TOTAL 2088				68,769	68,769
2089	WOOLLAHRA	COUNCIL		20,917	20,917
TOTAL 2089				20,917	20,917

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
2090	BANKSTOWN	COUNCIL		2,673	2,673
TOTAL 2090				2,673	2,673
2091	NORTH SYDNEY	COUNCIL		6,128	6,128
2091	WILLOUGHBY	COUNCIL		2,802	2,802
TOTAL 2091				8,930	8,930
2092	LANE COVE	COUNCIL		2,401	2,401
2092	WILLOUGHBY	COUNCIL		18,436	18,436
TOTAL 2092				20,837	20,837
2093	NORTH SYDNEY	COUNCIL		1,878	1,878
2093	WILLOUGHBY	COUNCIL		15,823	15,823
2093	WILLOUGHBY	DEPARTMENT		135	135
TOTAL 2093				17,836	17,836
2094	BANKSTOWN	COUNCIL		1,425	1,425
TOTAL 2094				1,425	1,425
2095	DRUMMCYNE	COUNCIL		807	807
TOTAL 2095				807	807
2096	AUBURN	COUNCIL		5,397	5,397
2096	AUBURN	DEPARTMENT		5,907	5,907
2096	PARRAMATTA	COUNCIL		38,914	38,914
TOTAL 2096				50,218	50,218
2098	HOLROYD	COUNCIL		26,456	26,456
2098	PARRAMATTA	COUNCIL		7,629	7,629
TOTAL 2098				34,085	34,085
2099	CANTERBURY	COUNCIL		2,418	2,418
2099	MARRICKVILLE	COUNCIL		92,550	92,550

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 2099				94,968	94,968
4001	MOLLONDILLY	CCUNCIL		2,333	2,333
TOTAL 4001				2,333	2,333
4002	DUMARESQ	CCUNCIL		4,058	4,058
TOTAL 4002				4,058	4,058
4003	QUIRINDI	CCUNCIL		734	734
TOTAL 4003				734	734
4004	BLUE MOUNTAINS	CCUNCIL		1,075	1,075
TOTAL 4004				1,075	1,075
4005	WARRINGAH	DEPARTMENT		11,239	11,239
TOTAL 4005				11,239	11,239
4006	BAULKHAM HILLS	CCUNCIL		19,815	19,815
TOTAL 4006				19,815	19,815
4007	COFFS HARBOUR	CCUNCIL		591	591
TOTAL 4007				591	591
4008	NAMBUCCA	CCUNCIL		326	326
TOTAL 4008				326	326
4009	GOSFORD	CCUNCIL		33,994	33,994
TOTAL 4009				33,994	33,994
4010	GUYRA	CCUNCIL		343	343

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 4010				343	343
4011	GREATER LITHGOW	COUNCIL		1,912	1,912
TOTAL 4011				1,912	1,912
4012	TWEED	COUNCIL		9,453	9,453
TOTAL 4012				9,453	9,453
4015	BEGA VALLEY	COUNCIL		852	852
TOTAL 4015				852	852
4016	SNOWY RIVER	DEPARTMENT		14,520	14,520
TOTAL 4016				14,520	14,520
4017	GOSFORD	COUNCIL		2,188	2,188
TOTAL 4017				2,188	2,188
4018	BLUE MOUNTAINS	COUNCIL		322	322
TOTAL 4018				322	322
4019	BLUE MOUNTAINS	COUNCIL		2,149	2,149
TOTAL 4019				2,149	2,149
4020	SUTHERLAND	DEPARTMENT		3,961	3,961
TOTAL 4020				3,961	3,961
4021	SCONE	COUNCIL		1,180	1,180
TOTAL 4021				1,180	1,180
4023	SNOWY RIVER	COUNCIL		3,512	3,512

STATE ROADS SYSTEM - MAINTENANCE					
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 4023				3,512	3,512
4025	SUTHERLAND	DEPARTMENT		2,580	2,580
TOTAL 4025				2,580	2,580
TOTAL 4028	TWEED	COUNCIL		35,234	35,234
TOTAL 4028				35,234	35,234
4029	BLUE MOUNTAINS	COUNCIL		1,827	1,827
TOTAL 4029				1,827	1,827
4030	HASTINGS	COUNCIL		54,711	54,711
TOTAL 4030				54,711	54,711
4031	SUTHERLAND	COUNCIL		7,192	7,192
TOTAL 4031				7,192	7,192
4032	KEMPSEY	COUNCIL		6,547	6,547
TOTAL 4032				6,547	6,547
4033	YASS	COUNCIL		14,603	14,603
TOTAL 4033				14,603	14,603
4034	MACLEAN	COUNCIL		1,235	1,235
TOTAL 4034				1,235	1,235
4035	GREAT LAKES	COUNCIL		17,460	17,460
TOTAL 4035				17,460	17,460
4037	DEGA VALLEY	COUNCIL		8,028	8,028

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY.	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 4037				8,028	8,028
4038	WINGECARRIBEE	COUNCIL		5,033	5,033
TOTAL 4038				5,033	5,033
4039	BLUE MOUNTAINS	COUNCIL		48,622	48,622
TOTAL 4039				48,622	48,622
4040	SNOWY RIVER	COUNCIL		2,932	2,932
TOTAL 4040				2,932	2,932
4041	GRIFFITH	COUNCIL		1,593	1,593
TOTAL 4041				1,593	1,593
4042	WOLLONGONG	COUNCIL		5,122	5,122
TOTAL 4042				5,122	5,122
4043	SNOWY RIVER	COUNCIL		9,112	9,112
TOTAL 4043				9,112	9,112
4044	WINGECARRIBEE	COUNCIL		2,292	2,292
TOTAL 4044				2,292	2,292
4046	EVANS	COUNCIL		2,256	2,256
TOTAL 4046				2,256	2,256
4048	GREATER LITHGOW	COUNCIL		1,182	1,182
TOTAL 4048				1,182	1,182
4049	ULMARRA	COUNCIL		10,635	10,635

STATE ROADS SYSTEM - MAINTENANCE

ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	SOURCE OF FUNDS		TOTAL
			COMMONWEALTH	STATE	
			\$	\$	\$
TOTAL 4049				10,635	10,635
4050	WAGGA WAGGA	COUNCIL		1,747	1,747
TOTAL 4050				1,747	1,747
4051	BALLINA	COUNCIL		4,732	4,732
TOTAL 4051				4,732	4,732
4052	BLUE MOUNTAINS	COUNCIL		1,182	1,182
TOTAL 4052				1,182	1,182
4053	COONABARAERAN	COUNCIL		24,330	24,330
4053	COONABRAE	COUNCIL		29,719	29,719
TOTAL 4053				54,049	54,049
4054	EUROBCDALLA	COUNCIL		5,233	5,233
TOTAL 4054				5,233	5,233
4055	EUROBCDALLA	COUNCIL		1,275	1,275
TOTAL 4055				1,275	1,275
4056	SNOWY RIVER	COUNCIL		12,730	12,730
TOTAL 4056				12,730	12,730
TOTAL 5015	PARRAMATTA	DEPARTMENT		62,868	62,868
TOTAL 5015				62,868	62,868
5016	BANKSTOWN	DEPARTMENT		72,850	72,850
TOTAL 5016				72,850	72,850

STATE ROADS SYSTEM - MAINTENANCE					
			SOURCE OF FUNDS		
ROAD	LOCAL GOVERNMENT AREA	WORK CARRIED OUT BY	COMMONWEALTH	STATE	TOTAL
			\$	\$	\$
5033	BAULKHAM HILLS	DEPARTMENT		5,789	5,789
TOTAL 5033				5,789	5,789
5037	PARRAMATTA	DEPARTMENT		29,535	29,535
TOTAL 5037				29,535	29,535
TOTAL UNCL	ASHFIELD	DEPARTMENT		11,661	11,661
UNCL	BEGA VALLEY	DEPARTMENT		19,632	19,632
UNCL	CONCORD	DEPARTMENT		80,419	80,419
UNCL	DRUMMCYNE	DEPARTMENT		8,438	8,438
UNCL	DUMARESQ	DEPARTMENT		7,502	7,502
UNCL	DUNGOO	DEPARTMENT		9,342	9,342
UNCL	GUNNEDAH	DEPARTMENT		68,834	68,834
UNCL	HUNTERS HILL	DEPARTMENT		10,421	10,421
UNCL	KIAMA	CCOUNCIL		1,611	1,611
UNCL	KU-RING-GAI	DEPARTMENT		60,382	60,382
UNCL	KYOGLE	DEPARTMENT		166,071	166,071
UNCL	LANE COVE	DEPARTMENT		16,146	16,146
UNCL	LEIGHWART	DEPARTMENT		15,469	15,469
UNCL	MANLY	DEPARTMENT		33,716	33,716
UNCL	MOSMAN	DEPARTMENT		1,084	1,084
UNCL	NAMBUCCA	CCOUNCIL		38,473	38,473
UNCL	NEWCASTLE	DEPARTMENT		36,862	36,862
UNCL	NORTH SYDNEY	DEPARTMENT		1,051,502	1,051,502
UNCL	NYMBOIDA	DEPARTMENT		20,366	20,366
UNCL	PARRAMATTA	DEPARTMENT		5,907	5,907
UNCL	RYDE	DEPARTMENT		80,419	80,419
UNCL	SNOWY RIVER	DEPARTMENT		310,771	310,771
UNCL	SYDNEY			360,000	360,000
UNCL	SYDNEY	DEPARTMENT		1,577,142	1,577,142
UNCL	TUMBARUMBA	DEPARTMENT		352,367	352,367
UNCL	TUMUT	DEPARTMENT		44,773	44,773
UNCL	ULMARRA	CCOUNCIL		1,182	1,182
UNCL	ULMARPA	DEPARTMENT		246,804	246,804
UNCL	WAKOOL	DEPARTMENT		204,178	204,178
UNCL	WARRINGAH	DEPARTMENT		28,258	28,258
UNCL	WILLOUGHBY	DEPARTMENT		39,603	39,603
UNCL	WOLLONDILLY	CCOUNCIL		101,628	101,628
TOTAL UNCL				5,010,965	5,010,965
TOTAL OTHER ROADS				7,964,307	7,964,307

