

THE COMMISSIONER FOR MAIN ROADS, NEW SOUTH WALES **ANNUAL REPORT 1978-79**

ISSN 0155-7084

Objectives

The Commissioner for Main Roads is responsible for the administration of the Main Roads Act 1924 (as amended), the prime objective of which is to provide a means of ensuring the satisfactory maintenance and improvement of roads throughout the State, which have been classified under the Main Roads Act both in country and urban areas.

Contents

2	COMMISSIONER'S STATEMENT	35	Country Road Location
5	MINISTERIAL CHANGES	35	Technical Computing
5	APPOINTMENT OF DEPUTY COMMISSIONER	35	Environmental Studies
5	DEATH OF SECRETARY	36	OPERATIONS
6	PRINCIPAL OFFICERS	36	Survey and Acquisition of Land
7	SENIOR OFFICERS	36	Bituminous Surfacing
8	FINANCE	38	Bituminous Surfacing Lengths
8	Real Value of Funds for Roadworks	39	Elimination of Railway Level Crossings
9	State Sources	39	Materials Testing and Research
10	Traffic Facilities	40	Weight of Loads
11	Commonwealth Sources	40	Plant and Motor Vehicles
11	Payments	41	Central Workshop
12	Statement of Receipts and Payments for the Year ended 30 June 1979	42	Landscaping
14	Berowra to Calga Tollwork	42	LEGISLATION
16	Waterfall to Bulli Pass Tollwork	43	ADMINISTRATION AND INTERNAL SERVICES
18	Sydney Harbour Bridge	43	Employment
20	CONSTRUCTION	43	Staff Training
20	Freeways	44	Office Premises and Housing for Staff
22	Roads	45	Local Co-ordinators
27	Bridges	45	Management and Strategy Review
30	MAINTENANCE	45	New Review Team
30	Roads	45	Public Relations
30	Bridges	46	Library Service
30	Ferries	46	Technical Instructions and Graphic Services
31	TRAFFIC MANAGEMENT	48	RELATED ACTIVITIES
31	Traffic Authority of New South Wales	48	Visitors from Overseas
31	Traffic Signals	48	Missions Abroad
31	Divided Roads and Channelised Intersections	49	National Association of Australian State Road Authorities
31	Other Traffic Safety and Management Schemes	49	Australian Road Research Board
32	Operations	50	Army Supplementary Reserve Unit
33	PLANNING AND DESIGN	51	Map of Main Roads in New South Wales
33	Policy and Economics	52	Road Classifications and Distances
34	Advance Planning	52	ACKNOWLEDGEMENTS
34	Urban Road Planning		

Cover: This spectacular aerial view shows the Bondi Junction By-Pass as it sweeps eastwards past the shopping plaza and the new transport terminus.

COMMISSIONER'S STATEMENT

SYDNEY, NEW SOUTH WALES
NOVEMBER 1979

To the Honourable Mr. H.F. Jensen, M.P.
Minister for Local Government 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 1979. Some references to happenings after this date have been included where they have been considered appropriate and helpful in rounding off the record.

This is the Fifty-Fourth Annual Report presented to Parliament under the Main Roads Act and it stands as another statement of the varied and valuable work of the Department of Main Roads. In words and in illustrations, I have here recorded, for both contemporary and future assessment by today's readers and by tomorrow's researchers, some of the Department's more important activities. But I must emphasise that this is only part of the picture and only a fraction of the tasks undertaken on the 42 786 km of roads, for which I am responsible, throughout the State. The full story, with its extensive lists of specific improvements and of particular expenditures, is given in the comprehensive Supplement to the Annual Report (which is published later when all statistical details are available).

It should not be forgotten that this work has been undertaken not only for road users but also for the community at large, which depends so much on the convenient access and mobility provided by roads. In fact, the year has seen no slackening in the demands by the public for better road conditions in both rural and urban areas.

In my frequent contacts with local representatives at numerous conferences, inspections and deputations throughout the year, one appeal has been predominant and that is, "Why can't more be done to improve our roads?" The answer is that the State's road needs still far outweigh the funds being provided for their relief.

These needs are not just to appease the "Great God Car" as some critics claim, but rather to help maintain and to better the standard of living of people. Roads, good and bad, have a broad influence and impact on our commercial, social, educational, recreational and cultural activities, as well as on our residential and natural environment.

Virtually all goods deliveries and services to homes, shops and business houses are by road. Furthermore, a considerable amount of material formerly hauled by rail is now carried by road. I would emphasise that where railway services are curtailed or discontinued, a larger loading is placed on the road system and, without any additional grants, a greater strain is placed on the available funds.

The thoughts concerning our roads expressed 75 years ago by the then Under Secretary for Public Works could be echoed as being very pertinent for today.

"When . . . the traffic is constantly increasing, it follows that the surface of a road not only wears faster, but the consequent interference with trade causes loss and inconvenience which cannot easily be estimated, while at the same time we are laying in a store of troubles for the future in the way of heavy renewals and repairs."

In my last report, I spoke of the imperative need to "maintain the asset" of our State's road system and I would emphasise this need again by highlighting two factors.

The first, perhaps unfamiliar one, is that when a road is sealed, the maintenance costs are not necessarily reduced. With later reseals and reconstruction, a bituminous surfaced road costs more to maintain than a gravel one. Consequently, the Department is faced with a higher long-term maintenance commitment as new lengths of gravel roads are sealed.

On the one hand, the community reaps the benefits of lower vehicle operating costs on new bituminous surfaced roads, which were not previously sealed. But, on the other, the road authority reaps the costlier responsibility to pay for their continuing maintenance over the years.



Construction of the superstructure of the North Western Freeway across Darling Harbour to Harris Street, Ultimo.



Denison Bridge, over the Macquarie River at Bathurst on the Great Western Highway was built in 1870 and is an example of an old bridge having to cope with the heavy demands of major highway traffic.

At present, only 25 198 km, or just under 60% of the classified road network have been provided with a dust-free surface. The slow rate of sealing the remaining 17 588 km will continue to be a source of frustration and concern to road users, particularly in rural areas, until more funds are made available to counteract present inflationary losses.

A second factor is that a disturbing strain is being placed on the Main Roads System by the increased percentage of heavy vehicles using the roads. It is, at least, gratifying to report that during the last year the total number of vehicles found to be overloaded has dropped considerably. This is, no doubt, attributable to increased fines which became effective by legislation in August 1978.

Nevertheless, the number of massive overloads reported has actually increased. It is these overloadings of more than 10% which can severely damage roads and bridges, and add more maintenance and reconstruction tasks to our already inadequate and overburdened programme. Although legal backing is now given to the off-loading of excessively heavy vehicles (and this clearly prevents further damage to the road by the over-loaded vehicle), any increase in the number of known offenders suggests a similar increase in the number of those who escape detection. Their irresponsibility may go unprosecuted, but the community has to pay for the damage to public property caused by their unconcerned self-interest.

On the financial side, rising costs are continuing to erode the value of funds made available for roadworks. As graphs and figures included in the Finance section of this

report indicate, it has only been a huge increase in the allocation of loan funds to the Department which has stopped an overall down-turn since 1972-73 in the real value of the funds provided to the Department. The revenue from all sources is down, i.e. from motor vehicle registration tax, from road maintenance charges on heavy vehicles and from Commonwealth grants.

The additional loan funds have enabled essential capital works programmes to be undertaken but these works do not produce the revenue which is required to meet the inevitable loan charges. These charges must therefore be met from motor vehicle registration taxes and, consequently, as I brought to notice last year, the capacity to fund capital works programmes in future years is being progressively reduced.

A loss in revenue from motor vehicle registration taxes has again become apparent, after a temporary increase for two years following the 33½% rise in registration tax in November 1976. This loss is in spite of over 100,000 more vehicles being registered during the past year. The drop in revenue is further illustrated when the average registration tax per vehicle in 1972-73 is expressed in 1978-79 values as \$81.6 and compared with the current average of \$52.5.

Receipts under the Road Maintenance (Contribution) Act, 1958 have, in real terms, declined by just over 50% since 1972-73. A further loss of \$20 million per annum will occur in 1979-80, unless the charges under this Act, which were abolished as from 1 July 1979, are replaced by some other form of revenue.



This sharp turn on the Great Western Highway, as it crosses over the railway line at Medlow Bath, typifies the many poorly-aligned sections of roadway which still exist on our Main Roads System and which are inadequate for today's needs.

With regard to Commonwealth funding, it is distressing to note the continuing reduction in the real value of the grants. Expressing the grants, in current values, as an amount per registered vehicle, we again see a dramatic decrease from \$92.6 in 1972-73 to \$66.6 in 1978-79.

This trend is all the more disturbing when it is realised that in New South Wales the Commonwealth Government at present collects approximately four times as much in fuel taxes as it returns in road grants. On an Australia-wide basis, Commonwealth road grants as a percentage of the total government budget outlay have decreased, while expenditure on education and health have increased substantially and while social service and welfare spending have risen enormously.

The welfare of the community depends a lot more on roads than is generally realised and if a continuing low priority is given to the provision of funds for road improvements then the welfare of the community will inevitably suffer.

All the losses in the real value of funds, which I have mentioned above and elsewhere in this report, add up to a serious warning which we must all heed. The warning is, I believe, that unless some financial relief is forthcoming, then narrow, poorly surfaced, incorrectly located, inadequately aligned, or otherwise sub-standard and out-dated roads and bridges will remain on the Main Roads System in many parts of this State, with little hope of replacement or improvement in the years to come. And they will cost the community dearly in terms of high transport costs and unnecessary accidents.

The matter of road safety falls only partly within the sphere of my responsibility, but I would underline the vital role which better roads play in reducing road accidents and the suffering they bring to so many, in personal tragedies and frightening injuries.

This role has recently been brought to notice by studies on the accident saving benefits of Sydney's outer-urban freeways. The investigations showed that the rate of reported and casualty accidents was very much lower for the freeways than for the corresponding highways. In one instance, the rate of reported accidents for the highways was 15 times the rate on the corresponding freeways.

It is fashionable to speak of "good news" and "bad news", so having referred to some of the bad, I will now mention some of the good.

This year saw the opening, early in January, of the Bondi Junction By-Pass. It was successfully programmed for completion at about the same time as the Eastern Suburbs Railway and it has made possible the development of part of Oxford Street as a pedestrian plaza.

An extension of the Warringah Freeway to Willoughby Road, Naremburn was completed in September 1978 and since then it has been possible to resume construction of the Western Freeway between Concord and Granville. This is another vital project which, when completed, will bring long-awaited relief to congested traffic conditions on the nearby Parramatta Road.

Work is progressing on other major urban and rural projects, including the North Western Freeway across Darling Harbour, The Foreshore Road at Botany Bay, the continuation of the Parramatta By-Pass, the Southern Freeway south of Wollongong, the South Western Freeway south of Campbelltown and the Sydney-Newcastle Freeway from Ourimbah towards Wyee. In the country, works on State Highways are too numerous to list here, as are the many other activities undertaken by the Department.

I therefore recommend a close perusal of the following report, which gives an indication of the extent and variety of what has been done.

At the end of the report I acknowledge the assistance given by many people and organisations. But here I wish to commend the expertise of the Department's own personnel in their wide-ranging tasks. I thank them all — from the Deputy Commissioner and the Branch Heads to the field assistants and gangers — for the efficient service they have each rendered.

I would also like to place on record my appreciation of the assistance which you as Minister for Roads have given to the Department and to myself during the year past — and to assure you of our continued support in the year ahead.



B. J. Sexton

B.J. SEXTON
COMMISSIONER FOR MAIN ROADS

MINISTERIAL CHANGES

Following the State Government election early in October 1978, there was a re-organisation of ministerial responsibilities, whereby as from 19 October 1978 the day-to-day management responsibilities for roads were transferred from the Minister for Transport, the Hon. P.F. Cox, M.P., to the Minister for Local Government, the Hon. H.F. Jensen, M.P. who became Minister for Local Government and Minister for Roads.

The new areas of responsibility between the Minister for Roads and the Minister for Transport are as follows:

Minister for Roads

- Administration of Department of Main Roads;
- Approval of road and bridge construction programmes for Urban Local Roads and Rural Local Roads;
- Construction of National Highway, National Commerce Roads, Urban Arterial Roads, Rural Arterial Roads and MITERS (Minor Traffic Engineering and Road Safety Improvements) within programmes approved by the Minister for Transport;
- Technical research on road and bridge design, construction and maintenance;
- Representations on road matters generally, road grants to councils and activities of Department of Main Roads (after consultation if and when necessary with Minister for Transport on policy matters requiring his overview);
- Maintenance programmes.

In addition, the Minister for Roads is responsible for administering Ordinance No. 30C of the Local Government Act.

Minister for Transport

- Co-ordination of State-wide transport policies including responsibility for —

(a) Financial arrangements including the overall allocation of funds (both State and Commonwealth) between the various road categories — in consultation with Minister for Roads.

(b) Road planning and approval of the various road and bridge construction and reconstruction programmes, including acquisitions, for —

National Highways (both construction and maintenance)

National Commerce Roads

Urban Arterial Roads

Rural Arterial Roads

MITERS (Minor Traffic Engineering and Road Safety Improvements).

(N.B. Following approval of the above programmes, subsequent administrative action (such as the despatch of grant letters to the Local Members) remains the responsibility of the Minister for Roads, with any representations on these matters being handled by him.)

(c) Research — to determine priorities for research projects and approve the allocation of funds.

- Relations between the State and Commonwealth on road planning, research, finance and programme matters, including Australian Transport Advisory Council matters.

- Appointment or nomination of representatives on Inter-Departmental and other committees having a bearing on transport planning.

- Urban Transport Advisory Committee, which is to be reconstituted as a statutory advisory body with state-wide responsibility.

The Minister for Transport has a particular responsibility for ensuring the balanced development and co-ordination of public transport and road programmes.

APPOINTMENT OF DEPUTY COMMISSIONER

As mentioned in last year's Annual Report, the appointment of a new Deputy Commissioner was deferred, pending a review of the Department's Top Management Structure by the Review of N.S.W. Government Administration, under Professor P.S. Wilenski as Commissioner.

Following advertisements placed in major newspapers in all State capital cities throughout Australia, applications for the position of Deputy Commissioner were received by the Ministry of Transport for consideration by the Government. The selection was made by Cabinet, approved by His Excellency, the Governor of New South Wales and announced by the Minister for Transport and Highways, Hon. P.F. Cox, at the end of August 1978.

Consequently, Mr. Bruce Norman Loder, B.E. Dip. T.C.P., M.I.E. (Aust), was appointed Deputy Commissioner for Main Roads on 1 September 1978.

Mr. Loder joined the Department in 1948 and has recently held the positions of Assistant Urban Investigations Engineer, Advance Planning Engineer and Divisional Engineer at Wollongong. In December 1977, he returned to Sydney to take up special duties in connection with the Department's Management and Strategy Review being undertaken in conjunction with the Management Consultants, W.D. Scott and Co.

DEATH OF SECRETARY

It is recorded with deep regret that, not long after the end of the financial year covered by this Report, the Secretary of the Department, Mr. N.B. Herrick, died suddenly at his home on 20 July 1979.

Mr. Herrick's career with the Department spanned a period of 42 years, from his appointment as a Junior Clerk in November 1936. Mr. Herrick became Secretary in September 1976 and the skills, integrity and courtesy which he brought to that position will be long remembered.

PRINCIPAL OFFICERS

Commissioner for Main Roads

B.J. Sexton, BE, FIE(Aust), FCIT

Deputy Commissioner for Main Roads

B.N. Loder, BE, DipTCP, MIE(Aust)

BRANCH HEADS

Engineer-in-Chief

D.C. Jacob, BE, MIE(Aust), MAIT

Secretary

N.B. Herrick, AASA

Chief Accountant

E.C. Cooper, AASA

Chief Legal Officer

G.C. Sheldon, LLB

From left to right: Mr. E. C. Cooper, Mr. D. C. Jacob, Mr. N. B. Loder, Mr. B. J. Sexton, the late Mr. N. B. Herrick and Mr. G. C. Sheldon.