STATE ROADS SYSTEM - MAINTENANCE

SUMMARY

EXPENDITURE FROM FUNDS PROVIDED BY:

ROAD CLASSIFICATION	COMMONWEALTH \$	STATE \$	TOTAL \$
FREENWAYS	2,158,121	2,907,704	5,065,825
STATE HIGHWAYS	15,238,466	58,711,916	77,550,282
TRUNK ROADS		16,513,833	16,513,833
MAIN ROADS	9,202	61,488,444	61,497,646
OTHER ROADS		7,964,307	7,964,307
 SUB-TOTALS	 <u>17,405,789</u>	 <u>147,186,104</u>	 <u>164,591,393</u>
 MAINTENANCE OF LAND ACQUIRED FOR FUTURE WORKS		150,292	150,292
TRAFFIC ROUTE LIGHTING SUBSIDY		955,209	955,209
ENFORCEMENT OF ORDINANCE 30C OF LOCAL GOVERNMENT ACT (NET EXPENDITURE)		5,079,661	5,079,661
MISCELLANEOUS EXPENDITURE		12,383	12,383
 FINAL TOTALS	 <u>17,405,789</u>	 <u>153,323,649</u>	 <u>170,729,438</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 CLOSED CIRCUIT TELEVISION SURVEILLANCE	DEPT	6	3,580		3,580
F1	SYDNEY	SYDNEY HARBOUR BRIDGE DRIVER AID SCHEME	DEPT	6	317,484		317,484
TOTAL	F1						321,064
TOTAL		FREEWAYS			321,064		321,064

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C002

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				\$	\$	\$
1	SUTHERLAND	PRINCES HIGHWAY FROM OLD BUSH RD TO JENNINGS RD, ENGADINE	DEPT	6	110,570		110,570
	PROVISIONAL RIGHT TURN BAYS						
1	SUTHERLAND	PRINCES HIGHWAY & FARNELL AVE, LOFTUS	DEPT	6	18,133		18,133
	SIGNALS						
1	SUTHERLAND	PRINCES HIGHWAY & FORMOSA ST, SYLVANIA	DEPT	6	2,109		2,109
	SIGNALS						
1	WOLLONGONG	PRINCES HIGHWAY & FARMEBOROUGH RD 6.4 KM SOUTH OF WOLLONGONG	DEPT	6	23,816		23,816
	SIGNALS						
1	WOLLONGONG	46.6 KM TO 47.4 KM SOUTH OF SYDNEY	DEPT	6	158,215		158,215
	PROVISION OF PASSING LANES						
1	WOLLONGONG	88.4 KM TO 89.04 KM SOUTH OF SYDNEY AT DEVIATION OF MR295	COUNCIL	6	19,302		19,302
	IMPROVMENT OF INTERSECTION						
1	WOLLONGONG	MAIN NORTHERN ACCESS ROUTES TO WOLLONGONG	DEPT	6	7,382		7,382
	RAISED PAVEMENT MARKER PROGRAMME ON FOGBOUND ARTERIALS						
1	WOLLONGONG	CROWN ST & NEW DAPTO RD, WEST WOLLONGONG	DEPT	6	10,737		10,737
	SIGNALS						
	TOTAL	1					350,264
2	ALBURY	MATE ST & FALLON ST, ALBURY	DEPT	1	-23,013		-23,013
	SIGNALS						
2	ASHFIELD	HUME HIGHWAY & KNOX ST, ASHFIELD	DEPT	6	40,201		40,201
	SIGNALS						
2	ASHFIELD	HUME HIGHWAY & HOLDEN ST, ASHFIELD	DEPT	6	22,787		22,787
	SIGNALS						
2	BANKSTOWN	HUME HIGHWAY & ORCHARD ST, BASS HILL	DEPT	6	38,953		38,953
	SIGNALS						
2	BANKSTOWN	HUME HIGHWAY & HORTON ST, BASS HILL	DEPT	6	39,385		39,385
	SIGNALS						
2	GUNDAGAI	HUME HIGHWAY & MIDDLE ST, SOUTH GUNDAGAI	DEPT	1	86,721		86,721
	RECONSTRUCTION OF INTERSECTION						
2	LIVERPOOL	COPELAND ST & ELIZABETH DR, LIVERPOOL	DEPT	6	-3,498		-3,498
	RECONSTRUCTION OF SIGNALS - BLACKSPOT						

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 WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS							
STATE HIGHWAYS (CONT'D)					\$	\$	\$
2	LIVERPOOL	COPELAND ST & MEMORIAL AVE, LIVERPOOL	DEPT	6	51,002		51,002
	RECONSTRUCTION OF SIGNALS						
2	RANDWICK	INTERSECTION OF RAINBOW ST & BOTANY ST, RANDWICK	COUNCIL	6	5,308		5,308
	MEDIAN ISLAND						
2	WINGECARRIBEE	HUME HIGHWAY & BOWRAL RD, MITTAGONG	DEPT	1	628		628
	SIGNALS						
TOTAL		2					258,474
5	ASHFIELD	PARRAMATTA RD, FREDERICK ST & WATTLE ST, HABERFIELD	DEPT	6	43,163		43,163
	RECONSTRUCTION OF SIGNALS - BLACKSPOT						
5	BLUE MOUNTAINS	97.84 KM TO 98.08 KM WEST OF SYDNEY	DEPT	6	144,454		144,454
	RECONSTRUCTION TO PROVIDE RIGHT HAND TURN BAY						
5	BLUE MOUNTAINS	WARRIMOO RAILWAY STATION, WARRIMOO 69.02 KM WEST OF SYDNEY	DEPT	6	-3,129		-3,129
	SIGNALS						
5	BLUE MOUNTAINS	MT HAY RD & BRITAIN ST, LEURA 102.03 KM WEST OF SYDNEY	DEPT	6	5,859		5,859
	PEDESTRIAN OVERBRIDGE						
5	BLUE MOUNTAINS	GREAT WESTERN HIGHWAY AT BLAXLAND RAILWAY STATION	DEPT	6	34,577		34,577
	PEDESTRIAN OVERBRIDGE						
5	BLUE MOUNTAINS	GREAT WESTERN HIGHWAY & GROSE RD, FAULCONBRIDGE	COUNCIL	6	88		88
	TURNING LANE						
5	HOLROYD	GREAT WESTERN HIGHWAY, JONES ST & BERITH ST, PENDLE HILL	DEPT	6	1,013		1,013
	RECONSTRUCTION OF SIGNALS						
5	PARRAMATTA	GREAT WESTERN HIGHWAY & PITT ST, PARRAMATTA	DEPT	6	50,450		50,450
	RECONSTRUCTION OF SIGNALS						
5	PARRAMATTA	SMITH ST & PHILLIP ST, PARRAMATTA	DEPT	6	71,225		71,225
	SIGNALS						
5	PARRAMATTA	GREAT WESTERN HIGHWAY & MARSDEN ST, PARRAMATTA	DEPT	6	49,039		49,039
	RECONSTRUCTION OF SIGNALS						
5	PARRAMATTA	GREAT WESTERN HIGHWAY & O'CONNELL ST, PARRAMATTA	DEPT	6	28,806		28,806
	SIGNALS						
5	PENRITH	GREAT WESTERN HIGHWAY 51.5 KM WEST OF SYDNEY	DEPT	6	78,815		78,815
	INTERSECTION LEFT TURN LANE						

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)					\$	\$	\$
5	PENRITH	GREAT WESTERN HIGHWAY & HEWITT ST, COLYTON	DEPT	6	26,875		26,875
		INSTALLATION OF TRAFFIC SIGNALS					
	TOTAL	5					531,235
7	BOGAN	MITCHELL HIGHWAY & OLD WARREN RD, NYNGAN	COUNCIL	1	8,786		8,786
		IMPROVEMENT TO EXISTING Y JUNCTION					
7	BOGAN	MITCHELL HIGHWAY & FORD ST, NYNGAN	COUNCIL	7	7,238		7,238
		ROAD CLOSURE					
7	DUBBO	COBRA ST & DARLING ST, DUBBO	DEPT	1	13,317		13,317
		LEFT TURN LANE					
7	DUBBO	FITZROY ST & COBRA ST, DUBBO	COUNCIL	1	12,517		12,517
		PROVISION OF CENTRAL MEDIANS					
	TOTAL	7					41,858
9	ARMIDALE	VARIOUS LOCATIONS ON SH9 IN NORTH EASTERN DIVISION	COUNCIL	1	20,039		20,039
		MINOR IMPROVEMENTS					
9	ARMIDALE	NEW ENGLAND HIGHWAY, DANGAR ST & BARNEY ST, ARMIDALE	COUNCIL	1	21,293		21,293
		ROUNDAABOUT					
9	ARMIDALE	MARSH ST & DUPARESQ ST, ARMIDALE	COUNCIL	1	53,466		53,466
		ROUNDAABOUT					
9	MAITLAND	NEW ENGLAND HIGHWAY & MELBOURNE ST, EAST MAITLAND	DEPT	6	21,940		21,940
		RECONSTRUCTION OF SIGNALS					
9	MUSWELLBROOK	NEW ENGLAND HIGHWAY & SYDNEY ST, MUSWELLBROOK	DEPT	1	2,593		2,593
		SIGNALS					
9	MUSWELLBROOK	NEW ENGLAND HIGHWAY & SYDNEY ST, MUSWELLBROOK	DEPT	1	848		848
		SIGNALS					
9	TAMWORTH	NEW ENGLAND HIGHWAY, GOONOO GOONOO RD & SCOTT RD, TAMWORTH	DEPT	1	88,434		88,434
		ROUNDAABOUT					
9	TAMWORTH	INTERSECTION OF GOONOO RD & SCOTT RD, TAMWORTH	COUNCIL	1	122,247		122,247
		ROUNDAABOUT					
	TOTAL	9					330,860