SENIOR OFFICERS

HEAD OFFICE

Engineer-in-Chief's Branch	
Deputy Engineer-in-Chief	E.M. Brown
Chief Engineer (Bridges)	L.H. Evans
Chief Engineer (Roadworks)	V.R.R. Minus
Chief Engineer (Urban)	M.B. Fairlie
Chief Engineer (Rural)	L.R. Browne
Highways Engineer	E.W. King
Mechanical Engineer	L.A.S. Flack
Engineer for Programmes and Budgets	K.J. Paynter
Road Design Engineer	V.P. O'Grady
Field Inspecting Engineer	J.B. Anderson
Contract Administration Engineer	T.P. Desmarchelier
Executive Engineer	G.A. Thompson
Assistant Chief Engineer (Bridges)	S. Kaldor
Bridge Engineer (Operations)	B.J. Pearson
Advance Planning Engineer	D.H.L. Francis
Traffic Engineer	K.W. Dobinson
Urban Investigations Engineer	K.M. Anderson
Rural Investigations Engineer	R.A. Dunstan
Engineer for Standard Specifications and Technical Instructions	G.A. Castleden
Engineer for Country Council Works	R.A. Dubedat
Materials and Research Engineer	A. Leask
Asphalt Engineer	K.T. Jones
Technical Computing Engineer	J.C. Webb
Principal Surveyor and Property Officer	C.W. Lacy
Principal Architect	G.A. McKenzie
Secretarial Branch	
Deputy Secretary	M.A. Lloyd
Assistant Secretaries	J.H. Tarleton
	E.A. Turner
Accounts Branch	
Deputy Chief Accountant	E.J. Hanlon
Group Accountants	C.R. Filewood
	A.R. Clarke
	R.S.J. Price
Legal Branch	
Deputy Chief Legal Officer	H. Mudie
Policy and Economics Unit	
Chief, Policy and Economics Unit	P.J. O'Neill

DIVISIONS

Divisions	Headquarters	Divisional Engineers
Metropolitan	Milsons Point	J.A. Neeson
Parramatta	Parramatta	B.H. Butcher
Central Mountains	Lithgow	D.G. Medbury
Illawarra	Wollongong	B. Moon
Hunter Valley	Newcastle	W.J. Brecht
Lower North Coast	Port Macquarie	G.J. Stow
North Eastern	Grafton	A.N. Griffin
Upper Northern	Glen Innes	S.B. Hallinan
North Western	Tamworth	T.C. Thornton
Central Western	Parkes	W.L. Gordon
Central Northern	Bourke	M.R. Foster
Murray Darling	Broken Hill	N.W. Russell
Central Murray	Deniliquin	G.A. Cruickshank
South Western	Wagga Wagga	P.M.B. Pope
South Coast	Bega	J. Kelly
Southern	Goulburn	L.J. Bonnefin
Inner Freeway Construction	Milsons Point	K. Edgar
Outer Freeway Construction	Milsons Point	L.R. James

FINANCE

REAL VALUE OF FUNDS FOR ROADWORKS

The real value of revenue made available to the Department has fallen considerably since 1972/73.

Despite an increase of 33½% in motor vehicle taxation rates on 1 November 1976, and some allowance for cost rises in the Commonwealth Road Grants, funds from these sources, when expressed in 1978/79 values, have declined by 18%: from \$339 million in 1972/73 to \$279 million in 1978/79. In addition abolition of the road maintenance charges on heavy vehicles as from 1 July 1979 will entail a further reduction of some \$20 million per annum.

The continuing decline in the real value of the revenue available to the Department has been offset by the allocation of loan funds which have increased from \$8.5 million in 1972/73 to \$85 million in 1978/79.

Although these loan funds have enabled essential capital works programmes to be undertaken, the works do not produce the revenue required to meet the loan

charges. These charges must therefore be met from motor vehicle registration taxes and the capacity to fund capital works programmes in future years is being progressively reduced.

Main Sources of Funds for Main Roads
at 1978/79 Values

Year	Motor Vehicle Registration Tax	Road Maintenance Charge on Heavy Vehicles	Commonwealth Grants for Main Roads	Total Revenue	Loans	Total
	\$M	\$M	\$M	\$M	\$M	\$M
1972/73	164	40	135	339	19	358
1973/74	154	38	141	333	13	346
1974/75	126	31	146	303	15	318
1975/76	112	27	145	284	20	304
1976/77	123	23	133	279	29	308
1977/78	132	20	129	281	24	305
1978/79	130	20	129	279	85	364

RECEIPTS

State Motor Vehicle Registration Tax \$130,195,756
State Charges on Heavy Commercial Vehicles \$19,578,019
Loans \$51,400,000
Road Transport and Traffic Fund and Public Vehicle Fund \$14,544,595
Other \$27,835,246
Commonwealth Grants under State Grants (Roads) Act, 1977 and Transport Planning and Research (Financial Assistance) Act, 1977 \$165,685,741

PAYMENTS

Construction, Reconstruction and Property Acquisitions on Classified Main Roads \$206,972,773
Maintenance and Minor Improvements on Classified Main Roads \$90,999,567
Construction and Maintenance on Local Roads \$35,788,973
Traffic Facilities on Classified Main Roads and Unclassified Roads \$30,304,714
Administration and Miscellaneous \$48,364,485

FINANCE

STATE SOURCES

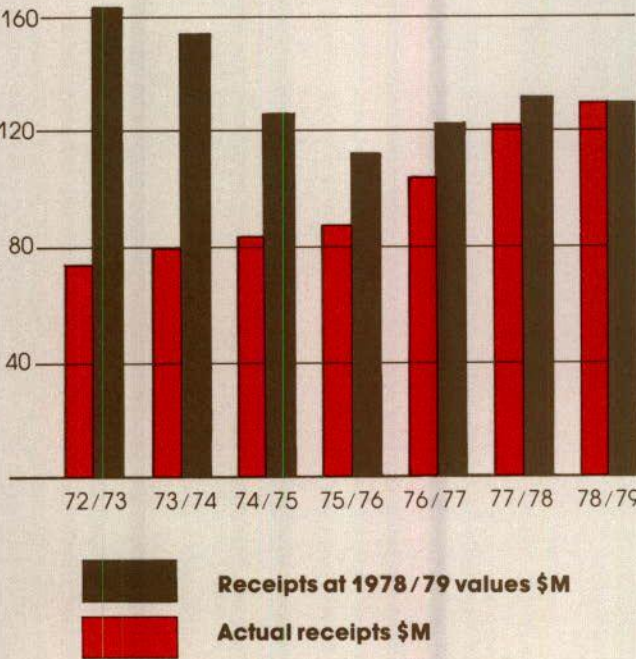
MOTOR VEHICLE REGISTRATION TAXES

Receipts for main roads works from motor vehicle registration taxes for 1978/79 totalled \$130,195,756 which was \$7,320,867 or 6.0% more than in 1977/78.

However, if cost rises are taken into account, the effective revenue is less than in the previous year and when expressed in 1978/79 values, the receipts have declined from \$131.5 million to \$130.2 million.

Since 1972/73, despite an increase of 33% in registration tax in November 1976 and an increase of 23% in the number of vehicles on the road, the receipts from this source in real terms have declined by 21%. This loss of revenue in real terms is further illustrated when the average registration tax per vehicle for the years 1972/73 and 1978/79 is expressed in 1978/79 values. This shows that the average has fallen from \$81.6 in 1972/73 to \$52.5 in 1978/79.

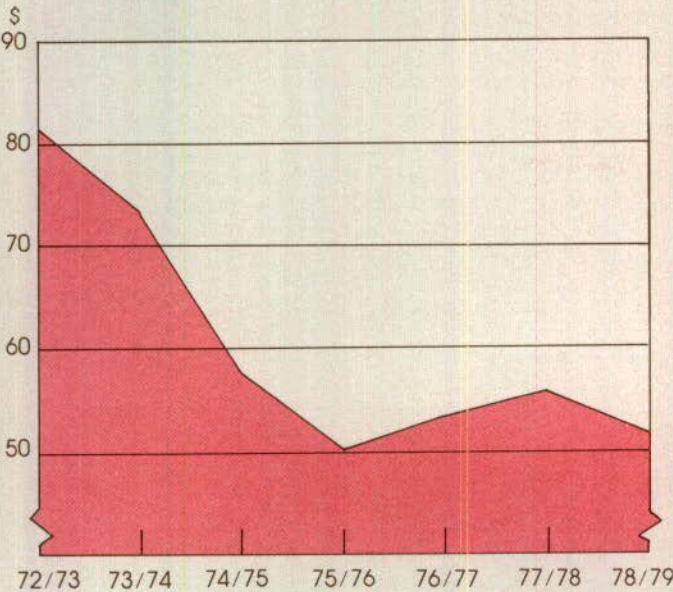
Motor Vehicle Registration Tax at 1978/79 values



Year	Motor Vehicle Registrations (a)	Registrations Increase Over Previous Year %	Index
1972/73	2,009,238	—	100.0
1973/74	2,080,112	3.5	103.5
1974/75	2,186,187	5.1	108.8
1975/76	2,236,812	2.3	111.3
1976/77	2,296,203	2.7	114.3
1977/78	2,375,927	3.5	118.3
1978/79	2,476,544	4.2	123.3

(a) Excludes plant, tractors, trailers and caravans

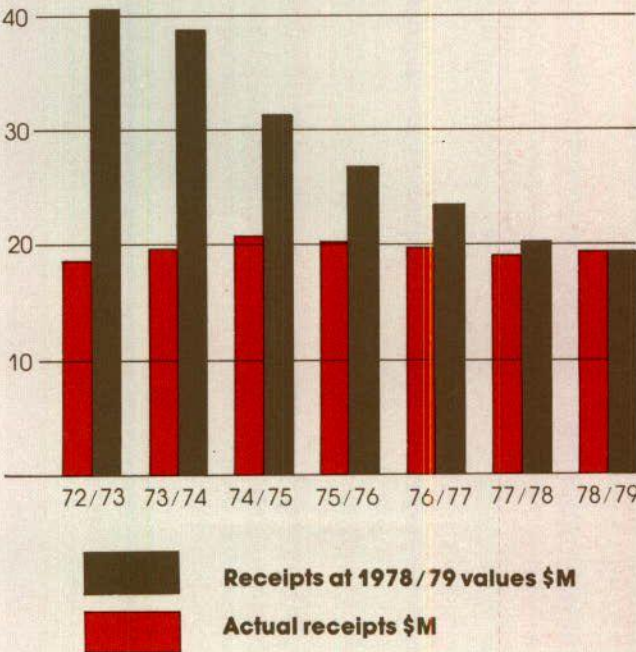
Average Receipts per Vehicle from Motor Vehicle Registration Taxes at 1978/79 values



CONTRIBUTIONS UNDER ROAD MAINTENANCE (CONTRIBUTION) ACT, 1958

Receipts under the Road Maintenance (Contribution) Act, 1958 amounted to \$19,578,019 for the financial year 1978/79 and these funds were applied wholly to the maintenance and repair of roads and bridges.

Road Maintenance (Contribution) Act 1958



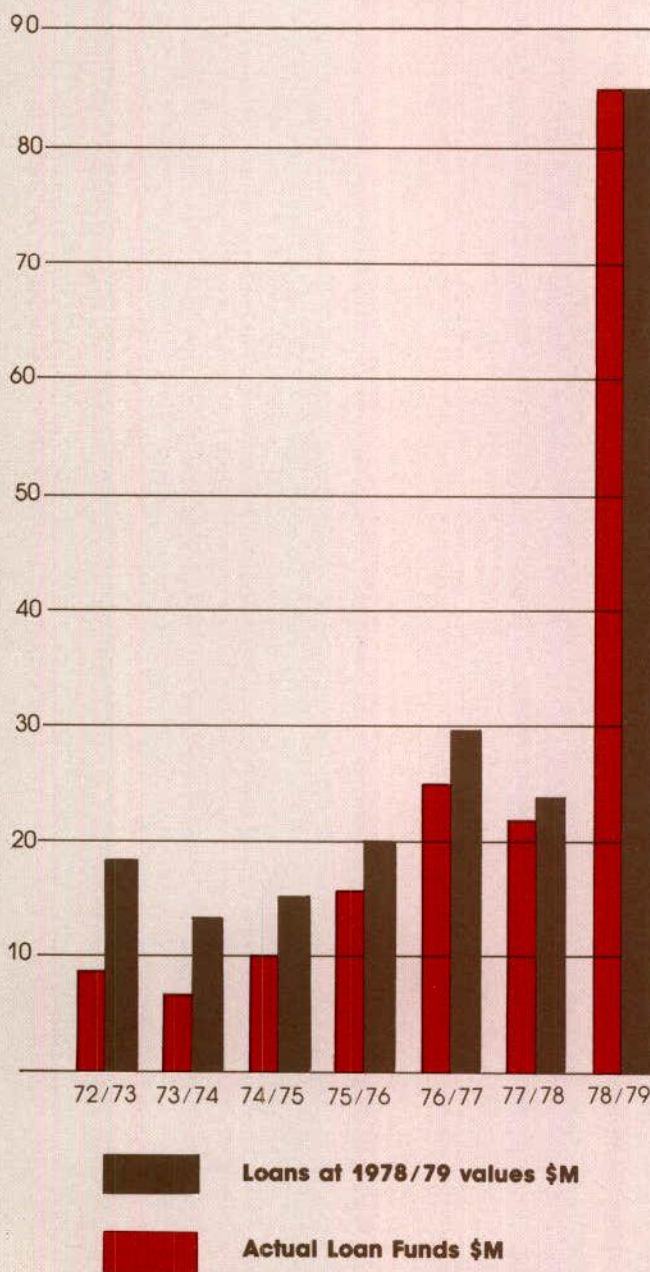
FINANCE

Since 1972/73, the receipts from this source have declined in real terms by 51% and when expressed in 1978/79 values, have declined from \$40.3 million to \$19.6 million in 1978/79.

The contributions under the Road Maintenance (Contribution) Act, 1958 were abolished as from 1 July 1979.

These contributions at 0.17 cents per tonne/kilometre for the additional wear these vehicles cause to public streets were introduced in 1958. The charge was made on the tare of the vehicle plus 40% of its load capacity and was payable for interstate as well as intrastate journeys and for empty as well as loaded running.

Loan Funds



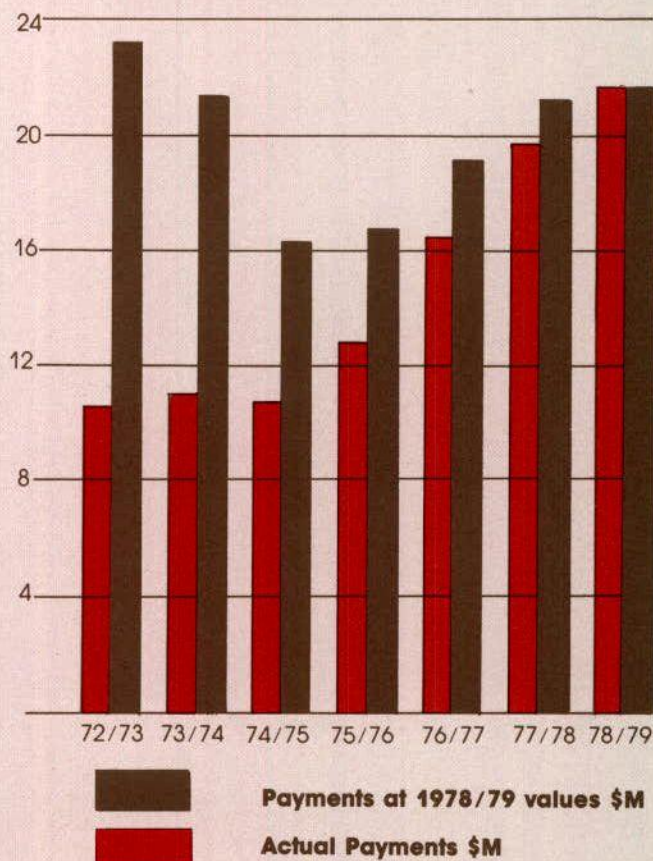
LOAN FUNDS

Loan funds amounting to \$85 million were made available to the Department in 1978/79. These funds comprised a \$38 million Semi-Government loan allocation raised by the Commissioner; \$7 million repayable loans from the New South Wales Treasury and \$40 million from the General Loan Account allocation, of which \$26.6 million will be expended in 1979/80.

The total loan allocation of \$85 million in 1978/79 is a substantial increase over the levels of previous years (\$22 million in 1977/78) and represents a 350% increase over the 1972/73 allocation of \$18.7 million when expressed in 1978/79 values.

These loan funds have been used to offset the decline in the real value of the Department's revenue funds that has resulted from cost increases since 1972/73.

Loan Servicing Charges



TRAFFIC FACILITIES

The funds made available to the Department through the Traffic Facilities Fund amounted to \$30,304,714 in 1978/79 compared with \$26,246,360 in 1977/78. In 1978/79 values, this represents an increase of 7.9%.

The receipt and expenditure of funds relating to the Traffic Facilities Fund is covered in detail in the Annual Report presented by the Traffic Authority of New South Wales.

FINANCE

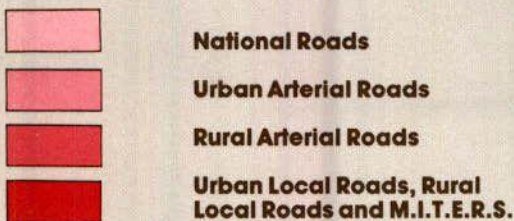
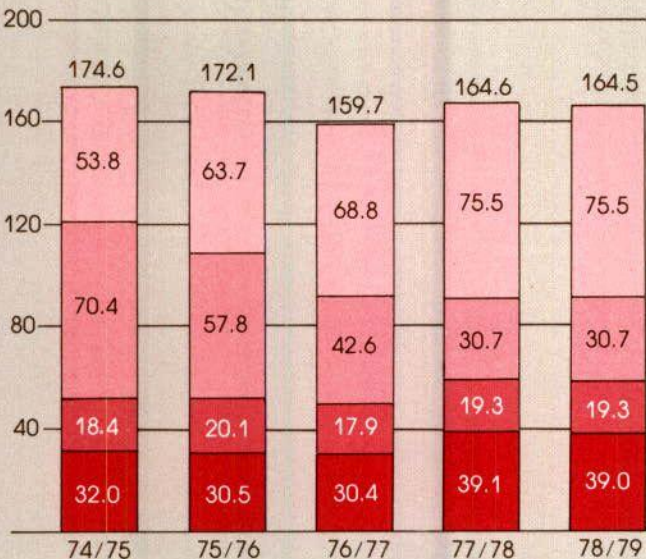
COMMONWEALTH SOURCES

Grants received from the Commonwealth Government under the State Grants (Roads) Act, 1977 during 1978/79 amounted to \$164.5 million. This was an increase of 6.95% over the previous year but was offset by cost rises in 1978/79.

While total Commonwealth grants for roads have been partly adjusted for actual cost rises in recent years, the funding emphasis has been on National Highways and Local Roads, largely at the expense of Urban Arterial Roads. Consequently, many important roadworks planned for the Sydney, Newcastle and Wollongong areas in recent years have not been constructed.

Commonwealth grants in real terms have progressively declined since 1972/73 and when expressed in 1978/79 values, have fallen from \$185.7 million in 1972/73 to \$164.5 million in 1978/79. This fall in the real value of the grants has been exacerbated by the increased traffic needs resulting from increases in the number of vehicles and their greater use. This is illustrated by the fall in the amount of the grant per registered vehicle, when expressed in 1978/79 values, from \$92.6 in 1972/73 to \$66.6 in 1978/79.

Commonwealth Grants at 1978/79 values \$M



Commonwealth Grants per Registered Vehicle (1978/79 values)



PAYMENTS

Total payments from the County of Cumberland, Country and Commonwealth Funds amounted to \$382,125,797 which was 2.5% more than in 1977/78.

Construction, reconstruction and property acquisitions accounted for the major portion of the expenditure and the amount expended on those works was \$206,972,773 or 54% of the total expenditure under Main Roads Funds.

Expenditure on maintenance and minor improvements from Main Roads Funds, was \$90,999,567 or 24% of the total expenditure. Included in this expenditure was \$5,804,526 for restoration of flood damage resulting from natural disasters.

An amount of \$35,788,973 was spent from Commonwealth Grants on the construction and maintenance of Council's Local Roads.

Expenditure on the provision of new traffic facility works amounted to \$8,680,129, while expenditure on the repair, maintenance and operations of traffic facilities amounted to \$19,994,323. General administration and miscellaneous charges in respect of the construction, maintenance and operation of traffic facilities were \$1,630,262. This expenditure represents an increase of 15% on 1977/78 (8% at 1978/79) values.

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 30 JUNE 1979

County of
Cumberland
Fund

\$

RECEIPTS

State

Motor Vehicle Taxation Act, 1976	35,422,658.91
Road Maintenance Contribution Act, 1958	3,915,604.94
General Loan Account	10,400,000.00
Loans raised under Section 42A of the Main Roads Act, 1924	10,000,000.00
Grant for Relief of Unemployment	122,216.55
Contributions by Other Departments for Special Projects	2,856,868.67
Road Transport and Traffic Fund and Public Vehicles Fund	
Ministry of Transport Vote	
Road Tolls (Net)	5,628,332.88
Interest — On Sinking Fund Investments	1,504,854.22
— On Treasury Fund Balances	406,931.94

Commonwealth

States Grants (Roads) Act, 1977	30,694,000.00
Transport Planning and Research (Financial Assistance) Act, 1977	

Other

Levy on Councils under Section 11 of the Main Roads Act, 1924	8,052.52
Contributions by Councils for works carried out in conjunction with works on Main Roads	305,597.49
Contributions from Other Sources for Specified Works	161,106.43
Natural Disasters — State/Commonwealth Grant for Restoration of Works	
Rents from Properties Acquired for Works	2,011,449.03
Miscellaneous	316,342.13
Receipts — 1978/79	103,509,582.61
Cash at Treasury as at 1 July 1978	10,776,083.00
Total Funds Available, 1978/79	114,285,665.61

PAYMENTS

State Road System

— Construction and Reconstruction	56,155,528.96
— Property Acquisitions	12,847,587.37
— Maintenance and Minor Improvements	18,693,688.46
— Natural Disasters — Restoration of Works	172,113.94

Local Roads

— Construction and Maintenance	
— Natural Disasters — Restoration of Works	

Traffic Facilities — All Roads

— Construction and Reconstruction	
— Maintenance and Operations	

Land and Buildings

— For Works Operations	1,053,213.74
— For Administration	7,291.16

General Administrative Expenses

Planning and Research	4,100,592.40
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Miscellaneous

Debt Charges	451,571.28
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Debt Charges

— General Loan Account — Interest and Management Expenses	4,168,913.01
— Loans raised under Section 42A of the Main Roads Act, 1924 — Interest	4,758,373.73

Sub-Total

103,467,745.91

Capital Debt Repayments

— General Loan Account — Sinking Fund	552,800.00
— Loans raised under Section 42A of the Main Roads Act, 1924 — Principal	1,117,153.20
— Investments for Loan Repayments	3,590,800.00

TOTAL

108,728,499.11

Net Transactions of Operating and Suspense Accounts and Inter Fund Transfers

613,547.32

108,114,951.29

Cash at Treasury as at 30 June 1979 (a)

6,170,714.32

114,285,665.61

Country Fund	Commonwealth Fund	Sub-Total Main Roads Funds	Traffic Facilities Fund	Sydney Harbour Bridge Account	Total 1978/79
\$	\$	\$	\$	\$	\$
88,273,097.53		123,695,756.44	6,500,000.00		130,195,756.44
15,662,413.83		19,578,018.77			19,578,018.77
3,000,000.00		13,400,000.00			13,400,000.00
28,000,000.00		38,000,000.00			38,000,000.00
122,216.55		—			—
		2,856,868.67			2,856,868.67
			14,544,594.72		14,544,594.72
			2,500,000.00		2,500,000.00
		5,628,332.88	1,632,102.19	3,074,985.64	10,335,420.71
473,177.49		1,978,031.71		409,018.48	2,387,050.19
1,067,374.65		1,474,306.59		285,000.00	1,759,306.59
19,251,000.00	109,691,000.00	159,636,000.00	4,849,000.00		164,485,000.00
	1,200,741.00	1,200,741.00			1,200,741.00
		8,052.52			8,052.52
365,168.02		670,765.51			670,765.51
1,256,578.48		1,417,684.91	279,017.29		1,696,702.20
5,438,293.00		5,438,293.00			5,438,293.00
430,847.99		2,442,297.02		274,755.61	2,717,052.63
1,193,151.23		1,509,493.36			1,509,493.36
164,533,318.77	110,891,741.00	378,934,642.38	30,304,714.20	4,043,759.73	413,283,116.31
18,114,279.31	1,468,196.00	30,358,558.31		4,368,288.23	34,726,846.54
182,647,598.08	112,359,937.00	409,293,200.69	30,304,714.20	8,412,047.96	448,009,962.85
72,184,166.34	60,895,357.34	189,235,052.64			189,235,052.64
3,097,975.03	1,792,158.24	17,737,720.64			17,737,720.64
57,857,137.26	8,644,215.18	85,195,040.90		1,637,533.21	86,832,574.11
2,464,856.87		2,636,970.81			2,636,970.81
	35,788,972.71	35,788,972.71			35,788,972.71
3,167,555.08		3,167,555.08			3,167,555.08
			8,043,827.30		8,043,827.30
			19,500,467.20		19,500,467.20
584,874.95		1,638,088.69	493,856.14		2,131,944.83
38,996.56		31,705.40			31,705.40
6,105,139.12	3,224,469.24	13,430,200.76	1,630,261.59	175,464.00	15,235,926.35
1,562,809.56	1,068,522.00	3,704,785.74			3,704,785.74
1,963,958.39		2,415,529.67			2,415,529.67
3,040,803.09		7,209,716.10		775,000.00	7,984,716.10
3,638,480.81		8,396,854.54		519,949.88	8,916,804.42
155,706,753.06	111,413,694.71	370,588,193.68	29,668,412.23	3,107,947.09	403,364,553.00
354,183.22		906,983.22			906,983.22
768,038.45		1,885,191.65		108,293.88	1,993,485.53
1,256,500.00		4,847,300.00		650,500.00	5,497,800.00
158,085,474.73	111,413,694.71	378,227,668.55	29,668,412.23	3,866,740.97	411,762,821.75
4,511,676.57		3,898,128.75	636,301.97		4,534,430.72
162,597,151.30	111,413,694.71	382,125,797.30	30,304,714.20	3,866,740.97	416,297,252.47
20,050,446.78	946,242.29	27,167,403.39		4,545,306.99	31,712,710.38 ^(a)
182,647,598.08	112,359,937.00	409,293,200.69	30,304,714.20	8,412,047.96	448,009,962.85

The Department expends about \$2 million per day. As no income will be received before mid July 1979 the cash balances at the Treasury will be required to finance operations during the early part of the month and to meet outstanding commitments to Councils in respect of the 1978/79 construction programme.

FINANCE

BEROWRA TO CALGA TOLLWORK

Income and Expenditure

During 1978/79 7,777,231 vehicles used this Tollwork, an increase of 237,311 vehicles over the previous year. This represents an average daily traffic increase of 650 vehicles over 1977/78.

Toll collections were \$5,716,805, an increase of \$183,483 (3.3%) over the previous year. Total expenditure, including the cost of collecting tolls, in 1978/79 was \$4,877,576, an increase of \$527,450 (12.1%).

INCOME AND EXPENDITURE FOR 1978/79

1977/78 \$			1978/79 \$
	INCOME		
5,533,322	Tolls	5,716,805	
620,916	Less Cost of Collection	735,658	
4,912,406	Net Tolls Received		4,981,147
418,754	Interest on Sinking Fund Investments		610,009
5,331,160	TOTAL INCOME		5,591,156
	EXPENDITURE		
28,122	Lighting		43,191
123,000	Traffic Facilities		145,461
56,920	General Administration		64,022
	Debt Charges —		
2,323,990	State General Loan Account	2,478,400	
1,128,852	Loans Raised by Department	1,345,790	
68,326	Interest on County of Cumberland Fund Advance	65,054	
3,521,168	TOTAL DEBT CHARGES		3,889,244
3,729,210	TOTAL EXPENDITURE		4,141,918
1,601,950	Excess of Income over Expenditure		1,449,238
5,331,160			5,591,156



FINANCE

BALANCE SHEET AS AT 30 JUNE 1979

1977/78 \$		\$	1978/79 \$
FUNDS EMPLOYED:			
LOAN DEBT			
26,522,975	State General Loan Account	26,102,811	
5,598,762	Loans Raised by Department	5,476,746	
32,121,737	Outstanding at 30 June 1979		31,579,557
APPLICATION OF TOLL REVENUE			
2,092,458	Tolls applied to repayment of General Loans	2,036,720	
	Tolls applied to Loans raised by Department	523,254	
800,000	Tolls applied to repayment of Treasury Advance	800,000	
2,892,458			3,359,974
CONTRIBUTIONS			
735,805	Commonwealth Government for repayment of General Loans		810,469
35,750,000			35,750,000
RESERVES AND PROVISIONS			
4,415,017	Tolls set aside for loan repayments	5,264,877	
Accumulated Funds —			
— 838,944	As at 1 July 1978	763,006	
1,601,950	Current year	1,449,238	
763,006		2,212,244	
5,178,023			7,477,121
40,928,023			43,227,121
REPRESENTED BY:			
FIXED ASSETS AT COST			
12,953,264	Construction Berowra to Hawkesbury River	12,953,264	
15,253,752	Construction Hawkesbury River to Calga	15,253,752	
6,902,820	Construction of Bridge over Hawkesbury River	6,902,820	
35,109,836			35,109,836
776,296	Toll Office Land, Building & Equipment	821,884	
136,132	Less Depreciation	181,720	
640,164			640,164
35,750,000			35,750,000
ASSETS FOR LOAN REPAYMENT			
4,415,017	Investment in Public Authorities	5,264,877	
1,700,000	Investment in Short Term Deposits	2,900,000	
Less Current Liability —			
936,994	County of Cumberland Fund	687,756	
763,006		2,212,244	
5,178,023			7,477,121
40,928,023			43,227,121

One of the 500 veteran and vintage cars in the 1978 Australian International Veteran and Vintage Motor Rally travelling on the Berowra to Calga Tollwork.