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C005

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								
STATE HIGHWAYS (CONT'D)						\$	\$	\$
10	COFFS HARBOUR	SH10, ORLANDO ST & BRAY ST, COFFS HARBOUR	DEPT	1		60,341		60,341
	RECONSTRUCTION OF SIGNALS							
10	GREAT LAKES	PACIFIC HIGHWAY AT ST JOSEPHS SCHOOL BULANDELAH	COUNCIL	1		10,668		10,668
	PROVISION OF BUS STOPPING AREA							
10	LAKE MACQUARIE	PACIFIC HIGHWAY & MARKS POINT RD, MARKS POINT	DEPT	6		49,118		49,118
	CHANNELISATION OF INTERSECTION							
10	LAKE MACQUARIE	PACIFIC HIGHWAY & MAUDE ST, BELMONT	DEPT	6		46,177		46,177
	TRAFFIC SIGNALS							
10	NEWCASTLE	KING ST & UNION ST, NEWCASTLE	DEPT	6		1,591		1,591
	SIGNAL RECONSTRUCTION							
10	NEWCASTLE	MAITLAND RD & HUBBARD ST, ISLINGTON	DEPT	6		48,978		48,978
	TRAFFIC SIGNALS							
10	WYONG	SH10 & RIVER RD, WYONG	COUNCIL	6		12,245		12,245
	CHANNELISATION							
TOTAL 10								229,118
11	WARREN	APPROACH TO BRIDGE OVER MACQUARIE RIVER WARREN	COUNCIL	1		8,786		8,786
	PEDESTRIAN GRADE SEPARATION							
TOTAL 11								8,786
16	LISMORE	UNION ST & ELLIOT RD, LISMORE	COUNCIL	2		49,091		49,091
	ROUNDBOUT							
TOTAL 16								49,091
17	DUBBO	DARLING ST & WINGWARRA ST, DUBBO	DEPT	1		136,515		136,515
	SIGNALS							
17	MOREE PLAINS	BALO ST & HEBER ST, MOREE	DEPT	1		47,257		47,257
	SIGNALS							
17	NARRABRI	46.1 KM NORTH OF NARRABRI	COUNCIL	1		25,981		25,981
	IMPROVEMENT OF INTERSECTION							
17	PARKES	RAILWAY LEVEL CROSSING 0.8 KM SOUTH OF PARKES	DEPT	6		214,542		214,542
	WIDENING							

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'WLTH	SOURCE OF STATE	OF FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		STATE HIGHWAYS (CONT'D)		\$	\$	\$	\$
17	TAMWORTH	DARLING ST TO MARIUS ST, TAMWORTH					
	CYCLEWAYS		COUNCIL 1		19,787		19,787
	TOTAL	17					444,082
21	MURRAY	COBB HIGHWAY & FRANCIS ST, MOAMA					
	CLOSURE OF INTERSECTION		COUNCIL 2		14,013		14,013
	TOTAL	21					14,013
22	BROKEN HILL	SILVER CITY HIGHWAY & WILLIAMS ST, BROKEN HILL					
	CHANNELISATION OF INTERSECTION		COUNCIL 2		8,784		8,784
	TOTAL	22					8,784
	TOTAL	STATE HIGHWAYS		273,174	1,993,391		2,266,565

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	OF FUNDS LOANS	TOTAL
CONSTRUCTION WORKS							
TRUNK ROADS							
					\$	\$	\$
54	GOULBURN ROUNDAABOUT	GOLDSMITH ST, DECCAN ST & MOUNT ST, GOULBURN	COUNCIL 2		50,204		50,204
	TOTAL	54					50,204
67	WAKOOL IMPROVEMENT OF INTERSECTION	TR67 & TR94 4.0 KM NORTH OF SWAN HILL	COUNCIL 2		21,337		21,337
	TOTAL	67					21,337
68	BOURKE IMPROVEMENT OF LEVEL CROSSING	TR68 & RAILWAY LEVEL CROSSING, BOURKE	COUNCIL 3		8,786		8,786
	TOTAL	68					8,786
78	COOTAMUNDRA ROUNDAABOUT	TR78 & TR84, WALLENDREEN	COUNCIL 2		81,582		81,582
78	WAGGA WAGGA MINOR CONSTRUCTION WORKS	VARIOUS LOCATIONS	COUNCIL 2		93,552		93,552
	TOTAL	78					175,134
80	CARRATHOOL ROUNDAABOUT	TR80 & MR501 AT HILLSTON	COUNCIL 3		35,143		35,143
80	GRIFFITH ROUNDAABOUT	TR80 & CROSSING ST, GRIFFITH	COUNCIL 3		85,747		85,747
80	GRIFFITH SIGNALS	BANNA AVE & JONDERRYAN ST, GRIFFITH	DEPT 3		75		75
	TOTAL	80					120,965
83	GRAFTON ROUNDAABOUT	PRINCE & FITZROY ST, GRAFTON	COUNCIL 2		52,275		52,275
83	GRAFTON ROUNDAABOUT	FITZROY ST & VILLIERS ST, GRAFTON	COUNCIL 2		32,265		32,265
	TOTAL	83					84,540
	TOTAL	TRUNK ROADS			460,966		460,966

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0008

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						\$	\$	\$
111	GREAT LAKES ROUNDAABOUT	MACINTOSH ST & MARK ST, FORSTER	COUNCIL	3		42,423		42,423
TOTAL	111							42,423
125	ALBURY MODERNISATION OF CONTROLLER	URANA ST & UNION ST, LAVINGTON	DEPT	3		11,879		11,879
TOTAL	125							11,879
154	PENRITH SIGNALS	BRINGELLY RD & F4 OFF-LOADING RAMP, KINGSWOOD	DEPT	6		32,042		32,042
TOTAL	154							32,042
157	BAULKHAM HILLS SIGNALS	SHOWGROUND RD & PENNANT ST, CASTLE HILL	COUNCIL	6		32,979		32,979
TOTAL	157							32,979
159	MANLY SIGNALS	PITTWATER RD, BELGRAVE ST & RAGLAN ST, MANLY	DEPT	6		1,275		1,275
TOTAL	159							1,275
164	WARRINGAH SIGNALS	PITTWATER RD, PINE ST & MITCHELL ST, BROOKVALE	DEPT	6		24,368		24,368
164	WARRINGAH SIGNALS	BARRENJOEY RD & BEACONSFIELD RD, NEWPORT	DEPT	6		31,262		31,262
TOTAL	164							55,630
167	MARRICKVILLE SIGNALS - BLACKSPOT	STANMORE RD & MERCHANT ST, STANMORE	DEPT	6		1,025		1,025
TOTAL	167							1,025
168	HURSTVILLE SIGNALS	FOREST RD & MACQUARIE ST, HURSTVILLE	DEPT	6		43,277		43,277

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	OF FUNDS LOANS	TOTAL
CONSTRUCTION WORKS					\$	\$	\$
MAIN ROADS (CONT'D)							
168	HURSTVILLE	FOREST RD & MILLU AVE, PEAKHURST PEDESTRIAN SIGNALS	DEPT	6	124		124
168	ROCKDALE	FOREST RD NORTH & FREDERICK ST, BEXLEY SIGNALS	DEPT	6	7,962		7,962
168	ROCKDALE	FOREST RD & WOLLI CREEK RD, ARNCIFFE TRAFFIC SIGNALS	DEPT	6	40,964		40,964
168	ROCKDALE	FOREST RD, SOPERVILLE ST & FIRTH ST, ARNCIFFE SIGNALS	DEPT	6	38,069		38,069
TOTAL		168					130,396
170	BOTANY	BOTANY RD & CCWARD ST, BOTANY RECONSTRUCTION OF SIGNALS & ASSOCIATED WORKS	DEPT	6	12,426		12,426
TOTAL		170					12,426
171	RANDWICK	ANZAC PDE & FRANKLIN ST, MALABAR PEDESTRIAN SIGNALS	DEPT	7	6,635		6,635
171	RANDWICK	ANZAC PDE & DONCASTER AVE, KENSINGTON SIGNALS	DEPT	6	30,654		30,654
171	RANDWICK	TAY ST TO DONCASTER AVE, KENSINGTON BIKEWAY	DEPT	6	-9,527		-9,527
171	RANDWICK	ANZAC PDE, DUKE ST & BOWRAL ST, KENSINGTON SIGNALS	DEPT	6	49,760		49,760
171	SYDNEY	ANZAC PDE & MACARTHUR AVE, MCCRE PARK PEDESTRIAN SIGNALS	DEPT	6	11,558		11,558
TOTAL		171					89,080
177	CAMPBELLTOWN	MOORE-OXLEY RD & BRADBURY AVE, CAMPBELLTOWN SIGNALS	DEPT	7	16,423		16,423
177	CAMPBELLTOWN	CAMPBELLTOWN RD & LEUMEAN RD, CAMPBELLTOWN SIGNALS	DEPT	6	16,285		16,285
177	LIVERPOOL	CAMPBELLTOWN RD & GLENFIELD RD, GLENFIELD RECONSTRUCTION OF SIGNALS	DEPT	6	16,380		16,380