FINANCE

WATERFALL TO BULLI PASS TOLLWORK

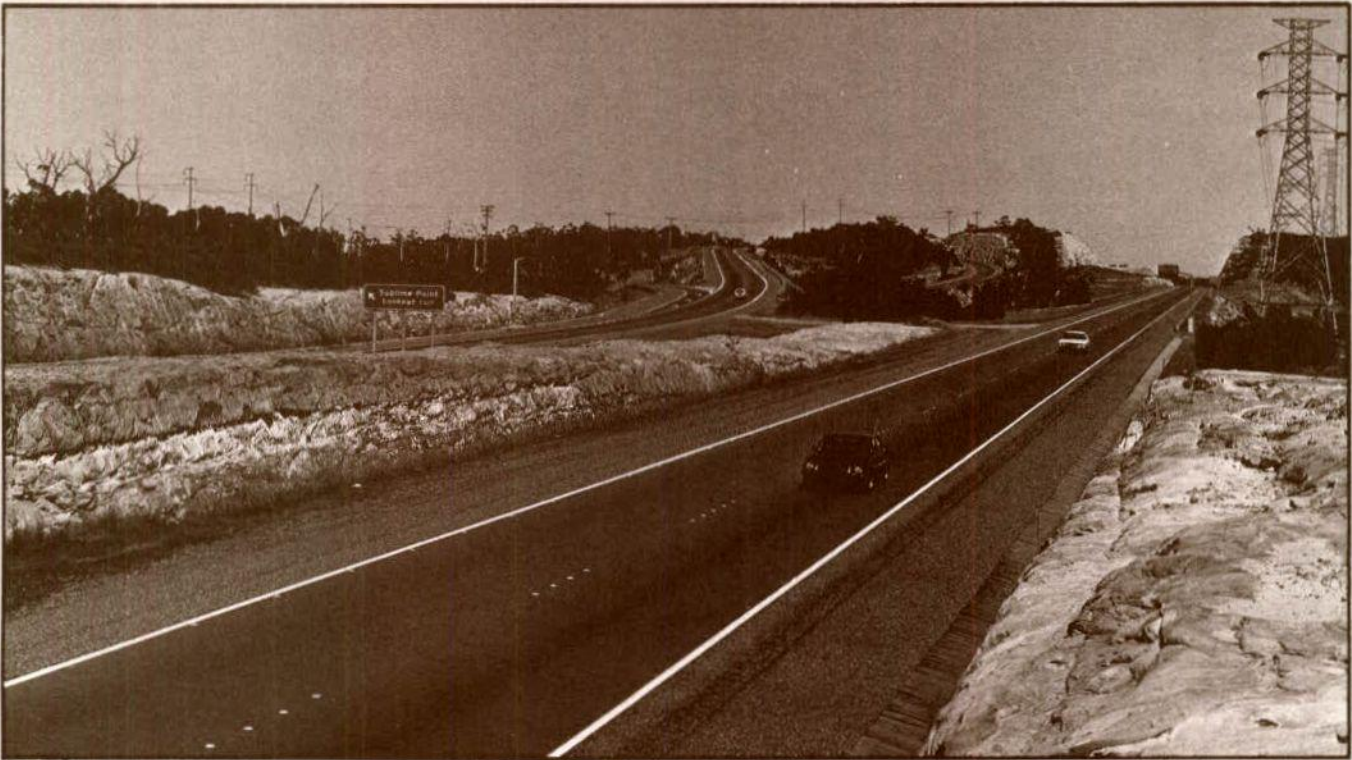
Income and Expenditure

During 1978/79 3,501,395 vehicles used this Tollwork, an increase of 59,856 vehicles over the previous year. This represents an average daily traffic increase of 164 vehicles over 1977/78.

Toll collections were \$1,530,065, an increase of \$75,396 (5.18%) over the previous year. Total expenditure, including the cost of collecting tolls, in 1978/79 was \$4,702,106, a decrease of \$86,085.

INCOME AND EXPENDITURE FOR 1978/79

1977/78			1978/79
\$		\$	\$
INCOME			
1,454,669	Tolls	1,530,065	
528,453	Less Cost of Collection	577,086	
926,216	Net Tolls Received		952,979
2,900,000	Contribution from County of Cumberland Fund		2,669,867
389,050	Interest on Sinking Fund Investments		537,840
4,215,266	TOTAL INCOME		4,160,686
EXPENDITURE			
307,653	Maintenance		278,397
37,017	Lighting		52,600
199,037	Traffic Facilities		160,332
41,067	General Administration		40,074
	Debt Charges —		
276,560	State General Loan Account	316,600	
3,398,404	Loans Raised by Department	3,277,017	
3,674,964	TOTAL DEBT CHARGES		3,593,617
4,259,738	TOTAL EXPENDITURE		4,125,020
- 44,472	Excess of Expenditure over Income 1977/78		
	Excess of Income over Expenditure 1978/79		35,666
4,215,266			4,160,686



FINANCE

BALANCE SHEET AS AT 30 JUNE 1979

1977/78			1978/79
\$		\$	\$
	FUNDS EMPLOYED:		
	LOAN DEBT		
3,226,307	State General Loan Account	3,166,072	
25,278,156	Loans Raised by Department	24,772,448	
28,504,463	Outstanding at 30 June 1979		27,938,520
	APPLICATION OF TOLL REVENUE		
131,130	Tolls applied to repayment of General Loans	182,230	
2,321,844	Tolls applied to Loans raised by Department	2,827,552	
2,452,974			3,009,782
	CONTRIBUTIONS		
42,563	Commonwealth Government for repayment of General Loans		51,698
31,000,000			31,000,000
4,997,176	RESERVES AND PROVISIONS		
	Funds set aside for loan repayments		5,798,101
	Accumulated funds —		
—	At 1 July 1978	— 35,666	
— 35,666	Current Year	+ 35,666	
— 35,666			—
4,961,510			5,798,101
35,961,510			36,798,101
	REPRESENTED BY:		
	FIXED ASSETS AT COST		
30,338,486	Construction of Roads and Bridges		30,338,486
782,649	Toll Office Land, Buildings and Equipment	798,184	
121,135	Less Depreciation	136,670	
661,514			661,514
31,000,000			31,000,000
4,997,176	ASSETS FOR LOAN REPAYMENT		
— 35,666	Investments in Public Authorities	5,798,101	
	Less Current Liability — County of Cumberland Fund	—	
			5,798,101
35,961,510			36,798,101

The Waterfall to Bulli Pass Tollwork,
showing the Sublime Point Lookout
exit on the left.

FINANCE

SYDNEY HARBOUR BRIDGE

INCOME AND EXPENDITURE

The toll income other than from buses and trains amounted to \$5,471,318 which was \$75,888 (or 1.4%) more than in 1977/78. The contribution received from the Public Transport Commission in lieu of toll charges for rail and bus travellers amounted to \$425,572.

Total expenditure, including the cost of collecting tolls, in 1978/79 was \$6,554,404, an increase of \$452,878 (7.4%) over the previous year.

Loan funds arranged by the Treasury and borrowings under Section 42A of the Main Roads Act for the construction of the Sydney Harbour Bridge, Cahill Expressway and part of the Warringah Freeway amount to \$29,841,503. Loan repayments and amounts set aside for loan repayments to 30 June 1979 totalling \$18,032,039 have reduced the outstanding loan liability to \$11,809,464.

In 1978/79 loan repayments and amounts set aside for loan repayments totalled \$792,141.

MAINTENANCE

The fifth cycle of repainting of the Sydney Harbour Bridge continued throughout the year. Prior to repainting particular emphasis was given to the standard of cleaning the painted steel surfaces showing early break-down.

The area of steelwork in a complete cycle of repainting is 485 000 m². During the year 25 400 m² of steelwork area were painted which completes approximately 327 435 m² of the fifth cycle of repainting.

A further 5 800 m² of steel surface area were painted on associated bridges and structures in the overall complex to the Sydney Harbour Bridge under the control of the Sydney Harbour Bridge Maintenance Works Office.

Improvements to access ways for greater safety and efficiency in the standard of maintenance were continued throughout the year. Improvements to the security barriers were also continued to provide a higher standard of security control.

Routine maintenance and inspections of steelwork, cranes, lifts, mechanical equipment, power supply, lighting and electrical equipment were continued through the year.

Routine maintenance of the fire services, water supply and drainage was carried out.

General repairs to, and maintenance of, damaged railway deck planks; Toll and Traffic Control Offices; information and direction signs; expansion joints; and the pavement of the Bradfield Highway, Warringah Freeway and Cahill Expressway in the approaches to the Sydney Harbour Bridge, were carried out.

INCOME AND EXPENDITURE FOR 1978/79

1977/78 \$		\$	1978/79 \$
INCOME			
5,395,430	Tolls — Road	5,471,318	
356,158	— P.T.C. Railway and Omnibus	425,572	
	— Omnibus — Private	410	
5,751,528		5,897,300	
1,245,347	Less Cost of Collection	1,365,103	
4,506,241	Net Tolls Received		4,532,197
272,122	Rents		274,455
285,000	Interest on Working Cash Investments		278,750
347,985	Interest on Sinking Fund Investments		413,368
5,411,348	TOTAL INCOME		5,498,770
EXPENDITURE			
1,633,426	Maintenance including Lighting		1,620,937
1,071,520	Traffic Facilities		1,334,337
175,811	General Administration		175,464
	Debt Charges —		
763,000	Treasury Loans	775,000	
1,212,422	Loans raised by Department	1,283,563	
1,975,422	TOTAL DEBT CHARGES		2,058,563
4,856,179	TOTAL EXPENDITURE		5,189,301
555,169	Excess of Income over Expenditure		309,469
5,411,348			5,498,770

FINANCE

BALANCE SHEET AS AT 30 JUNE 1979

1977/78 \$		\$	1978/79 \$
	FUNDS EMPLOYED:		
	LOAN DEBT		
9,396,281	Treasurer	9,369,274	
7,545,904	Borrowings under Section 42A of the Main Roads Act	7,437,610	
16,942,185			16,806,884
	APPLICATION OF TOLLS		
12,899,318	Tolls applied to repayment of loans	13,034,619	
23,683,037	Capital Works financed from tolls, etc.	23,683,037	
3,352,226	Contributions by Councils and Miscellaneous	3,352,226	
56,876,766			56,876,766
	RESERVES AND PROVISIONS		
4,340,580	Tolls set aside for repayment of loans		4,997,420
	Accumulated Funds —		
4,670,792	At 1 July 1978	4,670,792	
65,888,138	Surplus 1978-79	309,469	4,980,261
	TOTAL FUNDS		66,854,447
	REPRESENTED BY:		
	FIXED ASSETS		
19,060,785	Bridge Construction	19,060,785	
26,463,303	Warringah Freeway Approach	26,463,303	
8,977,270	Cahill Expressway	8,977,270	
2,375,408	Other associated roadworks	2,375,408	
56,876,766		56,876,766	
82,586	Furniture and Equipment	58,889	
56,959,352	(Less Depreciation)		56,935,655
	ASSETS FOR LOAN REPAYMENTS		
4,246,800	Investments in Public Authorities	4,897,300	
92,907	Accrued Interest	97,256	
873	Cash	2,864	
4,340,580			4,997,420
	CURRENT ASSETS		
81,835	Stores and Materials	95,371	
279,857	Sundry Debtors	407,802	
4,431,172	Cash	4,617,041	
4,792,864		5,120,214	
	Less Current Liabilities —		
204,658	Sundry Creditors	198,842	
4,588,206			4,921,372
65,888,138			66,854,447

TRAFFIC

The road vehicle crossings of the bridge during the 1978 calendar year totalled 56,603,510 of which 29,179,670 vehicles were northbound and 27,423,840 vehicles were southbound.

The annual average daily traffic volume on the Sydney Harbour Bridge increased by 2.9% over the volume of the previous year to 155,210 vehicles per day. The highest daily volume of 192,910 vehicles was recorded on Friday, 15 December 1978. The annual average daily southbound traffic increased by 2.0% to 75,200 while the northbound traffic increased by 3.8% to 80,010.

Average peak hour volumes in the direction of major flow of 9,980 vehicles in the morning and 9,190 vehicles in the

evening peak periods remained much the same as those recorded during the previous year. The highest hourly volumes recorded in the direction of major flow were 10,800 vehicles in the mornings and 10,300 vehicles in the evening peak periods.

Average peak hour volumes in the direction of minor flow increased by 3.4% to 3,630 in the mornings and by 7.0% to 4,140 in the evening peak periods. The highest hourly volumes recorded in the direction of minor flow were 4,520 vehicles in the mornings and 5,390 in the evening peak periods.

It should be noted, that the directional peak hour volumes were selected during the hour of the highest combined volume.

CONSTRUCTION

The principal works mentioned here are only part of the total programme aimed at continued improvement of the main roads system.

FREEWAYS

F1 — Warringah Freeway

Construction of the second stage between Miller Street, Cammeray and Willoughby Road, Naremburn was completed and opened to traffic on 19 September 1978.

F3 — North Western Freeway

Work on the section between Erskine Street, City and Harris Street, Pyrmont continued during the year.

Construction of the superstructure of viaducts to link Pyrmont Street with Erskine Street and Erskine Street with Harris Street was continued by a combination of direct control and contract works.

During the year the N.S.W. State Dockyards continued fabrication and supply of steel girders for the longer viaduct spans.

Work also continued on major reconstruction of surface roadways at the eastern terminal.

F3 — Sydney-Newcastle Freeway

Construction work continued (by both contract and direct control) on the section between Ourimbah Creek and Wyong River (84-90.3 km north of Sydney).

Work commenced on the construction of the motorway connection from Wyee Bifurcation to Doyalson (99-107 km north of Sydney) by direct control.

The Department continued reconstruction and strengthening of weakened sections of pavement between the Hawkesbury River and Calga.

Site investigation and design has continued on sections of the Freeway between Mt. White and Ourimbah (67-84 km north of Sydney) and Wyee Bifurcation to Wyee (99-108 km north of Sydney).

F4 — Western Freeway

Following completion of works on the Warringah Freeway it was possible to resume construction of the Western Freeway between Concord and Granville in September 1978.

Immediate attention was directed to provision by stage construction of a link between Marlborough Road, Homebush and Silverwater Road, Silverwater. It is expected that this section of the Western Freeway will be available for traffic during December 1979.

The Department commenced strengthening weakened sections of the Freeway between the Mulgoa Road Overbridge and Russell Street, Emu Plains.

F5 — South Western Freeway

Work continued on the section from Kenny Hill (54.4 km) to the Nepean River at Pheasants Nest (77.2 km) and to Yanderra (89 km south of Sydney).

F6 — Southern Freeway

Work was completed on the interchange at Gladstone Avenue to complete the connection via Masters Road to Springhill Road (Main Road No. 568).

Work was completed on both carriageways of the section of the Freeway between Northcliffe Avenue (Main Road No. 613) at Berkeley and Kanahooka Road, Dapto including the approaches to the new Mullet Creek bridges and the bridges over Northcliffe Drive. This section was opened to traffic on 13 December 1978.

Preliminary works and public utility adjustments continued on the section between Kanahooka and Emerson Roads, Dapto.

Lime stabilisation on the F5 — South Western Freeway, between Pheasants Nest and Avon Dam.





Above: Construction of the north-western end of The Foreshore Road near its junction with General Holmes Drive.

Below: Looking south on the F6 — Southern Freeway with the onloading ramp from Kanahooka Road in the foreground and the Mullet Creek bridges in the background.



ROADS

COUNTY OF CUMBERLAND

State Highway No. 2 — Hume Highway

Widening to six lanes, strengthening of the existing pavement and the provision of kerb and gutter was completed between Marsh Parade and Box Road (southbound carriageway) and between Box Road and Kurrajong Road (northbound carriageway) at Casula.

State Highway No. 5 — Great Western Highway

The Department commenced the reconstruction and widening to six lanes (in concrete) of the highway between O'Connell Street and Parker Street, Kingswood.

Work was continued on the reconstruction and provision of climbing lanes at Woodford.

Ancillary work to the construction of climbing lanes at Pritchard Street, Wentworth Falls was continued.

Reshaping and strengthening of selected sections with asphaltic concrete was continued during the year between 33.2 km and 96.7 km west of Parramatta.

Heavy patching work was carried out on selected locations between 35.3 km and 96.7 km west of Parramatta.

Pavement widening to 7.4 m and bituminous sealing of shoulders at selected locations between 35.5 km and 86.6 km west of Parramatta was continued.