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0010

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	177						49,088
184	BAULKHAM HILLS	WINDSOR RD & VICTORIA AVE, CASTLE HILL	DEPT	6	257,477		257,477
	RIGHT TURN LANE						
184	HAWKESBURY	25.9 KM TO 26.2 KM WEST OF PARRAMATTA AT RIVERSTONE	DEPT	6	1,242		1,242
	CHANNELISATION OF INTERSECTION						
TOTAL	184						258,719
191	WILLOUGHBY	MILLWOOD AVE & LADY GAME DR, LANE COVE	DEPT	6	41,636		41,636
	SIGNALS						
TOTAL	191						41,636
200	CONCORD	CONCORD RD & ELAXLAND RD, RHODES	DEPT	6	58,724		58,724
	RECONSTRUCTION OF SIGNALS						
TOTAL	200						58,724
217	LAKE MACQUARIE	TORONTO RD & FIRST ST, BOCRAGUL	DEPT	6	18,095		18,095
	SIGNALS						
217	LAKE MACQUARIE	BOOLOOROO TO EORAGUL	COUNCIL	6	34,597		34,597
	BIKEWAY						
217	NEWCASTLE	THOMAS ST & NEWCASTLE RD, WALLSEND	COUNCIL	7	32,209		32,209
	CHANNELISATION OF "T" JUNCTION						
TOTAL	217						84,901
223	LAKE MACQUARIE	WEST WALLSEND RD & FREDERICK ST, GLENDALE	DEPT	6	24,925		24,925
	SIGNALS						
TOTAL	223						24,925
227	SUTHERLAND	PORT HACKING RD & MELROSE AVE, SYLVANIA	DEPT	6	11,863		11,863
	SIGNALS						
227	SUTHERLAND	BANKSIA RD TO NULLABURRA RD, CARINGBAH	COUNCIL	6	138,249		138,249
	IMPROVEMENT OF CURVES						

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C011

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS		MAIN ROADS (CONT'D)		\$	\$	\$
227	SUTHERLAND ROUNDAOUT	PORT HACKING RD, THE BOULEVARDE & KIORA RD, MIRANDA	COUNCIL 6	3,254		3,254
TOTAL	227					153,366
319	WAKOOL	MR319 & MR341 9.0 KM NORTH OF BARHAM IMPROVEMENT OF INTERSECTION	COUNCIL 3	18,827		18,827
319	WAKOOL	MR319 & THULE ST, BARHAM RECONSTRUCTION OF EXISTING TEMPORARY TRAFFIC ISLANDS	COUNCIL 3	6,276		6,276
TOTAL	319					25,103
321	MURRUMBIDGEE	MR321 & KINGFISHER AVE 73.55 KM NORTH OF JERILDERIE IMPROVEMENT OF INTERSECTION	COUNCIL 3	27,229		27,229
TOTAL	321					27,229
326	NEWCASTLE ROUNDAOUT	BRIDGES RD & CARNLEY AVE, NEW LAMBTON	COUNCIL 6	68,247		68,247
TOTAL	326					68,247
330	SYDNEY	SOUTH DOWLING ST & CLEVELAND ST, MOORE PARK SKID RESISTANCE - BLACKSPOT	DEPT 6	97,640		97,640
TOTAL	330					97,640
336	GOSFORD SIGNALS	THE ENTRANCE RD & AVOCA DR, ERINA	DEPT 7	24,886		24,886
TOTAL	336					24,886
344	BOTANY	WENTWORTH AVE & PAGE ST, PAGWOOD RECONSTRUCTION OF SIGNALS	DEPT 6	99,119		99,119
TOTAL	344					99,119
349	GOSFORD	OCEAN BEACH RD & WEST ST, UMINA CHANNELISATION OF INTERSECTION	COUNCIL 7	3,245		3,245

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.CD12

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)			\$	\$	\$
349	GOSFORD	BARRENJOEY RD & WEST ST, UMINA					
	ROUNDAOUT			COUNCIL 7	84,487		84,487
	TOTAL	349					87,732
373	HORNSBY	CARLINGFORD RD & BEECROFT RD, EPPING					
	RECONSTRUCTION OF INTERSECTION		DEPT	6	217,680		217,680
373	LANE COVE	EPPING RD, LONGUEVILLE RD & PARKLANDS AVE, LANE COVE					
	SIGNALS		DEPT	6	1,804		1,804
373	RYDE	EPPING RD & VIMIERA RD, EPPING					
	RECONSTRUCTION OF SIGNALS		DEPT	6	52,220		52,220
373	RYDE	EPPING RD & WICKS RD, NORTH RYDE					
	RECONSTRUCTION OF SIGNALS		DEPT	6	32,189		32,189
	TOTAL	373					303,893
395	DRUMMOYNE	GREAT NORTH RD & LYONS RD, FIVE DOCK					
	RECONSTRUCTION OF TRAFFIC SIGNALS		DEPT	6	48,566		48,566
	TOTAL	395					48,566
512	LIVERPOOL	HEATHCOTE RD NEAR KEATO AVE, HAMMONDVILLE					
	PEDESTRIAN SIGNALS		DEPT	6	21,594		21,594
	TOTAL	512					21,594
516	GREATER LITHGOW	MORT ST & LITHGOW ST, LITHGOW					
	SKID RESISTANCE TREATMENT		DEPT	2	25,012		25,012
	TOTAL	516					25,012
522	SHELLHARBOUR	SHELLHARBOUR RD, KEROS & BARRACK AVE, BARRACK HEIGHTS					
	SIGNALS		DEPT	6	587		587
	TOTAL	522					587
523	LEIGHHARDT	PYRMONT BRIDGE RD & TAYLOR ST, PYRMONT					
	SIGNALS		DEPT	6	20,808		20,808

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C013

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	523							20,808
532	AUBURN	SILVERWATER RD FROM CLYDE ST TO EGERTON ST, SILVERWATER	DEPT	6		45,913		45,913
		PROVISION OF RIGHT TURN BAYS & CLOSURE OF MEDIANS						
TOTAL	532							45,913
537	BLACKTOWN	ROOTY HILL RD NORTH & RICHMOND RD, PLUMPTON	DEPT	6		80		80
		CHANNELISATION OF INTERSECTION						
TOTAL	537							80
549	BURWOOD	BURWOOD RD & GEORGES RIVER RD, CROYDON PARK	DEPT	6		10,855		10,855
		RECONSTRUCTION OF SIGNALS						
TOTAL	549							10,855
568	WOLLONGONG	KEIRA ST & SWAN ST, WOLLONGONG	COUNCIL	7		45,710		45,710
		ROUNDAABOUT						
568	WOLLONGONG	SPRINGHILL RD & BRIDGE ST, CONISTON 2.2 KM SOUTH OF WOLLONGONG	DEPT	6		26,932		26,932
		SIGNALS						
TOTAL	568							72,642
578	LIVERPOOL	TERMINUS ST & PIRIE ST, LIVERPOOL	DEPT	6		20,143		20,143
		SIGNALS						
TOTAL	578							20,143
587	HORNSBY	GEORGE ST & BLADETT ST, HORNSBY	DEPT	6		12,750		12,750
		SIGNALS						
TOTAL	587							12,750
594	SYDNEY	WATTLE ST & WILLIAM HENRY ST, ULTIMO	DEPT	6		76,001		76,001
		RECONSTRUCTION OF SIGNALS						
TOTAL	594							76,001

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	ECP WLTN	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WCRKS		MAIN ROADS (CONT'D)				\$	\$	\$
595	SYDNEY SIGNALS	JONES ST & GIFPS ST, PYRMONT	DEPT	6		166,653		166,653
	TOTAL	595						166,653
599	WILLOUGHBY SIGNALS	EASTERN VALLEY WAY & SAILORS BAY RD, NORTHBRIDGE	DEPT	6		130		130
	TOTAL	599						130
604	NEWCASTLE RECONSTRUCTION OF SIGNALS	TUDOR ST & BEAUMONT ST, HAMILTON	DEPT	6		37,341		37,341
	TOTAL	604						37,341
609	FAIRFIELD SIGNALS	THE HORSLEY DR & TANGERINE ST, FAIRFIELD	DEPT	6		65		65
	TOTAL	609						65
	TOTAL	MAIN ROADS				2,373,503		2,373,503

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				\$	\$	\$
2007	MARRICKVILLE SIGNALS	PARK RD, PETERSHAM RD & SYDENHAM RD, MARRICKVILLE	DEPT	8	10,998		10,998
TOTAL	2007						10,998
2013	ASHFIELD SKID RESISTANCE	RAMSAY RD & WATTLE ST, HABERFIELD - BLACKSPOT	DEPT	7	16,138		16,138
2013	LEICHHARDT SIGNALS	MARION ST & BALMAIN RD, LEICHHARDT	DEPT	7	7,173		7,173
TOTAL	2013						23,311
2043	KU-RING-GAI ROUNDAABOUT	EASTERN ARTERIAL RD, HORACE, EUCALYPTUS & HUNTER STS, ST IVES	COUNCIL 6		120,636		120,636
TOTAL	2043						120,636
2046	LEICHHARDT RECONSTRUCTION OF SIGNALS	JAMES ST & MARY ST & LILYFIELD RD, LILYFIELD	DEPT	7	16,001		16,001
TOTAL	2046						16,001
2049	PARRAMATTA SIGNALS - BLACKSPOT	PARKES ST & STATION ST, PARRAMATTA	DEPT	7	48,105		48,105
TOTAL	2049						48,105
2050	CANTERBURY SIGNALS - BLACKSPOT	BELMORE RD & LIGGS RD, PUNCEBOWL	DEPT	7	29,864		29,864
TOTAL	2050						29,864
2052	RYDE SIGNALS	PITTWATER RD, PRINCES ST & THOMPSON ST, BORONIA PARK	DEPT	6	3,348		3,348
TOTAL	2052						3,348
2058	RYDE RECONSTRUCTION OF SIGNALS	COX'S RD & WICKS RD, NORTH RYDE	DEPT	6	29,369		29,369