State Highway No. 10 — Pacific Highway

Improvements were commenced to the junction with Longueville Road (Main Road No. 373) including the widening of Longueville Road, between the Pacific Highway and Kimberley Avenue to six lanes. A large reinforced concrete retaining wall was completed.

State Highway No. 13 — Pennant Hills Road

Reconstruction in concrete of the damaged pavement between Pacific Highway, Pearces Corner, Waitara and Frazer Road, Normanhurst was continued.

Main Road No. 154 — Bringelly Road

Liverpool City Council continued the construction of the approaches to the bridge over Thompsons Creek.

Main Road No. 158 — Marsden Road

The Department commenced widening to four lanes, between Illarangi Street and Pennant Hills Road, Carlingford.

Main Road No. 162 — Mona Vale Road

Reconstruction is proceeding to provide an interim four lane connection between the Pacific Highway and the new six lane construction at Highlands Avenue, Pymble.

Reconstruction and widening to provide six lanes between Killeaton Street and the Ku-ring-gai Wildflower Garden was completed, except for the final layer of asphalt running course.

Main Road No. 164 — Military Road

Reconstruction between Merlin Street and Wycombe Road, Neutral Bay was commenced.

Main Road No. 164 — Barrenjoey Road

Reconstruction to provide four lanes between Central Road and Elaine Avenue, Avalon was completed except for the final layer of asphalt running course.

Main Road No. 170 — Botany Road

Construction of the concrete pavement in association with the reconstruction and widening between The Foreshore Road and McCauley Street is expected to be completed in September 1979.

Main Road No. 172 — Bondi Junction By-Pass

Construction of the Bondi Junction By-Pass between Moncur Street, Woollahra and Bondi Road, Bondi Junction, was completed. The 1.5 km deviation, which provides a by-pass of the Bondi Junction Shopping Centre for through traffic in Oxford Street, was opened to traffic on 9 January 1979.

Main Road No. 173 — New South Head Road

Reconstruction and widening of New South Head Road between McLean Street and Ocean Street, and, of Ocean Street, between New South Head Road and Albert Street was completed.

Main Road No. 177 — Appin Road

Work is almost complete on the construction of a deviation between the South Western Freeway and Campbelltown to provide an improved alignment and approaches to the new replacement structure at Bow Bowing Creek.

Main Road No. 190 — Joseph Street

Auburn Municipal Council continued the reconstruction to provide dual carriageways between the Bankstown Municipal boundary and Leila Street, Lidcombe, and commenced work on the section between Leila Street and George Street, Lidcombe.

Main Road No. 194 — General Holmes Drive

The construction of the intersection with The Foreshore Road was continued.

Main Road No. 227 — Kingsway

Construction works by Sutherland Shire Council between Wandella Road and Sylvania Road, Miranda, are 50% complete, however, due to necessary utility adjustments to be carried out, further construction works will be delayed.

Main Road No. 373 — Epping Road

The Department completed the construction of dual carriageways between Delhi Road and Shrimptons Creek, North Ryde, including a new interchange at the intersection with Lane Cove Road.

Construction of a right turn storage lane at the intersection with Centennial Avenue was commenced.

Main Road No. 512 — Heathcote Road

Construction of climbing lanes between Princes Highway and New Illawarra Road will be completed in July 1979.

Main Road No. 515 — Elizabeth Drive

The Department completed construction and widening to six lanes between Copeland Street and Maxwells Avenue, Mount Pritchard. Work commenced on reconstruction and widening to four lanes between Reservoir Road, Mount Pritchard and Cabramatta Road at Bonnyrigg.

Main Road No. 537 — Blacktown Road and Richmond Road

The Department commenced construction of the approaches to the new bridge over South Creek at Clydesdale.

The Department commenced construction of the approaches to the new bridge over Rickabys Creek at South Windsor.

Main Road No. 574 — Stewart Street

The Department commenced construction of dual carriageways between Kissing Point Road and Marsden Road, Dundas.

Main Road No. 617 — The Foreshore Road

Construction continued from Botany Road to General Holmes Drive. It is expected to be opened to traffic in September 1979.

Secondary Road No. 2071 — Warren Road and Betts Road

Holroyd Municipal Council commenced construction of the deviation between Warren Road and Betts Road, Merrylands West, including the approaches to the new bridge over the Sydney Water Supply pipeline.

Secondary Road No. 2081 — Rutledge Street and First Avenue

Ryde Municipal Council completed the construction of the approaches to the new railway overbridge at Eastwood and the reconstruction, to four lanes, of First Avenue between the bridge approaches and Ryedale Road.

County Road No. 5012 — Silverwater Road Extension

The Department commenced construction of this new route, which will provide dual two-lane carriageways, between Victoria Road and Kissing Point Road, Dundas.

County Road No. 5015 — continuation of North Parramatta By-Pass towards Wentworthville

The Department commenced construction of this new route, which will provide dual two and three-lane carriageways from Windsor Road, Northmead, along Briens Road and then deviating via a new bridge over Toongabbie Creek to Harris Road, Wentworthville.

Reconstruction to provide dual carriageways on Joseph Street (Main Road No. 190) between the Bankstown Municipal boundary and Lella Street, Lidcombe.

County Road No. 5016

Work continued on the construction of the County Road between Clancy Street and Alma Road, Padstow.

County Road No. 5033 — connection to Old Windsor Road

The Department commenced construction of this new route, which will provide dual two-lane carriageways, between Toongabbie Creek and Hammers Road, Northmead.

County Road No. 5037 — North Parramatta By-Pass

The Department continued construction of the section between Pennant Hills Road, North Parramatta and Windsor Road, Northmead, including provision of bridges at Pennant Hills Road, Lackey Street, North Rocks Road, Darling Mills Creek and Windsor Road.

COUNTRY

State Highway No. 1 — Princes Highway

Wollongong City Council continued the reconstruction (including sidestrips) between Gibsons Road and Five Islands Road, Figtree.

The Department continued the reconstruction to provide four lanes over a length of 4 km on an improved alignment to eliminate a winding section of road south of Kiama, from 42.3 km to 46.3 km south of Wollongong.

Work commenced on the East Street deviation to by-pass the Nowra Central Business District.

Work continued on the reconstruction on an improved alignment between 7.3 km and 9.2 km south of Nowra.

Work commenced on the provision of climbing lanes between Batemans Bay and Mogo.

Reconstruction of the length from 2.7 km to 9.0 km south of Bega was completed apart from the final 10 mm seal.



State Highway No. 2 — Hume Highway

Work continued on the reconstruction between the F5 — South Western Freeway at Aylmerton and Mittagong to provide four lanes between 117.0 km and 123.1 km south of Sydney.

Work was completed on the strengthening of the existing pavement between 126.1 km and 128.8 km south of Sydney. Within this length a climbing lane was provided south of Gibbergunyah Creek.

Work continued on the construction of dual carriageways on a deviation between Exeter Road and Paddys River. Work on the section between Penrose State Forest and Paddys River was completed.

Work was completed on the construction of a second carriageway (southbound) between 46.7 km and 51.5 km south of Mittagong. Work is in progress between 51.5 km and 52.8 km south of Mittagong.

Pavement strengthening and formation widening continued throughout the year. This work included, in particular, the replacement of 170 m of failed cement concrete pavement at Marulan, and the widening of the pavement to 7.4 m, with sealed shoulders, on the section between 19.8 km and 21.6 km south of Goulburn.

Goulburn City Council is proceeding with the final stages of reconstruction work in Cowper Street and Hume Street between 0.9 km and 3.0 km south of Goulburn.

Work continued on the strengthening of the pavement on the Bowring Deviation 12.0 km to 16.4 km west of Yass.

Extensive sub-surface drainage works are being undertaken to provide a stable pavement.

Work was continued on the extension of realignment work on the approaches to the new bridge over Connors Creek, 35 km west of Yass.

Work was completed on reconstruction between 76.0 km and 77.0 km south of Yass to eliminate dangerous reverse curves over the length known as Black Springs Creek.

Work was continued on the construction of the approaches to the new bridge over the Murrumbidgee River at Gundagai, and also on formation work on the northern approaches to the proposed new bridges over Jessups Lagoon.

Work was continued on the programme of pavement strengthening and widening for the full length of the Hume Highway between the Barton Highway intersection and Hillas Creek, a total distance of 138.9 km.

The widening and strengthening of the pavement on the existing alignment and grade between 27 km and 28 km south of Gundagai is nearing completion.

Work is being continued on the realignment and reconstruction of the section between 3.6 km and 20.4 km south of Tarcutta.

Work commenced on improvements to the junction of the Hume Highway (State Highway No. 2) and the Snowy Mountains Highway (State Highway No. 4).

The upgrading of the section between 39 km and 51.7 km south of Gundagai is in progress.

Construction of a deviation of the Hume Highway to by-pass Gundagai.





Bulldozer at work on the construction of the deviation of the New England Highway between Uralla and Barleyfields.

State Highway No. 3 — Federal Highway

Widening to accommodate turning lanes at the Bungendore turn-off 51.9 km south of Goulburn, and the provision of a 7.4 m wide pavement with sealed shoulders between 40.6 km and 42.1 km south of Goulburn, were completed. Work is in progress strengthening the pavement and widening the formation along the shore of Lake George, 34.0 km to 45.5 km south of Goulburn.

State Highway No. 4 — Snowy Mountains Highway

Work continued on the reconstruction and bituminous surfacing between 0.75 and 5.9 km east of Tumut. Strengthening of the existing pavement between 14.1 km and 15 km west of Tumut is currently being undertaken. Work commenced on formation widening with pavement strengthening and associated drainage works on the existing alignment between 28.0 km and 47.0 km west of Tumut.

State Highway No. 5 — Great Western Highway

Work was continued on the construction of dual carriageways to the approaches to the Marrangaroo Creek Bridge.

Work continued on heavy patching of the concrete pavement from South Bowenfels to Lidsdale.

State Highway No. 7 — Mitchell Highway

Work continued on the strengthening of the pavement and the provision of a climbing lane near Rocks Hill.

Construction of the approaches to the new bridge over Molong Creek at Erambie was completed.

Work resumed on the reconstruction and bituminous surfacing from 13.4 km to 20.3 km north of Molong.

Pavement strengthening and widening between 38.6 km and 46.2 km north of Molong is nearing completion.

Construction of the approaches to the two new bridges over Sandy Creek is in progress. Work commenced on

widening and strengthening the existing pavement between 14.2 km and 17.7 km west of Dubbo.

Reconstruction and widening was completed from 28.0 km to 30.7 km north of Bourke and is in progress from 13.4 km to 16.9 km south of Bourke.

State Highway No. 8 — Barrier Highway

Work was completed on the reconstruction and widening of the formation between 2.2 km and 9.2 km east of Broken Hill, including the Willa Willong Creek Bridge approaches (two bridges).

Except for the final seal coat, work was completed on the reconstruction and widening of the formation from 6.0 km to 12.2 km west of Broken Hill including the Stirling Vale Creek deviation from 6.3 km to 12.0 km.

Work commenced on the reconstruction and widening of the formation from 12.2 km to 20.0 km west of Broken Hill.

State Highway No. 9 — New England Highway

Reconstruction between Farley Road and Anambah Road, Rutherford was completed.

Work commenced on the reconstruction and widening of the approaches to Barnes Gully and Goonoo Goonoo Creek Bridges, from Gipps Street to the Peel River Bridge, Tamworth.

Work continued on major reconstruction to provide dual carriageways over the first Moonbi Range.

Work continued on the construction of a deviation between Uralla and Barleyfields.

Reconstruction of the section between 43.5 km and 46.2 km north of Glen Innes was completed to primer seal stage and reconstruction of the section between 83.0 km and 88.3 km is well advanced.

State Highway No. 10 — Pacific Highway

Construction of a second carriageway to provide dual two-lane divided carriageways between Doyalson and Vales Point turn-off, was commenced.

Construction continued of a second carriageway to provide dual two-lane divided carriageways from Saliene Avenue to Elizabeth Bay Road.

Construction of a divided carriageway at Nords Wharf Road junction was commenced.

Pavement widening and the construction of dual carriageways between Swansea Bridge and Soldiers Road, Marks Point was commenced.

Construction of divided carriageways between Oxford Street, Gateshead and Warners Bay Road, Cains Hill was commenced.

Pavement widening between Boolambayte Creek and O'Sullivan's Gap was completed.

Reconstruction and provision of a slow speed lane between Bangalow Creek and Bacons Quarry was commenced.

Reconstruction and widening of the distressed pavement at Nabitac, was completed and similar work was commenced on the section from 143.9 km to 146.5 km north of Newcastle.

Work has commenced on reconstruction and widening of the section from Trunk Road No. 90 — Bucketts Way to the Manning River Bridge.

Work was commenced on the construction of a climbing lane north of Allomera Creek.

Construction of the Bellwood Deviation which will by-pass Nambucca Heads was commenced.

Reconstruction and bituminous surfacing from Carsons Creek to Dirty Creek was completed.

Reconstruction and strengthening of sections of failed and deformed pavement between 119 km and 128 km north of Grafton, is in progress.

Reconstruction and widening, including provision of climbing lanes, between 26.9 km and 28.7 km north of Ballina (Stage 1) was completed. Reconstruction and widening, including provision of climbing lanes, between 28.7 km and 31 km north of Ballina (Stage 2) was commenced.

Preliminary work is in hand for the construction of a deviation to a new railway overbridge at Tyagarah.

Construction of a deviation for the approaches to three new bridges over the north arm of the Brunswick River and Billinudgel Swamp was commenced.

Construction of a deviation at Condong was commenced.

State Highway No. 11 — Oxley Highway

Construction of the Mullaley Flood Plains between 46.2 km and 52.6 km west of Gunnedah is progressing.

State Highway No. 12 — Gwydir Highway

Pavement strengthening and widening was completed of isolated sections, having a total road length of 5.0 km, between 16.8 km and 38.8 km east of Glen Innes. Work is continuing with strengthening and widening of the existing pavement between 5.6 km and 11.5 km east of Glen Innes.

Severn Shire Council completed pavement strengthening and widening, including the provision of an overtaking lane for westbound traffic, between 4.7 km and 6.9 km west of Glen Innes.

Yallaroi Shire Council continued strengthening and widening of the pavement between 27.6 km to 41.4 km west of Warialda and to date has completed 6.6 km of the section. Work is now continuing westerly from 31.6 km to 36.9 km near Yagobie.

Reconstruction and bituminous surfacing was completed between 64.4 km and 68.0 km west of Moree and is continuing with reconstruction of the section between 74.0 km and 80.5 km west of Moree.

State Highway No. 14 — Sturt Highway

Widening of the formation and sealing of the shoulders was completed from 20.0 km to 32.0 km west of Hay.

Work commenced on formation widening and sealing of the shoulders between 75.7 km and 81.5 km west of Hay. Reconstruction, on an improved alignment and widening of the formation between 86.6 km and 90.3 km and from 95.1 km to 97.5 km west of Hay commenced.

Reconstruction on an improved alignment and formation widening was completed from 97.5 km to 102.4 km west of Hay.

Work commenced on the construction and bituminous surfacing from 45.6 km to 53.0 km west of Euston.

State Highway No. 15 — Barton Highway

Work continued on a programme of pavement strengthening and formation widening at various locations between 5.0 km and 29.0 km south of Yass. This work is a continuing programme throughout the length of the Barton Highway to provide improved traffic facilities.

State Highway No. 16 — Bruxner Highway

Lismore City Council continued construction of Section B of the Lismore deviation. The work is the final link in the future highway deviation around Lismore.

Ashford Shire Council continued construction of the Yetman-Boggabilla Deviation between 0.0 km and 18.4 km west of Yetman.

State Highway No. 18 — Castlereagh Highway

Reconstruction and pavement widening, including the construction of an additional floodway, is in progress south of Walgett.