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C016

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)				\$	\$	\$
TOTAL	2058						29,369
2059	CONCORD	BURWOOD RD & GIPPS ST, CONCORD RECONSTRUCTION OF SIGNALS	DEPT	7	38,106		38,106
TOTAL	2059						38,106
2065	ASHFIELD	NORTON ST & HOLDEN ST, ASHFIELD SIGNALS	DEPT	7	17,656		17,656
TOTAL	2065						17,656
2066	PARRAMATTA	O'CONNELL ST & ARGYLE ST, PARRAMATTA RECONSTRUCTION OF SIGNALS	DEPT	8	8,377		8,377
2066	PARRAMATTA	MACQUARIE ST & O'CONNELL ST, PARRAMATTA RECONSTRUCTION OF SIGNALS	DEPT	7	9,538		9,538
2066	PARRAMATTA	O'CONNELL ST & GEORGE ST, PARRAMATTA SIGNALS	DEPT	7	10,487		10,487
2066	PARRAMATTA	MACQUARIE ST & O'CONNELL ST, PARRAMATTA RECONSTRUCTION OF SIGNALS	DEPT	7	29,898		29,898
TOTAL	2066						58,300
2069	AUBURN	RAWSON ST, THE CRESCENT, & SCUTH PARADE, AUBURN SIGNALS	DEPT	7	36,012		36,012
TOTAL	2069						36,012
2070	NORTH SYDNEY	RIVER RD & SHIRLEY RD, CROWS NEST SIGNALS	DEPT	7	37,382		37,382
TOTAL	2070						37,382
2071	FAIRFIELD	CANLEY VALE RD & CAMERIDGE ST, CANLEY VALE SIGNALS	DEPT	6	4,402		4,402
TOTAL	2071						4,402

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)				\$	\$	\$
2081 RYDE SIGNALS	RUTLEDGE ST & TRELAWNEY ST, EASTWOOD	DEPT	7		23,315		23,315
TOTAL	2081						23,315
2084 BAULKHAM HILLS SIGNALS	SEVEN HILLS RD & MERINDAH RD, WEST BAULKHAM HILLS	DEPT	6		46,727		46,727
2084 BLACKTOWN RECONSTRUCTION OF SIGNALS	SEVEN HILLS RD & STATION RD, SEVEN HILLS	DEPT	6		33,556		33,556
TOTAL	2084						80,283
2085 BLACKTOWN SIGNALS	RICHMOND RD & DAVIS RD, MARAYONG	DEPT	6		11,875		11,875
2085 BLACKTOWN PEDESTRIAN SIGNALS	BLACKTOWN RD & KEYNORTH DR, BLACKTOWN	DEPT	6		40,037		40,037
TOTAL	2085						51,912
2096 AUBURN SIGNALS	VAUGHAN ST & WOODBURN RD, BERALA	DEPT	7		26,943		26,943
TOTAL	2096						26,943
4030 HASTINGS IMPROVEMENT OF VISIBILITY	PRIMARY SCHOOL BUS TERMINUS, NORTH HAVEN	COUNCIL	5		4,747		4,747
TOTAL	4030						4,747
ALBURY SIGNALS	DAVID ST & GUINEA ST, ALBURY	DEPT	4		65,998		65,998
AUBURN ROUNDBOUT	PARK RD, CARLINGFORD RD, AMY ST & AUBURN ST, REGENTS PARK	DEPT	3		4,004		4,004
AUBURN ROUNDBOUT	WOODBURN RD & TILBA RD, BERALA	COUNCIL	8		24,783		24,783
BALLINA BIKEWAY	MISSINGHAM BRIDGE TO LIGHTHOUSE BEACH, BALLINA	COUNCIL	4		20,240		20,240

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX B.1.0018

ROAD LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST NAASRA AUTH RD CL CON WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)		\$	\$	\$
BANKSTOWN SIGNALS	HECTOR ST & PROCTOR PDE, SEFTCN	DEPT 7	29,158		29,158
BANKSTOWN ROUNDAABOUT	CHRISTINA RD, WALDRON ST & MILLER RD, LEIGHTONFIELD	COUNCIL 7	42,223		42,223
BANKSTOWN SIGNALS	WATTLE ST TO WATERLOO RD, BANKSTOWN	DEPT 7	28,195		28,195
BATHURST SIGNPOSTING FOR	VARIOUS LOCATIONS INTERSECTION CONTROL	COUNCIL 4	105,242		105,242
BATHURST BIKEWAY	BATHURST TO KELSO	COUNCIL 4	27,910		27,910
BAULKHAM HILLS ROUNDAABOUT	MURRAY FARM RD & OAKES RD, CARLINGFORD	COUNCIL 7	22,040		22,040
BAULKHAM HILLS MISCELLANEOUS MINOR WORKS	VARIOUS LOCATIONS	DEPT 6	39,458		39,458
BAULKHAM HILLS MINOR IMPROVEMENTS TO EXISTING SIGNALS	VARIOUS LOCATIONS IN BLACKTOWN DIVISION	DEPT 6	26,223		26,223
BAULKHAM HILLS SIGNALS	BARCLAY RD & TIERMAN AVE, NORTH ROCKS	DEPT 8	16,662		16,662
BELLINGEN BIKEWAY	PRINCE ST TO BELLINGEN HIGH SCHOOL, BELLINGEN	COUNCIL 4	9,865		9,865
BLACKTOWN SIGNALS	CARLISLE AVE & KURRAJONG AVE, MT DRUITT	COUNCIL 7	34,840		34,840
BLACKTOWN ROUNDAABOUT	NEWTON RD & WALTERS RD, BLACKTOWN	COUNCIL 7	34,587		34,587
BLACKTOWN SIGNALS	MAIN ST, NEWTON RD, SUNNYHOLT RD & BLACKTOWN RD, BLACKTOWN	DEPT 7	28,017		28,017
BLACKTOWN RECONSTRUCTION OF SIGNALS	MAIN ST, FLUSHCOMBE RD & RAILWAY SQUARE, ELACKTOWN	DEPT 7	52,504		52,504
BLACKTOWN SIGNALS	SUNNYHOLT RD & BESSEMER ST, BLACKTOWN	DEPT 7	36,776		36,776
BLUE MOUNTAINS SIGNPOSTING FOR	VARIOUS LOCATIONS INTERSECTION CONTROL	COUNCIL 8	20,534		20,534

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.CO19

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)				\$	\$	\$
BOGAN	ALL CONTROLLED 4-WAY INTERSECTIONS COMPLETION OF SIGNPOSTING		COUNCIL	4	4,627		4,627
BOGAN	BOGAN ST & WARREN ST, NYNGAN SCHOOL BUS BAYS		COUNCIL	4	4,988		4,988
BREWARRINA	ALL CONTROLLED 4-WAY INTERSECTIONS COMPLETION OF SIGNPOSTING		COUNCIL	4	2,581		2,581
BROKEN HILL	WILLIAM ST & EXIDE ST, BROKEN HILL ROUNDAABOUT		COUNCIL	3	28,897		28,897
CAMDEN	ARGYLE ST & MURRAY ST, CAMDEN ROUNDAABOUT		COUNCIL	7	15,206		15,206
CAMDEN	ARGYLE ST & JOHN ST, CAMDEN ROUNDAABOUT		COUNCIL	4	35,252		35,252
CAMPBELLTOWN	RUDD RD & O'SULLIVAN RD, LEUPEAH ROUNDAABOUT		COUNCIL	8	53,046		53,046
CAMPBELLTOWN	DUMARESQ ST & HURLEY ST, CAMPBELLTOWN SIGNALS		DEPT	8	12,168		12,168
CAMPBELLTOWN	HAROLD ST & ROSEWOOD DR, MACQUARIE FIELDS SIGNALS		DEPT	7	-9,178		-9,178
CONCORD	BROUGHTON ST & GIPPS ST, CONCORD TRAFFIC SIGNALS		DEPT	7	24,429		24,429
COOLAMON	UNCONTROLLED INTERSECTIONS ON RURAL LOCAL ROADS COMPLETION OF SIGNPOSTING		COUNCIL	4	18,404		18,404
DENILIQUIN	UNCONTROLLED INTERSECTIONS ON LOCAL ROADS SIGNPOSTING FOR INTERSECTION CONTROL		COUNCIL	4	8,005		8,005
DENILIQUIN	DENILIQUIN TOWN BYPASS SIGNPOSTING & INTERSECTION IMPROVEMENT		COUNCIL	4	11,385		11,385
EUROBODALLA	HANGING ROCK TO CORRIGANS BEACH RESERVE, EATEMANS BAY BIKEWAY		COUNCIL	4	12,792		12,792
FAIRFIELD	NELSON ST, BARBARA ST & STATION ST, FAIRFIELD SIGNALS		DEPT	7	17,220		17,220
FAIRFIELD	SACKVILLE ST & CANLEY VALE RD, CANLEY VALE RECONSTRUCTION OF SIGNALS - BLACKSPOT		DEPT	7	14,694		14,694