State Highway No. 19 — Monaro Highway

Work was completed on the section from 78.7 km to 82.0 km south of Canberra, except for the final 10 mm seal. This length includes the construction of the approaches to the new bridge over the Bredbo River at Bredbo.

State Highway No. 21 — Cobb Highway

Work was commenced on the reconstruction and bituminous surfacing on an initial section from 2.2 km to 21.0 km south of Ivanhoe.

Work is being finalised on the reconstruction from 32.3 km to 52.4 km south of Wilcannia.

Trunk Road No. 95 — Mt. Ousley Road

Reconstruction is now well advanced to provide dual carriageways between the junction with Main Road No. 513 and the link road to the F6 — Southern Freeway at Gwynneville.

Work is proceeding on the construction of a deviation for the new Maldon Bridge over the Nepean River.

Main Road No. 259 — Burragorang Road

Work was commenced on the construction of the approaches to the proposed replacement bridge over Mt. Hunter Rivulet at Mt. Hunter.

Main Road No. 503 — Putty Road

Reconstruction of the section between 18.3 km and 19.6 km north of Windsor was continued.

Main Road No. 513 — Mt. Ousley Road

Work was continued to provide four lanes between Bellambi Creek and the junction with Trunk Road No. 95 including a deviation at Cataract Dam.

BRIDGES

During the year 38 bridges, 18 bridge size box culverts (i.e. box culverts with a waterway width of six metres or more) were made available to traffic. In addition 13 structures were widened, five of which provided extra lanes.

The 69 bridgeworks of various types which were completed and opened to traffic during 1978/79 are situated on roads of various classifications as set out in Table 1.

At the end of the year 33 bridges, 26 bridge size box culverts and the widening of five structures, three of which were widened for extra lanes, were completed but not opened to traffic and are situated on roads of various classifications as set out in Table 2.

Also at the end of the year 69 bridges, 14 bridge size box culverts, 1 tunnel and the widening of 11 structures, five of which are being widened for extra lanes, were in progress and are situated on roads of various classifications as set out in Table 3.

PRINCIPAL BRIDGEWORKS
COMPLETED DURING THE YEAR AND
OPENED TO TRAFFIC

F1 — Warringah Freeway

The Department completed construction by contract of twin single span prestressed concrete girder bridges over Brook Street, Naremburn. Each new structure is 27 m long and provides four traffic lanes.

F5 — South Western Freeway

The Department completed construction by contract of a four span prestressed concrete voided slab deck bridge over the South Western Freeway at Moreton Park, 63.9 km south of Sydney. The new structure is 78 m long and provides two traffic lanes and one footway.

The Department completed construction by its own forces of a four span prestressed concrete spine beam bridge over the South Western Freeway at Moreton Park Road, 69.17 km south of Sydney. The new structure is 97.6 m long and provides two traffic lanes and one footway.

TABLE 1 BRIDGEWORKS COMPLETED AND OPENED TO TRAFFIC

	Bridges	Bridge Size Box Culverts	Widenings		Total
			Extra Lanes	No Extra Lanes	
Freeways	11	1	—	—	12
State Highways	7	11	3	8	29
Trunk Roads	2	2	—	—	4
Main Roads	14	4	2	—	20
Developmental Roads, Developmental Works and Unclassified Roads	2	—	—	—	2
County Roads	1	—	—	—	1
Tourist Roads	1	—	—	—	1
Total	38	18	5	8	69

TABLE 2 BRIDGEWORKS COMPLETED BUT NOT OPENED TO TRAFFIC

	Bridges	Bridge Size Box Culverts	Widenings		Total
			Extra Lanes	No Extra Lanes	
Freeways	9	2	—	—	10
State Highways	12	20	3	2	37
Trunk Roads	3	4	—	—	7
Main Roads	6	—	—	—	6
Tourist Roads	3	—	—	—	3
Total	33	26	3	2	64

TABLE 3 BRIDGEWORKS IN PROGRESS

	Bridges	Bridge Size Box Culverts	Widenings			Total
			Extra Lanes	No Extra Lanes	Tunnel	
Freeways	23	—	—	—	1	25
State Highways	25	4	4	6	—	39
Trunk Roads	5	3	—	—	—	8
Main Roads	11	5	1	—	—	17
Developmental Roads, Develop- mental Works and Unclassified Roads	2	2	—	—	—	4
County Roads	3	—	—	—	—	3
Total	69	14	5	6	1	95

F6 — Southern Freeway

The Department completed construction by contract of a three span prestressed concrete voided slab bridge over the Southern Freeway at Kanahooka Road at Dapto. The new structure is 78.6 m long and provides four traffic lanes.

The Department completed construction by contract of twin three span prestressed concrete plank bridges to carry loading ramps to and from the Southern Freeway over the access road from Gladstone Avenue to Herne Estate, Wollongong. The new structures are 30.6 m and 30.4 m long and each provides three traffic lanes.

The Department completed construction by contract of twin 10 span prestressed concrete voided slab deck bridges over Mullet Creek at Kembla Grange, 91.4 km south of Sydney. Each new structure is 250 m long and provides three traffic lanes.

The Department completed construction by contract of twin three span prestressed concrete voided slab deck bridges over Northcliffe Drive at Berkeley. Each new structure is 67.2 m long and provides three traffic lanes.

State Highway No. 7 — Mitchell Highway

The Department completed construction by contract of a four span steel girder and reinforced concrete bridge over Molong Creek 5.6 km east of Molong. The new structure is 61 m long, provides two traffic lanes and replaces a timber beam bridge 40.5 m long.

State Highway No. 13 — Pennant Hills Road

The Department completed construction by its own forces of a single span steel girder and reinforced concrete bridge over County Road No. 5037 at Pennant Hills Road near Burnside Homes, North Parramatta. The new structure is 29.6 m long and provides six traffic lanes.

State Highway No. 19 — Monaro Highway

The Department completed construction by contract of a six span steel girder bridge over the Bredbo River at Bredbo. The new bridge is 128.4 m long provides two traffic lanes and replaces a timber beam bridge 86 m long.

Main Road No. 172 — Bondi Junction By-Pass

The Department completed construction of a 26 span prestressed concrete viaduct at Bondi Junction. This work was undertaken by both contract and direct control.

The new structure is 456.6 m long and provides six traffic lanes.

Main Road No. 321

The Department completed construction by contract of a seven span prestressed concrete girder bridge over the flood channel to the Murrumbidgee River at Darlington Point. The new structure is 96 m long, provides two traffic lanes and a footway, and replaces a timber beam bridge 96 m long.

The Department completed construction by contract of an 11 span prestressed concrete girder bridge over the Murrumbidgee River at Darlington Point. The new structure is 205.7 m long, provides two lanes and one footway and replaces a steel truss span with a lift span and timber beam approach span bridge 207 m long.

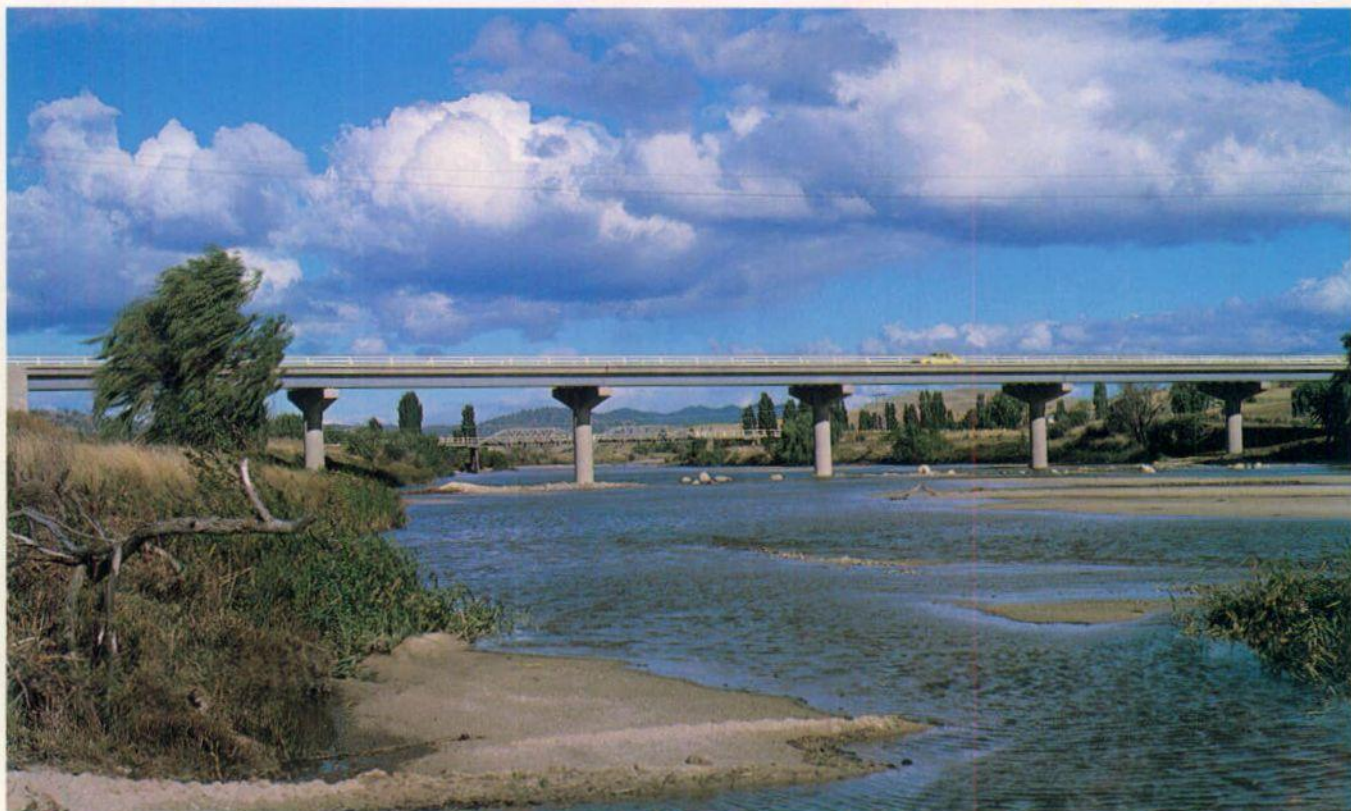
Main Road No. 373 — Epping Road

The Department completed construction by contract of a three span prestressed concrete girder bridge over Lane Cove Road (Main Road No. 162) at Ryde. The new structure is 101.8 m long and provides six lanes.

Main Road No. 609 — The Horsley Drive

The Department completed widening by contract of the existing five span prestressed concrete girder bridge over the railway line in The Horsley Drive, Fairfield. The widened structure now provides six traffic lanes and one footway.

This new bridge at Bredbo, which was opened to traffic on 24 March 1979, now carries the Monaro Highway over the Bredbo River. The old timber truss bridge can be seen in the background.





Left: On 27 April 1979, this new bridge, spanning the Murrumbidgee River at Darlington Point, was opened to traffic.

Below: Epping Road Overbridge, looking towards Sydney, was officially opened to traffic on 28 July 1978 by the Hon. N. K. Wran, Q.C., M.P., Premier of New South Wales.



MAINTENANCE

ROADS

Prolonged wet weather during the winter of 1978 caused extensive damage to the main roads system in the southern, north-western and western areas of the State. Because of the rains, many unsealed roads were made impassable for lengthy periods and it was necessary to divert resources for the restoration of these roads.

In the north-eastern area of the State, weather conditions proved to be better and this permitted a greater concentration of effort on routine maintenance and improvement works. The benefits of the major resealing programme commenced in 1976 are now being felt. Generally, pavements are of a better standard with the reduced maintenance of major failures on the roads.

In the County of Cumberland, work continued throughout the year in controlling the rate of deterioration caused by the passage of increasingly large volumes of heavy vehicles. In general, a satisfactory level of serviceability of the road system has been maintained. As a part of this programme of works, the Department continued the replacement of broken concrete slabs, mudjacking and jointing.

The main roads under the care and control of Councils were generally maintained in a satisfactory condition throughout the year.

BRIDGES

At 1 July 1978 there were 5,741 bridges of all types with a total length of 197 670.1 m on classified roads in this State.

Bridge maintenance was carried out by the Department and Councils. The Department generally undertook the work on state highways, ex-national bridges and special subsidy works.

The work generally consisted of the replacement of worn out decking and longitudinal sheeting on timber bridges together with repair or replacement of damaged trusses, and members such as piles, girders and bracings.

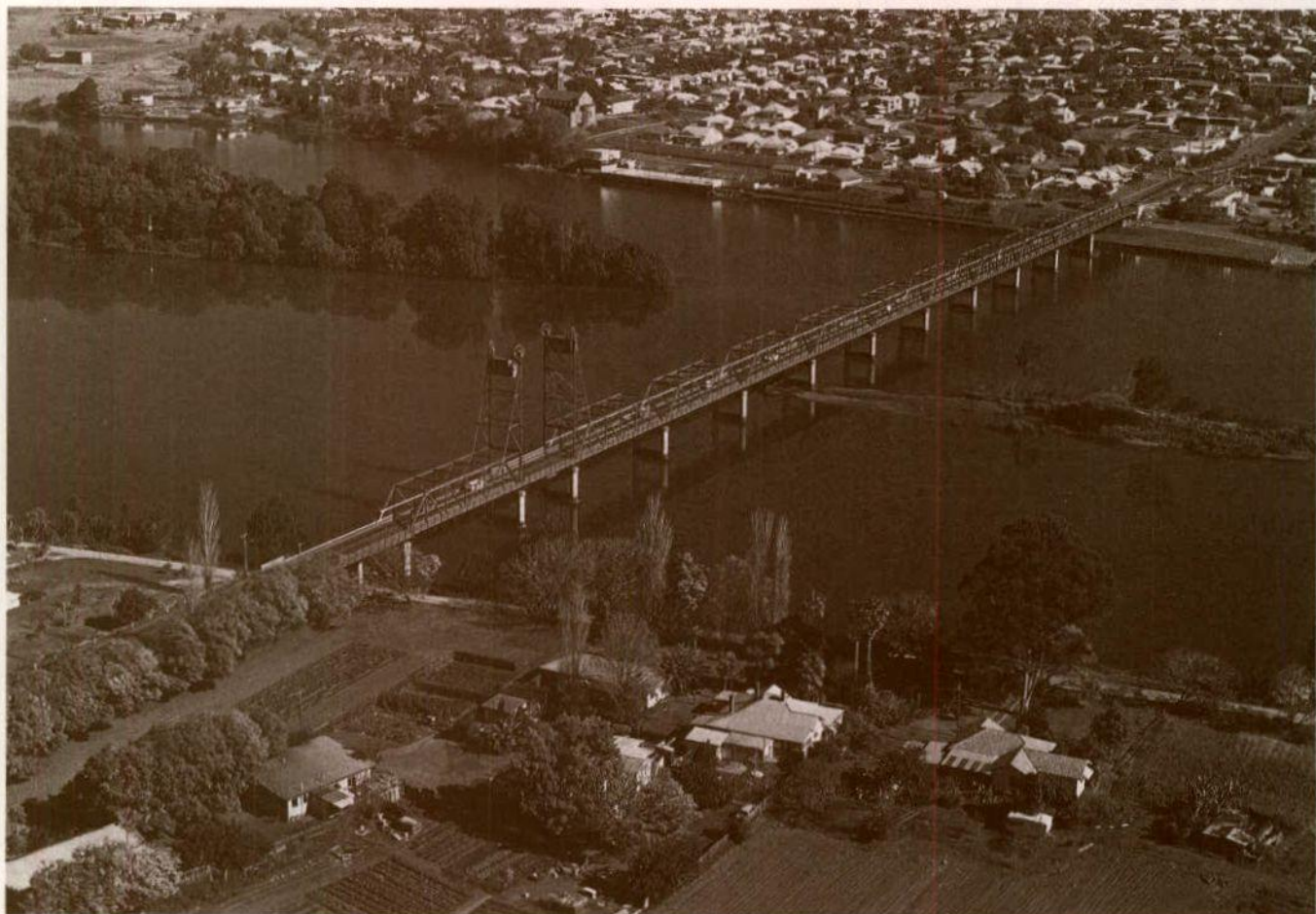
Repainting of steel structures, timber trusses and handrails and regular inspections of timber, steel and concrete bridges were continued.

FERRIES

There were 11 vehicular ferry crossings in which the Department was financially involved. Of these, three were operated by the Department's own organisation, three by contract to the Department and five by contract to Councils.

Funds provided for bridge maintenance and the caretaking and operation of vehicular ferries by the Department in 1978/79 totalled \$10,810.00.

During the year, the repainting of the bridge over the Manning River at Taree on the Pacific Highway was completed.



TRAFFIC MANAGEMENT

TRAFFIC AUTHORITY OF NEW SOUTH WALES

Traffic Authority delegations have continued to operate through the Department and Councils in the case of traffic facility devices on main roads and local roads respectively. The Council Traffic Committees have allowed these delegations to operate with the minimum of delay in the case of local roads and have provided a useful forum for discussions of other traffic matters.

The Department has continued to convene or to be represented on a number of standing and ad hoc Working Parties for the Authority. These Working Parties have dealt with matters ranging from road closures, light traffic thoroughfares, local traffic management schemes, regional traffic management schemes, commuter transport routes, public transport routes, individual development applications, town centre development proposals and have reported to the Authority recommending appropriate action.

TRAFFIC SIGNALS

A total of 95 new sets of traffic signals were brought into service during the year using Department staff and contractors. In addition there were 23 sites under construction or let to contract at 30 June 1979.

At 30 June 1979 there were 1,566 sets of signals in service throughout the State, distributed as shown in the following table:

TRAFFIC SIGNALS THROUGHOUT THE STATE

	Vehicle Actuated	Pedestrian Actuated	Inner City	Total
Sydney	1,028	209	113	1,350
Newcastle	68	20	—	88
Wollongong	53	7	—	60
Country Centres ..	53	15	—	68
Total	1,202	251	113	1,566

In addition 41 sets of traffic signals were reconstructed because of changing traffic factors or road reconstruction and six sets were removed from service.

The Department's construction staff installed 10 of the sets of signals commissioned during the year, the remainder being installed by contractors to the Department's designs and specifications. The Department's staff also carried out 26 of the reconstructions of existing signals.

Temporary signals were installed at four locations to assist in controlling traffic movements at works in progress.

This large number of traffic signals was needed to control traffic on arterial roads, catering for through traffic and traffic wishing to join the arterial road. Where signals were close together either in a central business district or continuous along an arterial road, there was a need to co-ordinate their operation.

During the year, three additional regional computer systems were installed in cabins at Silverwater, Hornsby and Wollongong, making a total of nine computer cabins currently commissioned.

In addition, three other cabins were constructed at Hamilton, Warwick Farm and Taren Point. The installation of the computer equipment to these cabins is being undertaken.

There were 95 signal sites co-ordinated during the year. The total number of sites now co-ordinated is 469. Of the above co-ordinated signal sites, 87 were connected to regional computer systems during the year, making a total of 345 signal sites currently controlled by computer.

DIVIDED ROADS AND CHANNELISED INTERSECTIONS

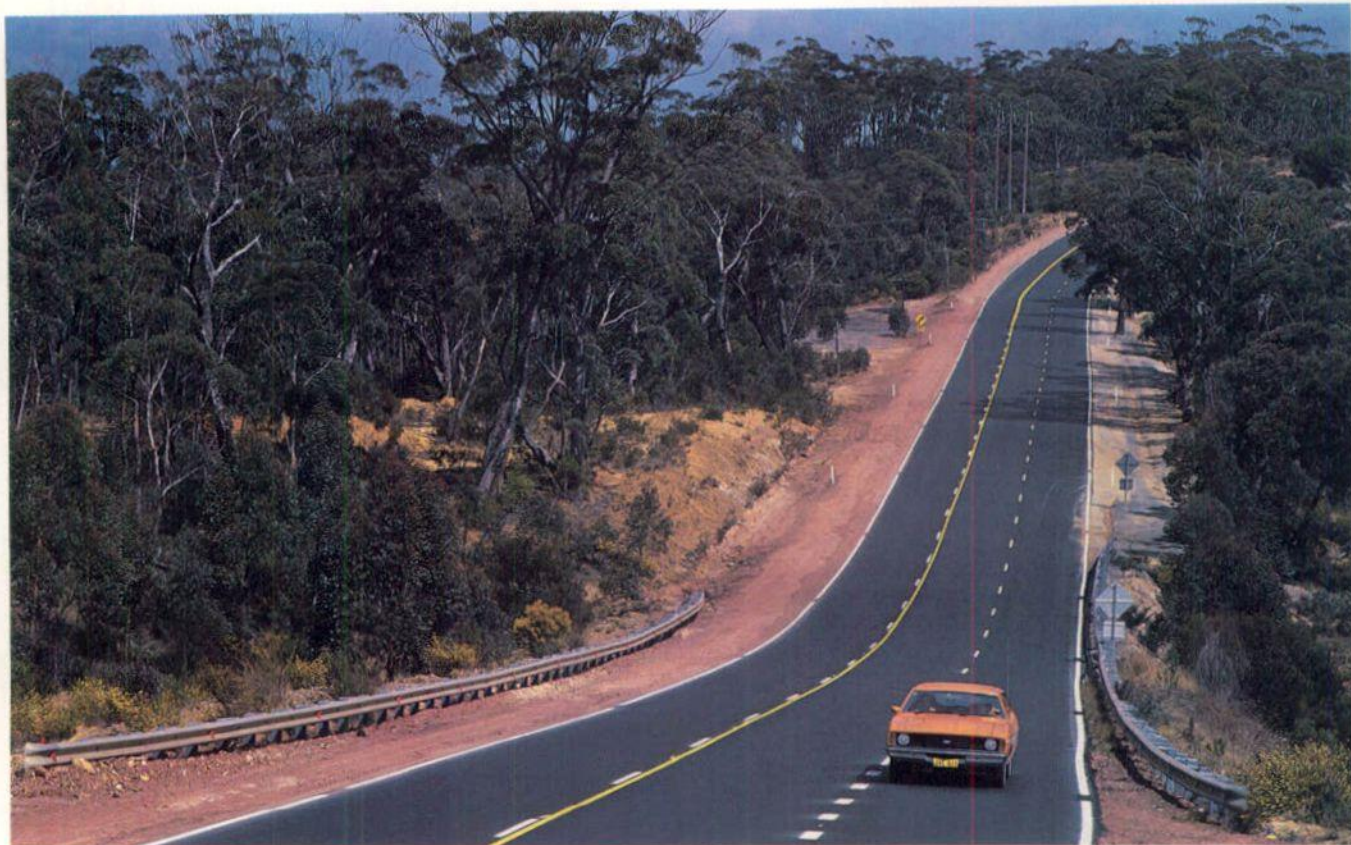
Median strips were constructed in permanent materials and were generally of three widths. Medians less than 1.5 m wide were constructed along 4.0 km of main road, bringing the total to 130.0 km. Medians 1.5 m but less than 3 m were added to 4.9 km of main road, giving a total of 130.9 km. Medians 3 m and greater in width were constructed along a length totalling 22.8 km, bringing the total of this size median to 386.7 km. There are now 647.6 km of main road which have been provided with a median.

The total number of channelised and reconstructed intersections completed during the year was 89. Major sites completed included:

- Warringah Freeway and Willoughby Road, Naremburn
- Bondi Junction By-Pass and Bondi Road, Bondi Junction
- Parramatta By-Pass and Pennant Hills Road, North Parramatta
- Great Western Highway, Cary Street and Lawson Street, Emu Plains
- Pacific Highway and Mowbray Road, Artarmon
- Old Northern Road and Galston Road, Dural
- Boundary Road, Penshurst Street and Archbold Road, Roseville
- Pennant Hills Road and Carlingford Road, Carlingford
- Bruxner Highway, Trunk Road No. 65 and Uralba Street, Lismore
- Henry Lawson Drive and Bullecourt Avenue, Milperra

OTHER TRAFFIC SAFETY AND MANAGEMENT SCHEMES

The barrel of the pedestrian subway under the Pacific Highway at Pymble was completed during the year and construction of the approach ramps was well advanced.



Newly constructed climbing lane on the Bells Line of Road (Main Road No. 184), 2 km to 5 km east of Bell.

A total of 15 lengths of climbing lane were constructed during the year bringing the number now constructed throughout the State to 251. There were 3 bus bays constructed during the year bringing the total on main roads to 178.

In addition 45 miscellaneous traffic safety management projects were undertaken by the Department and Councils utilising funds made available by the Commonwealth Government. These projects ranged from minor realignment of crests and curves to erection of guardrail on bridge approaches. The widening of Market Street between York Street and Clarence Street, Sydney was completed during the year. The nearby signals were adjusted to suit this widening. An additional lane was completed for southbound traffic along Boundary Street between Clive Street and Archbold Road, Roseville and this work is assisting the movement of traffic towards Chatswood and the city in the AM peak particularly.

OPERATIONS

In addition to the construction and reconstruction of traffic signals, Departmental staff were engaged in routine operation, maintenance and emergency repair work in the Sydney, Wollongong and Newcastle areas. In other areas such work was carried out by the local electricity supply authority on behalf of the Department.

Priority road conditions were established on 14 202 km of arterial routes by installation of "Give Way" and "Stop" signs. The sealed main and secondary road system is 90% complete.

It is now expected that all arterial routes will have full intersection control installed by the end of 1979 and drivers travelling any road with a marked centreline or median may expect control by regulatory signs or signals at every intersection.

Peak hour clearways were introduced at 12 locations on routes in the Sydney Metropolitan area and on 7 km of the Pacific Highway between Charlestown and Merewether in the Newcastle Metropolitan area.

The Victoria Road transit lane was extended across the Gladesville Bridge for AM citybound traffic. This now completes a transit lane route of about 10 km between Gladesville and White Bay.

Tidal flow arrangements were also provided on the Gladesville Bridge in the AM peak to suit the transit lane facility. These arrangements are causing some inconvenience to outbound traffic and construction has commenced on the modifications to the bridge which will allow seven traffic lanes to be available in peak periods.

During the year new speed zones were established over the following lengths: 38 km (60 km/h), 45 km (80 km/h), 147 km (100 km/h) and 32 km (110 km/h). Extensions to existing speed zones were made over 63 km of roadway.

Over 23,000 new facilities including marked footcrossings, traffic domes, regulatory, warning and guide signs, together with about 36,000 replacement signs were provided during the year. The installation and maintenance work on regulatory signs in the Sydney, Newcastle and Wollongong areas is carried out by the Department's own staff and in other areas the work is performed by Councils on behalf of the Department.

The Department maintained approximately 45 000 km of longitudinal traffic lines on classified roads. Raised pavement markers continued to be used to augment painted lines and to simulate traffic lines on freeways. Approximately 142 000 m² of transverse lines, zebra crossings and road symbols were marked and maintained during the year. Hot applied thermoplastic material, instead of conventional linemarking paint was continued to be used throughout the year.

PLANNING AND DESIGN

POLICY AND ECONOMICS

In the latter half of the year, a Policy and Economics Unit was established with a staff of five reporting to the Commissioner. The Unit operates as a team comprised of its Chief, Corporate Planner, Transport Economist, Administrative Officer and Stenographer. All appointments have been made and it is expected that the Unit will be fully staffed early in the 1979/80 year.

The Unit is designed to broaden the capacity of the Department to respond to policy and economic questions. It will advise the Commissioner on all aspects of corporate policy and planning. By doing this, it will help the Commissioner expend resources made available to the Department in the best interests of all people as perceived by an informed community.

In performing this role, the Policy and Economics Unit will develop and manage the Department's corporate planning process and will undertake specific strategic studies.

It will provide advice on corporate policy and planning, identify constraints and opportunities likely to affect the Department and delineate their consequences.

In carrying out this task, it will build on the work already done by the Management and Strategy Review Team in delineating the major issues facing the Department.

In particular it will work to:

- establish and document the corporate objectives of the Department;
- formulate a style of corporate planning which is tailored to the requirements of the Department; and
- effect solutions to the challenges facing the Department in the areas of resources, needs of the people as seen by them, the organisation and the Departmental community.

The main involvement of the Unit in its work will be to facilitate the harnessing of the resources of the Department as a whole to address the issues involved.

Aerial view of the completed extension to the F1 — Warringah Freeway from Miller Street, Cammeray to Willoughby Road, Naremburn.



ADVANCE PLANNING

Expanding and updating roads and structures data inventory continued to be an essential part of the Department's activities in connection with planning for the future needs of the State's Main Roads System.

During the year, two field survey teams equipped with instrumented vehicles continued with field surveys of classified roads in the State. The requirements of the proposed National Association of Australian State Road Authorities Co-ordinated S.R.A. Data Bank and the Department's own Data Bank are being taken into account in assessing the extent of the field surveys.

Work continued, in conjunction with the Shires Association of N.S.W., with a view to developing a satisfactory alternative procedure for the distribution of moneys to Councils, under the States Grants (Roads) Act 1977, for the construction and maintenance of rural local roads.

URBAN ROAD PLANNING

COUNTY OF CUMBERLAND

In September 1978 the Government announced that a public enquiry would be held into the planned Kyeemagh-Chullora route. Earlier in the year, a joint study, by the Planning and Environment Commission and the Department, was started. In the course of the study three general routes, with variations, were examined. The study culminated in a background report identifying the advantages and disadvantages of each route. Having completed the joint study report the Department then commenced preparation of its submission to the enquiry.

Georges River Bridge at Tom Uglys Point is a three lane structure, with six lane approach roads. The traffic demand across the bridge continues to grow and amplification of bridge capacity is already needed. Ways and means of achieving greater capacity were investigated during the year. The most likely proposal is to build a second three lane bridge on the eastern side of the present structure.

A long term proposal is the construction of a motorway connecting both Sutherland and South Bankstown to the newly developing suburb of Menai. Outline plans, sufficient to define property boundaries for this proposed motorway, were substantially completed.

In October 1977 the Government announced that it would abandon the proposed North Western Freeway between Pyrmont and Gladesville Bridge and opt for a connection from the road crossing of Darling Harbour to Bank Street and progressive up-grading of the existing road between Bank Street Pyrmont and Gladesville Bridge. Several conceptual schemes were examined in outline. These are now being investigated in detail, particularly at the Pyrmont end where the City Council is formulating plans for the regeneration of the Pyrmont area.

The Department's programming provides for the construction of a new bridge across the Georges River on the line of the South Western Freeway south of Liverpool. This bridge will relieve heavy traffic congestion in the vicinity of the Liverpool commercial centre brought about by the continually increasing demand for vehicular movement across the river in this general area. As the new bridge will virtually be the first stage of the

South Western Freeway in the urban area, the Department retained Consultants to investigate further staging of this freeway easterly towards King Georges Road and westerly to Prestons.

Further work was undertaken on the route and scale of a north/south arterial road to the east of the City of Sydney known, generally, as the Eastern Distributor.

During the year the Government announced plans for the establishment of a major sporting complex in the Homebush Bay area. As a consequence, the Department has been closely involved in investigations into means of developing access to the site in conjunction with other interested authorities.

The Department obtains copies of all variations to statutory planning schemes so that its plans for future road improvements will continue to efficiently serve the traffic needs of the County of Cumberland. Each is examined for its potential effect on the Department's plans for development of the main roads system. A total of 141 such variations, principally by way of interim development orders, were received during the year.