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 COP'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
CONSTRUCTION WORKS	OTHER ROADS (CONT'D)			\$	\$	\$	\$
FAIRFIELD ROUNDAABOUT	GLADSTONE ST & ST JOHN'S RD, CABRAMATTA		COUNCIL 8		28,064		28,064
FAIRFIELD ROUNDAABOUT	HAMILTON RD, YORK ST & BARBARA ST, FAIRFIELD		COUNCIL 8		44,920		44,920
FAIRFIELD ROUNDAABOUT	EDENSOR RD & HUMPHRIES RD, BCANYRIGG		COUNCIL 8		39,096		39,096
FAIRFIELD SIGNALS	FAIRFIELD ST OFF-RAMP FROM FAIRFIELD OVERBRIDGE		DEPT 8		11,388		11,388
FAIRFIELD MINOR RECONSTRUCTION WORKS	VARIOUS LOCATIONS		DEPT 8		182,158		182,158
FAIRFIELD PROVISION OF SKID RESISTANCE	VARIOUS LOCATIONS		DEPT 7		68,705		68,705
GOSFORD MINOR RECONSTRUCTION WORKS	VARIOUS LOCATIONS		DEPT 8		7,820		7,820
GOSFORD IMPROVEMENT OF INTERSECTION	BLACKWALL RD & ORANGE GROVE RD, BLACKWALL		COUNCIL 4		1,490		1,490
GREATER LITHGOW RECONSTRUCTION OF SIGNALS	MAIN ST & ESKEANK ST, LITHGOW		DEPT 3		1,441		1,441
GREATER TAREE ROUNDAABOUT	MULDON ST, COWPER ST, MILLIGAN ST & KORONGA DR, TAREE		COUNCIL 4		74,202		74,202
GREATER TAREE CONCRETE TRAFFIC ISLANDS	WINTER ST AT PANNING ST & AT FULTENEY ST, TAREE		COUNCIL 4		4,703		4,703
HASTINGS ROUNDAABOUT	BRIDGE ST & LCRD ST, PORT MACQUARIE		COUNCIL 5		110,104		110,104
HOLROYD SIGNALS	CORNELIA RD & RAILWAY OVERBRIDGE, TOONGABBIE		DEPT 7		-972		-972
HOLROYD ROUNDAABOUT	HAWKESVIEW RD & FOWLER RD, MERRYLANDS		COUNCIL 8		13,600		13,600
HORNSBY PEDESTRIAN REFUGE ISLAND	SUTHERLAND RD & BEECROFT RD, BEECROFT		DEPT 8		2,282		2,282
HORNSBY INTERSECTION IMPROVEMENTS	VARIOUS LOCATIONS		COUNCIL 7		26,540		26,540

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)				\$	\$	\$
HORNSBY SIGNALS	BALDWIN AVE, SHERBROOK RD & ROYSTON RD, ASQUITH	DEPT	7		31,364		31,364
HUNTERS HILL SIGNALS	CHURCH ST & EAST SIDE OF OVERPASS RAMP, HUNTER'S HILL	DEPT	7		1,230		1,230
HUNTERS HILL SIGNALS	GLADESVILLE RD & JOUBERT ST, HUNTER'S HILL	DEPT	7		-1,103		-1,103
HURSTVILLE SIGNALS	QUEENS RD & CROYDEN RD, HURSTVILLE	DEPT	8		35,580		35,580
KU-RING-GAI SIGNALS	WERONA AVE & LOCKSLEY ST, KILLARA	DEPT	7		14,536		14,536
KU-RING-GAI SIGNALS	YANCO RD & WALLALONG CRES, PYMBLE	DEPT	8		189		189
LAKE MACQUARIE COMPLETION OF SIGNPOSTING	ALL UNCONTROLLED FOUR WAY INTERSECTIONS	DEPT	8		950		950
LAKE MACQUARIE RECONSTRUCTION OF SIGNALS	VARIOUS SITES	DEPT	7		29,576		29,576
LANE COVE SIGNALS	LONGUEVILLE RD & AUSTIN ST, LANE COVE	DEPT	7		2,097		2,097
LEICHHARDT SKID RESISTANCE	NORTON ST & WILLIAM ST, LEICHHARDT	DEPT	7		10,033		10,033
LEICHHARDT SIGNALS	DARLING ST, ROYNTREE ST & MONTAGUE ST, BALMAIN	DEPT	7		34,516		34,516
LIVERPOOL ROUNDBOUT	HOXTON PARK RD, COWPASTURE RD & FIFTEENTH AVE, HOXTON PARK	COUNCIL	7		57,905		57,905
MARRICKVILLE SIGNALS	UNWINS BRIDGE RD, BEDWIN RD & MAY ST, ST PETERS	DEPT	7		26,450		26,450
MERRIWA MINOR IMPROVEMENTS	VARIOUS LOCATIONS IN NORTH WESTERN DIVISION	COUNCIL	3		5,020		5,020
MUDGE SIGNPOSTING FOR INTERSECTION CONTROL	VARIOUS LOCATIONS	COUNCIL	4		6,540		6,540
NEWCASTLE SIGNALS	HUNTER ST & MEREWETHER ST, NEWCASTLE	DEPT	8		681		681

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0022

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)				\$	\$	\$
NEWCASTLE BIKEWAY	UNIVERSITY AT SHORTLAND TO NEWCASTLE CITY AREA		COUNCIL 8		22,301		22,301
NEWCASTLE BIKEWAYS	NEWCASTLE AREA BIKEWAY PLAN - VARIOUS LOCATIONS		COUNCIL 6		113,070		113,070
NEWCASTLE BIKEWAYS	NEWCASTLE CITY AREA		COUNCIL 6		1,190		1,190
OBERON SIGNPOSTING FOR	VARIOUS LOCATIONS INTERSECTION CONTROL		COUNCIL 4		3,702		3,702
ORANGE ROUNDAABOUT	LORDS PLACE & BYNG ST, ORANGE		COUNCIL 4		44,788		44,788
ORANGE ROUNDAABOUT	ANSON ST & BYNG ST, ORANGE		COUNCIL 4		44,788		44,788
PARKES COMPLETION OF SIGNPOSTING	ALL FOUR-WAY INTERSECTIONS		COUNCIL 4		33,231		33,231
PARRAMATTA RECONSTRUCTION OF SIGNALS	PITT ST, ARGYLE ST & PARK PDE, PARRAMATTA		DEPT 7		59,909		59,909
PARRAMATTA CHANNELISATION - BLACKSPOT	GEORGE ST & HARRIS ST, PARRAMATTA		COUNCIL 8		24,094		24,094
PARRAMATTA CHANNELISATION - BLACKSPOT	HAMMERS RD & KLEINS RD, NORTHMEAD		COUNCIL 8		6,772		6,772
PARRAMATTA SIGNALS	FITZWILLIAM RD & OLD WINDSOR RD, TOONGABBIE		DEPT 7		-18,200		-18,200
PENRITH CHANNELISATION	GLOSSOP ST AT HARRIS ST, HOBART ST & PHILLIP ST, ST MARYS		COUNCIL 8		40,490		40,490
PORT STEPHENS BIKEWAY	SHADY AVE TO CHRIS AVE, SALT ASH		COUNCIL 4		10,176		10,176
RANDWICK SIGNALS - BLACKSPOT	MALABAR RD & MAROUBRA RD, MAROUBRA		DEPT 7		36,543		36,543
SHELLHARBOUR BIKEWAY	KONRADS RD TO STANLEY ST 7.6 KM TO 8.5 KM SOUTH OF WARRAWONG		COUNCIL 4		1,384		1,384
SHELLHARBOUR BIKEWAY	6.8 KM TO 8.5 KM SOUTH OF WARRAWONG		COUNCIL 8		1,384		1,384

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0023

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	OTHER ROADS (CONT'D)				\$	\$	\$
SHOALHAVEN	SIX SECTIONS IN BOMADERRY BIKEWAY PROJECTS (A) TO (F)		COUNCIL	4	7,951		7,951
SUTHERLAND	GEORGES RIVER RD AT CARVER RD, OYSTER BAY ROUNDAABOUT		COUNCIL	8	22,573		22,573
SYDNEY	OXFORD ST CONTROL CENTRE DRIVER AID - CONSTRUCTION		DEPT	6	27,081		27,081
SYDNEY	PITT ST MALL, SYDNEY TRAFFIC MANAGEMENT		DEPT.	8	310,612		310,612
SYDNEY	YORK ST CLOSURE, SYDNEY VARIOUS TRAFFIC FACILITIES WORKS		DEPT	6	119,884		119,884
SYDNEY	GEORGE ST & BCND ST, SYDNEY SIGNALS		DEPT	6	-8,675		-8,675
SYDNEY	SYDNEY ENTERTAINMENT CENTRE, HAYMARKET IMPROVEMENT OF INTERSECTION		COUNCIL	8	163,132		163,132
SYDNEY	INNER CITY BIKE PLAN STAGE 1 CYCLEWAY		COUNCIL	4	5,562		5,562
SYDNEY	CROWN ST & STANLEY ST, DARLINGHURST SIGNALS		DEPT	6	32,397		32,397
SYDNEY	BURTON ST & CROWN ST, DARLINGHURST SIGNALS		DEPT	6	29,632		29,632
SYDNEY	BURTON ST & BURKE ST, DARLINGHURST SIGNALS		DEPT	6	32,006		32,006
SYDNEY	BURTON ST & DARLINGHURST RD, DARLINGHURST SIGNALS		DEPT	7	35,344		35,344
SYDNEY	VARIOUS LOCATIONS, ST PETERS RECONSTRUCTION OF SIGNALS		DEPT	8	53,619		53,619
SYDNEY	PARRAMATTA RD & GLEBE POINT RD, SYDNEY RECONSTRUCTION OF SIGNALS & ASSOCIATED ROADWORKS		DEPT	8	40,924		40,924
TAMWORTH	KENT RD & MANCNEY AVE, TAMWORTH ROUNDAABOUT		COUNCIL	4	38,518		38,518
WAGGA WAGGA	BEST ST & FORSYTH ST, WAGGA WAGGA ROUNDAABOUT - BLACKSPOT		COUNCIL	7	5,468		5,468

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0024

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)			\$	\$	\$	\$
	WAGGA WAGGA	BEST ST & MOREAN ST, WAGGA WAGGA						
	ROUNDAABOUT		COUNCIL	7		4,558		4,558
	WAGGA WAGGA	TRAIL ST & GURWOOD ST, WAGGA WAGGA						
	ROUNDAABOUT		COUNCIL	4		51,716		51,716
	WAGGA WAGGA	JOHNSTON ST TO TRAIL ST, WAGGA WAGGA						
	ROUNDAABOUT		COUNCIL	4		33,591		33,591
	WALGETT	DEWHURST ST, NAMOI ST & PITT ST, WALGETT						
	WIDENING OF SEALED PAVEMENT		COUNCIL	4		33,591		33,591
	WARRINGAH	WINBOURNE RD & MITCHELL RD, BROOKVALE						
	ROUNDAABOUT		COUNCIL	4		71,550		71,550
	WARRINGAH	FRENCH'S FOREST TO DEE WHY						
	BIKEWAY		COUNCIL	4		5,765		5,765
	WAVERLEY	NEWLAND ST & SPRING ST, BONDI JUNCTION						
	SIGNALS		DEPT	6		22,530		22,530
	WAVERLEY	NEWLAND ST & EBLEY ST, BONDI JUNCTION						
	SIGNALS		DEPT	6		47,449		47,449
	WEDDIN	MELYRA ST, EAST ST & SHORT ST, GRENFELL						
	MINOR CHANNELISATION OF INTERSECTION		COUNCIL	4		8,416		8,416
	WILLOUGHBY	VICTORIA AVE & MERIDAH ST, CHATSWOOD						
	SIGNALS		DEPT	7		118		118
	WILLOUGHBY	ARCHER ST & JOHNSTON ST, CHATSWOOD						
	SIGNALS		DEPT	7		51		51
	WILLOUGHBY	ALBERT AVE & MERIDAH ST, CHATSWOOD						
	SIGNALS		DEPT	7		2,847		2,847
	WILLOUGHBY	ARCHER ST & MALVERN AVE, CHATSWOOD						
	SIGNALS		DEPT	7		50		50
	WILLOUGHBY	ARCHER ST & ASHLEY ST, CHATSWOOD						
	SIGNALS		DEPT	8		16,248		16,248
	WOLLONDILLY	WEIR RD, WARRADALE RD & FARNSWORTH AVE, WARRAGAMBA						
	RECONSTRUCTION & IMPROVEMENT OF INTERSECTION		COUNCIL	4		31,352		31,352
	WOLLONGONG	PIONEER RD & ROTHERY RD, BELLAMBI						
	SIGNALS		DEPT	8		6,080		6,080

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0025

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)				\$	\$	\$
WOLLONGONG	WOLLONGONG CITY AREA	STUDY FOR PROVISION OF BIKEWAY FACILITIES	COUNCIL	6	13,507		13,507
WOLLONGONG	VARIOUS LOCATIONS IN ILLAWARRA DIVISION	MINOR IMPROVEMENT OF SIGNALS	DEPT	1	28,829		28,829
WOLLONGONG	VARIOUS LOCATIONS	INSTALLATION OF CLEARWAY SIGNPOSTING	DEPT	7	25,169		25,169
WYONG	TUMBI UMBI CREEK	CYCLEWAY BRIDGE	COUNCIL	4	24,662		24,662
WYONG	TUMBI CREEK RD & GREGORY ST, BERKELEY VALE	ROUNDAABOUT	COUNCIL	4	57,962		57,962
	VARIOUS SITES IN ROCKDALE WORKS OFFICE AREA	RECONSTRUCTION OF SIGNALS	DEPT	6	27,135		27,135
	VARIOUS SITES IN METROPOLITAN DIVISION	RECONSTRUCTION OF SIGNALS	DEPT	6	56,253		56,253
	VARIOUS LOCATIONS WITHIN PARRAMATTA AREA	SKID RESISTANCE AT INTERSECTION BLACKSPOTS	DEPT	7	203,461		203,461
	VARIOUS LOCATIONS WITHIN PARRAMATTA AREA	SKID RESISTANCE CORRECTIONS AT INTERSECTIONS	DEPT	6	57,262		57,262
	THORNLEIGH WORKS OFFICE	WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	49,657		49,657
	VARIOUS INTERSECTIONS IN ROCKDALE WORKS OFFICE AREA	ROUNDAABOUTS & CHANNELISATIONS	DEPT	8	69,025		69,025
	SUBSIDY TO B.I.N.S.W.	BIKEWAYS	DEPT	6	452		452
	VARIOUS LOCATIONS IN SYDNEY INNER CITY AREA	MINOR TRAFFIC SIGNAL IMPROVEMENTS	DEPT	8	64,877		64,877
	VARIOUS INTERSECTIONS IN NORTH METROPOLITAN AREA	ROUNDAABOUTS & CHANNELISATIONS	DEPT	8	36,760		36,760
	BELLAMEI WORKS OFFICE	WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	25,053		25,053
	VARIOUS LOCATIONS	TRIAL PEDESTRIAN REFUGES	DEPT	6	447		447

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.C026

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)			\$	\$	\$
		YENMORA WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	112,240		112,240
		WARATAH WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	44,175		44,175
		VARIOUS LOCATIONS WITHIN DIVISION					
		IMPROVEMENTS TO INTERSECTIONS	COUNCIL	4	1,984		1,984
		DEVELOPMENT GROUP - OXFORD ST, SYDNEY (EX BRISBANE ST)					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	999,951		999,951
		ROCKDALE WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	268,880		268,880
		LANE COVE WORKS OFFICE					
		WIDE AREA SIGNAL CO-ORDINATION	DEPT	6	173,291		173,291
TOTAL	UNCL						5,813,474
TOTAL		OTHER ROADS			6,474,164		6,474,164

OPERATION OF DRIVER AID AND TOW SERVICES

APPENDIX 8.2.C001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	COP'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
MAINTENANCE WORKS						\$	\$	\$
		FREEWAYS				\$	\$	\$
F3	GOSFORD	BEROWRA TO CALGA TOLLWAY RENEWAL OF EMERGENCY TELEPHONE SYSTEM	DEPT	6		-54,627		-54,627
F3	HORNSBY	BEROWRA TO CALGA TOLLWAY TOW SERVICE	DEPT	6		345,856		345,856
	TOTAL	F3						291,229
F6	WOLLONGONG	WATERFALL TO EULLI PASS TOLLWAY DRIVER AID SCHEME	DEPT	6		32,026		32,026
F6	WOLLONGONG	WATERFALL TO EULLI PASS TOLLWAY TOW SERVICE	DEPT	6		231,480		231,480
	TOTAL	F6						263,506
	TOTAL	FREEWAYS				554,735		554,735

APPENDIX NO. 10

DISTRIBUTION BETWEEN THE DEPARTMENT AND COUNCILS OF RESPONSIBILITY
FOR CARE AND CONTROL OF ROADS AT 30TH JUNE, 1984 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	100	101	201
State Highways	309	8,894	9,203
Trunk and Ordinary Main Roads other than the County of Cumberland	-	427	427
Ordinary Main Roads in the County of Cumberland	732	-	732
Unincorporated areas of the Western Division			
Trunk and Ordinary Main Roads	-	680	680
Unclassified Roads	-	2,489	2,489
(b) Where work was carried out for the Department by Councils -			
State Highways	6	1,055	1,061
Ordinary Main Roads in the County of Cumberland	372	-	372
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	-	23,239	23,239
	<u>1,519</u>	<u>36,885</u>	<u>38,404</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.

APPENDIX NO. 9

DISTANCES OF FREEWAYS, STATE HIGHWAYS, TRUNK ROADS, ORDINARY ROADS SECONDARY ROADS, TOURIST ROADS AND DEVELOPMENTAL ROADS IN NEW SOUTH WALES FOR THE FIVE YEARS ENDED 30 JUNE 1984

Road Class	At 30 June				
	1980 km	1981 km	1982 km	1983 km	1984 km
County of Cumberland Area -					
Freeways	87	94	94	97	100
State Highways	315	315	315	315	315
Ordinary Main Roads	<u>1,091</u>	<u>1,122</u>	<u>1,094</u>	<u>1,101</u>	<u>1,104</u>
Total all Main Roads and Freeways	1,493	1,531	1,503	1,513	1,519
Secondary Roads	299	299	299	299	292
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	1,899	1,937	1,909	1,919	1,918
Country Area -					
Freeways	44	73	73	73	101
State Highways	10,179	10,166	10,013	10,018	9,949
Trunk Road	7,091	7,091	7,098	7,098	7,098
Ordinary Main Roads	<u>17,213</u>	<u>17,208</u>	<u>17,257</u>	<u>17,257</u>	<u>17,248</u>
Total all Main Roads and Freeways	34,527	34,538	34,441	34,446	34,396
Tourist Roads	359	359	360	360	360
Developmental Roads	<u>3,439</u>	<u>3,452</u>	<u>3,452</u>	<u>3,452</u>	<u>3,452</u>
Total all Classified Roads	38,325	38,349	38,253	38,258	38,208
Total for Whole State -					
Freeways	131	167	167	170	201
State Highways	10,494	10,481	10,328	10,333	10,264
Trunk Roads	7,091	7,091	7,098	7,098	7,098
Ordinary Main Roads	<u>18,304</u>	<u>18,330</u>	<u>18,351</u>	<u>18,358</u>	<u>18,352</u>
Total all Main Roads and Freeways	36,020	36,069	35,944	35,959	35,915
Secondary Roads	299	299	299	299	292
Tourist Roads	444	444	445	445	445
Developmental Roads	<u>3,461</u>	<u>3,474</u>	<u>3,474</u>	<u>3,474</u>	<u>3,474</u>
Total all Classified Roads*	40,224	40,286	40,162	40,177	40,126

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.

SUMMARY OF EXPENDITURE - TRAFFIC SIGNALS AND OTHER FACILITIES

APPENDIX B.5.C001

EXPENDITURE FROM FUNDS PROVIDED BY :

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
CONSTRUCTION				
FREEWAYS		321,064		321,064
STATE HIGHWAYS	273,174	1,993,391		2,266,565
TRUNK ROADS		460,966		460,966
MAIN ROADS		2,373,503		2,373,503
OTHER ROADS		6,474,164		6,474,164
<hr/>				
SUB TOTALS	273,174	11,623,089		11,896,262
<hr/>				
MAINTENANCE & OPERATION				
ROADMARKING & SIGNPOSTING - DEPARTMENT	2,247,467	15,479,843		17,727,310
- COUNCIL	22,290	2,657,043		2,679,333
SIGNALS - DEPARTMENT	58,644	12,601,827		12,660,471
- COUNCIL	143,914	412,427		556,341
DRIVER AID - DEPARTMENT		2,391,975		2,391,975
- COUNCIL				
<hr/>				
SUB TOTALS	2,472,315	33,543,115		36,015,430
<hr/>				
FINAL TOTALS	2,745,489	45,166,203		47,911,692
<hr/>				

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGAPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
YALLAROI		4,487			4,487
YARROWLUNLA		9,891			9,891
YASS		10,256	4,263		14,519
YOUNG		11,435			11,435
TOTAL	22,290	2,657,043	143,914	412,427	3,235,674

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	
	\$	\$	\$	\$	\$
TALLAGANDA		20,583			20,583
TAPWORTH	22,290	19,249		3,093	44,632
TEMORA		1,363			1,363
TENTERFIELD		4,547			4,547
TUMBARUMBA		2,731			2,731
TUMUT		13,147		86	13,233
TWEED		28,532		13,503	42,035
ULMARRA		2,860			2,860
URALLA		12,406			12,406
URANA		2,253			2,253
WAGGA WAGGA		44,326		29,525	73,851
WAKOOL		28,634			28,634
WALCHA		3,450			3,450
WALGETT		31,101			31,101
WARREN		11,894			11,894
WEDDIN		10,134			10,134
WELLINGTON		25,287			25,287
WENTWORTH		9,557		1,370	10,927
WINDOURAN		619			619
WINGECARRIBEE		72,482			72,482
WOLLONDILLY		30,318			30,318
WOLLONGONG		5,610			5,610
WYONG		483	7,809	1,568	9,860

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	
	\$	\$	\$	\$	\$
NAMBUCCA		13,345			13,345
NARRABRI		29,356			29,356
NARRANDERA		9,813			9,813
NARROMINE		19,166			19,166
NEWCASTLE		9,836		126,352	135,188
NUNDLE		2,785			2,785
OBERON		12,339			12,339
ORANGE		46,510		16,041	62,551
PARKES		69,593			69,593
PARRY		5,927	17,939		23,866
PENRITH		81,400			81,400
PORT STEPHENS		11,729		2,651	14,380
QUEANBEYAN		8,213		16,373	24,591
QUIRINDI		3,661			3,661
RICHMOND RIVER		5,800			5,800
RYLSTONE		12,664			12,664
SCONE		12,136			12,136
SEVERN		3,881			3,881
SHELLHARBOUR		667			667
SHOALHAVEN		3,570			3,570
SINGLETON		5,489		124	5,613
SNOWY RIVER		14,273			14,273
SYDNEY		45,967		111	46,078

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	
	\$	\$	\$	\$	\$
HUME		18,231			18,231
INVERELL		58,905			58,905
JERILDERIE		7,789			7,789
JUNEE		2,207			2,207
KEMPSEY		29,285		8,436	37,721
KIAMA		76			76
KVOGLE		31,104			31,104
LACHLAN		15,258			15,258
LAKE MACQUARIE		36,238		51,695	87,933
LEETON		3,931			3,931
LISHORE		85,233		2,982	88,215
LOCKHART		4,789			4,789
PACLEAN		16,454			16,454
MAITLAND		3,390	19,295		23,185
MANILLA		2,477			2,477
PERRIWA		11,885			11,885
MOREE PLAINS		35,492		17,966	53,458
MUDGEES		27,688		79	27,767
MULWAREE		49,262			49,262
MURRAY		480			480
MURRUMBIDGEE		5,826			5,826
MURRURUNDI		6,871			6,871
MUSWELLBROOK			3,471		3,471

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	
	\$	\$	\$	\$	\$
EVANS		15,497			15,497
FORBES		36,300			36,300
GILGANDRA		6,693			6,693
GLEN INNES		5,573	1,365		6,938
GLUCESTER		4,115			4,115
GOSFORD		20,277	14,930	9,695	44,902
GOULBURN		30,138	43,657		73,795
GRAFTON		27,982			27,982
GREAT LAKES		15,948			15,948
GREATER CESSNOCK		7,682		2,995	10,677
GREATER LITHGOW		7,376		7,247	14,623
GREATER TAREE		19,549		13,744	33,293
GRIFFITH		42,233			42,233
GUNDAGAI		2,691			2,691
GUNNEDAH		62,202		2,963	65,165
GUNNING		7,342			7,342
GUYRA		4,905			4,905
HARDEN		9,258			9,258
HASTINGS		17,422			17,422
HAWKESBURY		51,025			51,025
HAY		4,284			4,284
HOLBROOK		1,390			1,390
HORNSBY		50,947			50,947

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		4,810			4,810
CAMPBELLTOWN		23,273			23,273
CARRATHOOL		10,377			10,377
CASINO		27,221			27,221
COEAR		24,212			24,212
COFFS HARBOUR		10,559		8,709	19,268
CONARGO		1,304			1,304
COCLAH		23,815			23,815
COOLAMON		4,095			4,095
COOMA-MONARO		25,254		169	25,423
COONABARABRAN		13,131			13,131
COGNAMBLE		4,817		420	5,237
COOTAMUNDRA		23,296			23,296
COPMANHURST		9,850			9,850
COROWA		6,191			6,191
COMRA		5,494			5,494
CROOKWELL		3,165			3,165
CULCAIRN		5,203			5,203
DENILQUIN		10,286			10,286
DUEBO		30,236		12,852	43,088
DUMARESQ		11,800			11,800
DUNGOO		7,212			7,212
EUROBODALLA		32,742			32,742

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		39,811	31,185	25,755	96,751
ARMIDALE		14,449			14,449
BALLINA		24,119			24,119
BALRANALD		9,375			9,375
BARRABA		9,210			9,210
BATHURST		17,472		4,495	21,967
BAULKHAM HILLS		43,851			43,851
BEGA VALLEY		43,353			43,353
BELLINGEN		13,650		507	14,157
BERRIGAN		10,016			10,016
BINGARA		2,551			2,551
BLACKTOWN		98,762			98,762
BLAND		7,796			7,796
BLAYNEY		2,937			2,987
BLUE MOUNTAINS		22,609		495	23,103
BOGAN		2,500			2,500
BOMBALA		18,018			18,018
BOOROWA		15,553			15,553
BOURKE		8,375			8,375
BREWARRINA		14,755			14,755
BRCKEN HILL		87,814		30,426	118,240
BYRON		33,896			33,896
CABONNE		48,819			48,819

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.3.0001

MAINTENANCE AND OPERATION

WORK BY DEPARTMENT	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
SYDNEY DIVISION		4,576,338		4,890,941	9,467,279
ILLAWARRA DIVISION	214,574	1,129,153	1,079	515,706	1,862,512
PARRAMATTA DIVISION	90,993	2,491,243	12,562	1,683,600	4,278,398
HUNTER VALLEY DIVISION	455,350	1,300,247	35,004	559,436	2,350,037
NORTH WESTERN DIVISION	292,944	362,721			655,665
UPPER NORTHERN DIVISION	123,779	294,220			417,999
NORTH EASTERN DIVISION		713,710			713,710
SOUTHERN DIVISION	627,733	114,217			741,950
SOUTH COAST DIVISION		357,794			357,794
BLACKTOWN DIVISION	102,093	744,118	9,999	1,178,010	2,040,220
SOUTH WESTERN DIVISION	332,001	432,560			764,561
CENTRAL MURRAY DIVISION		426,362			426,362
CENTRAL WESTERN DIVISION		696,073			696,073
MURRAY DARLING DIVISION		351,238			351,238
CENTRAL NORTHERN DIVISION		321,811			321,811
LOWER NORTH COAST DIVISION		553,475			553,475
TRAFFIC SIGNAL WORKS DIVISION				1,404,817	1,404,817
CENTRAL MOUNTAINS DIVISION		526,025		304	526,329
TRAFFIC		63,017			63,017
OXFORD ST CONTROL		35,521		2,369,013	2,404,534
TOTAL	2,247,467	15,479,843	58,644	12,601,827	30,387,781

OPERATION OF DRIVER AID AND TOW SERVICES

APPENDIX 8.2.0002

ROAD LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST WAASRA AUTH RD CL COM'WLTH	SOURCE OF STATE	FUNDS LOANS	TOTAL
MAINTENANCE WORKS	OTHER ROADS	\$	\$	\$	\$
SYDNEY	SYDNEY HARBOUR BRIDGE				
TOW TRUCK SERVICE		DEPT 6	1,837,240		1,837,240
TOTAL UNCL					1,837,240
TOTAL	OTHER ROADS		1,837,240		1,837,240