The Department is also interested in probable land use variations which have not been adopted, and in development proposals of other authorities. Representation was made on two permanent planning committees as well as informal and ad hoc committees set up to deal with specific problems. The Commissioner represents the Department on the Urban Transport Advisory Committee of New South Wales. There was official representation on the Technical Advisory Committee of the Urban Transport Study Group, and on three of the Consultative Group Committees of the Major Airport Needs of Sydney Study.

Enquirers with interests in real estate are supplied, on written request, with information as to the likely effect of the Department's future road proposals on properties. 108,000 such enquiries were received in the Department's Head Office during the year, as compared with 92,000 the previous year.

NEWCASTLE AND DISTRICT

Reservations for the Department's proposals for development of the main roads system in the Newcastle area were included in the Northumberland County Planning Scheme gazetted in 1960. These will be reviewed as a result of the findings of the transport study of the Newcastle area being conducted by the Urban Transport Study Group for the Urban Transport Advisory Committee of New South Wales. This study is nearing completion. A draft report on short term road needs was received and commented upon by the Department.

WOLLONGONG AND DISTRICT

The Illawarra Planning Scheme, gazetted in 1968, included reservations for the improvement of main roads in the Wollongong-Shellharbour area. These reservations will be reviewed in the light of the findings of the transport study currently being undertaken by the Urban Transport Study Group for the Illawarra region.

CHARTING OF PLANNING INFORMATION

The Cartographic Section serves as a special group for producing the various maps issued by the Department and for the production of graphic art work. The various reference maps, road indexes and planning information used in the Department are maintained by this group.

COUNTRY ROAD LOCATION

During 1978/79 planning activities included a continuing review of the Main Roads System. Fifty proposals for proclamation, reclassification and re-routing of roads were investigated.

Investigation of alternative routes for the Hume Highway between Aylmerton and Hoddles Cross Roads, including environmental and economic studies, continued. Planning proposals were evaluated for the Hunter and Illawarra Regions, the Perisher Valley and 33 Local Government areas.

Cost/benefit analyses were carried out on 11 proposals.

Road locations were approved for 16 rural projects having a total length of 116.9 km. Projects under investigation have a total length of 437 km.

Aerial route photography during the year covered 452 km of State Highways. Project photography with a flight length of 284 km was also flown. Photogrammetric mapping was completed with a total area of 17 263 ha. The cost of aerial photography and photogrammetric mapping carried out for the Department by contract was \$90,500.

A total of 25,433 land development control enquiries were dealt with during the year. This is a free service to the public enabling those involved in land transactions to ascertain the effect, if any, of road proposals on properties.

Proclamation of motorways achieves control of frontage access on widened or relocated routes. During the year approval was given to motorway boundaries and points of access totalling 15.4 km. Amendments to approved boundaries totalled five.

TECHNICAL COMPUTING

The Engineer-in-Chief's Branch continues to be supplied with data preparation, computing, plotting and programming service by the Technical Computing Section.

During the year four additional terminals to the technical computer were installed in the Bridge Design Section, Materials and Research Laboratory and Metropolitan and Paramatta Divisional Offices. The terminal in the laboratory is used for editing and processing the vast amount of data collected automatically by specialised pavement monitoring vehicles.

Technical computer terminals in Head Office and elsewhere now number fourteen. The growing number of computer terminals allow many computer users to prepare and manage their own data so that demand for the data preparation service remains static in spite of increasing computer use.

Demand for computer service fully extends the central and peripheral memory capacities of the Cyber computer and plans have been made to increase capacities of both kinds of memory.

A large transportation planning programme package was installed on the technical computer following successful use of the package at the computer bureau. It is used extensively for urban road and traffic planning.

ENVIRONMENTAL STUDIES

During the year, the Environmental Study Group (established in 1973) has continued to examine Reviews of Environmental Factors (REF's), from Divisions, Councils and Head Office Sections, to assess the impact of proposed projects on the environment. This screening process, which often involves field inspections, enables a determination to be made of the degree of impact, ranging from no significant impact to that requiring a comprehensive environmental study.

The Environmental Study Group is currently engaged in conducting environmental impact studies and the preparation of environmental impact statements for public display and comment, on three major works:

(a) F3 — Sydney to Newcastle Freeway from Mt. White to Ourimbah.

(b) F3 — Sydney to Newcastle Freeway from Wallarah Creek interchange to Wallsend.

(c) State Highway No. 25 — Illawarra Highway: improvement and upgrading of Macquarie Pass and approaches.

Vegetation, fauna and archaeological (aboriginal relics) surveys have either been made or are in hand by specialist consultants to the Department on these three proposals. Opinions have also been sought and obtained from Government Departments and agencies concerning any effects of the proposals on their works or responsibilities. In addition, valuable inputs to the studies are being supplied by other Sections of the Department, including Rural Investigations (location detail, cost/benefit analysis), Materials and Research (geology and soils), Traffic, and Public Relations (photography for visual impact).

Field studies have been undertaken, using recently purchased equipment for audio-visual measurement, recording and analysis of traffic noise. These studies are being co-ordinated with previous research on the "Social Effects of Freeways" and "Techniques for Evaluation and Assessment of Environmental Impact" in order to predict probable noise-sensitive areas, to verify the location, design and effectiveness of noise barriers, and to assess community reaction to noise.

A group of draftsmen attending a lecture on environmental factors in road design.



OPERATIONS

SURVEY AND ACQUISITION OF LAND

A considerable proportion of the cost of roadbuilding involves the acquisition of land. The timing of purchases for future works is particularly important and funds available do not often permit acquisition of properties prior to their immediate need for current works programmes.

A total of 777 property settlements were made. Of these, 124 were acquired to alleviate extreme hardship which would have affected the owners if the purchase was not made in advance of normal procedure, 446 by negotiation, 93 due to realignment and 114 resumptions.

During the year 37 resumptions in the County of Cumberland and 98 in areas outside the County of Cumberland were gazetted affecting 261 properties.

A staff of 45 Staff Valuers negotiated settlement and total expenditure amounted to \$14.04 million (excluding administrative costs). This was apportioned between State Sources — County of Cumberland \$2.61 million, Country \$1.5 million; and Commonwealth Sources — Urban Arterial \$8.78 million, National Roads \$1.15 million.

Three staff valuers were engaged on the review of rentals for Departmental tenanted properties, staff housing and office and depot accommodation.

To establish boundaries of land to be acquired to accommodate new roads or road widening schemes, surveys are first carried out. During the year, 40 surveys covering a length of 12.75 km were made in the County of Cumberland. Outside the County of Cumberland 65 surveys covering a length of 107.1 km were carried out.

Plan preparation during the year involved 152 plans of 276 sheets, which were prepared for lodgement at the Registrar General's Department. Included in these plans were those required in connection with realignment proposals affecting 8.0 km of road.

An increase in the number of land development enquiries answered by the Survey and Property Section brought the total for the year to 7,745 compared to 5,637 during the previous year.

BITUMINOUS SURFACING

ASPHALT PRODUCTION AND LAYING

The total quantity of asphalt used by the Department on works under its direct control was 532 712 tonnes, an increase of 63 948 tonnes on last year's usage. The growth in asphalt usage over the last 26 years is illustrated in the graph on page 38.

Central Asphalt Depot

Central Asphalt Depot produced 403 632 tonnes of asphalt, an increase of 67 395 tonnes on last year's production. Almost all of the asphalt was produced in the Department's 400 tonnes per hour batch plant which operated very efficiently and economically during the year, achieving record daily outputs of over 3 000 tonnes.

The asphalt produced at Central Asphalt Depot was delivered by road to construction and maintenance works within a radius of about 120 km from Sydney. The Department employed a haulage fleet of 30 Departmental and up to 90 Lorry Owner/Driver tipping trucks with capacities ranging from 12 to 16 tonnes.

Six asphalt paving teams were employed in placing asphalt on roads within Sydney and surrounding areas, i.e., within the range of supply from the Central Asphalt Depot. Four of these teams were controlled by Central Asphalt Depot and one each by the Metropolitan and Parramatta Divisions.

Mobile Asphalt Unit

The Mobile Asphalt Unit, which comprises a 35 tonnes per hour batch mixing plant, a paving team and ancillary plant, produced and laid 36 259 tonnes of asphalt during the year a decrease of 1 771 tonnes over last year's production.

Between July 1978 and February 1979, the Unit was located near Penrose Forest, where it produced and laid 23 465 tonnes of asphalt on the Hume Highway (State Highway No. 2).

Between February 1979 and June 1979, the Unit was located at Menangle, where it produced and laid 11 347 tonnes of asphalt for paving on the F5 — South Western Freeway.

In June 1979, the plant was moved to Bargo, where it produced 1 447 tonnes of asphalt for the F5 — South Western Freeway.

Bellambi Asphalt Unit

The Bellambi Unit, which comprises a 25 tonnes per hour batch mixing plant and a paving team produced and laid 26 144 tonnes of asphalt during the year, an increase of 8 025 tonnes on last year's production.

This asphalt was used on various construction and maintenance works in the Illawarra Division.

Contract Asphalt Works

Contractors supplied and delivered 37 621 tonnes of asphalt in Sydney and surrounding areas to supplement supplies from the Department's own plants. This supply was required to meet some peak demands but also because of the convenient locations of contract plants to some of the Department's works.

Contracts were also let for the supply and laying of 29 056 tonnes of asphalt on various construction and maintenance works in Country Divisions.

The total quantity of asphalt produced by contract plants was 66 677 tonnes, a decrease of 9 701 tonnes on last year's production.

SPRAYED BITUMINOUS SURFACING

The Department operated nine complete bituminous surfacing units, each comprising a 5 500 litre capacity self-propelled bitumen sprayer, aggregate loaders, aggregate spreaders, rollers, trucks and ancillary plant. One of these units was based at the Central Asphalt Depot for use by the seven Divisions surrounding Sydney. The other eight units were based in Country Divisions. An additional (tenth) 5 500 litre capacity, sprayer was brought into use during the year at Central Asphalt Depot as a supporting unit.

A further nine smaller, 2 250 litre capacity trailer or skid mounted bitumen sprayers were operated in Divisions for priming, primer-sealing and patching works.

The quantity of bitumen sprayed by the Department's units was 8 908 919 litres. A further quantity of 2 626 730 litres was sprayed on the Department's direct control works by contractors making the total quantity of bitumen sprayed on the Department's works 11 535 649 litres.

BITUMEN USAGE

The total quantity of bitumen used by the Department on direct control works was 38 171 249 litres comprising 11 535 649 litres sprayed and a further 26 635 600 litres used in manufacture of asphalt.

ASPHALT PAVEMENT MILLING AND RECYCLING

During the year, a C.M.I. Model PR 375 Roto-Mill Pavement Profiling Machine was brought into use. This is a cold milling machine which is capable of removing material, either asphalt or cement concrete, from an existing pavement to depths of up to 100 mm and widths of up to 2.82 m in a single pass travelling at speeds of up to 21.34 m/min. As part of the process, the milled material

is removed from the pavement and loaded by conveyor into a following truck.

The purposes of the machine are to:—

- Correct the shape of the existing pavement.
- Remove unserviceable material prior to overlaying with asphalt.
- Provide an accurate profile prior to overlaying with asphalt.
- Provide a textured surface to an asphalt or cement concrete pavement for skid resistance purposes.
- Reclaim pavement material for re-use.

The cold milling machine was the first of its kind to be used in Australia.

The machine has been used on a variety of works in the Sydney and surrounding areas, removing a total quantity of 24 958 tonnes of material. It was also used, on loan to the Country Roads Board of Victoria for pavement correction work on the Hume Freeway between Wallan and Broadford, where it removed a quantity of 6 000 tonnes of asphalt.

The reclaimed material, in the Sydney area, has been used for resurfacing of shoulders or stockpiled in strategic locations for future use. It is proposed that in the future, reclaimed material may be recycled by blending with virgin material in the asphalt manufacturing process.

The Department's new Roto-Mill Pavement Profiler brings new technology into the field of road maintenance and resurfacing.



BITUMINOUS SURFACING LENGTHS

The total length of dust free surface on Freeways, State Highways, Trunk Roads, Main Roads, Secondary Roads, Tourist Roads, Developmental Roads and Unclassified Roads for which the Commissioner for Main Roads is responsible is now 25 198 km.

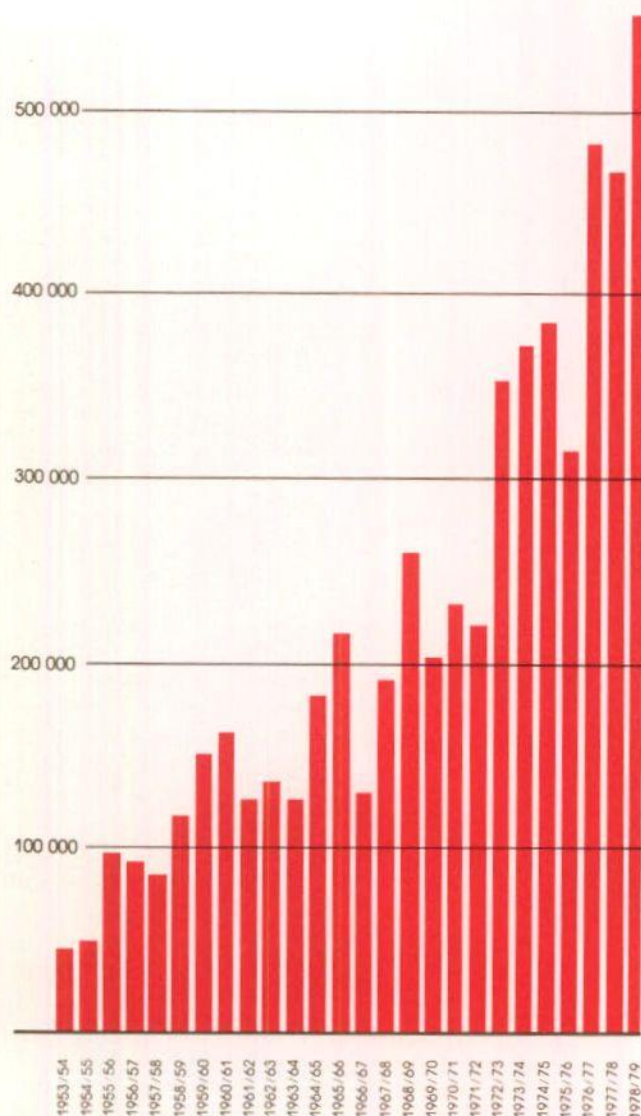
Bituminous surfacing work was carried out on:

Freeways	8 km
State Highways	1 096 km
Trunk Roads	373 km
Main Roads	704 km
Secondary Roads	21 km
Tourist Roads	26 km
Unclassified Roads	1 km
Developmental Roads	13 km

The total length of surfacing completed was 2 240 km which involved 4 749 lane km or the equivalent of 2 375 km of normal two lane road.

The Department was the authority for 1 140 km (2 455 lane km) of surfacing of which 939 km (2 011 lane km) were done by direct control and 202 km (444 lane km) by contract.

Asphalt used Annually in tonnes



Councils were the constructing authority for 1 100 km (2 294 lane km) surfacing of which 156 km (350 lane km) were done by direct control and 944 km (1 944 lane km) by contract.

The work comprised:

Asphalt Surfacing	199 km
Bitumen Enrichment	131 km
Sprayed Seal	1 847 km
Primer Seal	57 km
Prime	7 km

The bituminous surfacing work during the year may be divided into four categories:

1. Initial treatment — of 106 km (222 lane km) of road not previously provided with dust free surface.

2. Heavier Treatment — either sprayed seals or asphalt surfacing provided on 53 km (109 lane km) or road previously provided with a light treatment such as prime or primer-seal.

3. Restoration — of bituminous surfacing following reconstruction:

(a) to widen and/or strengthen the pavement on 204 km (423 lane km),

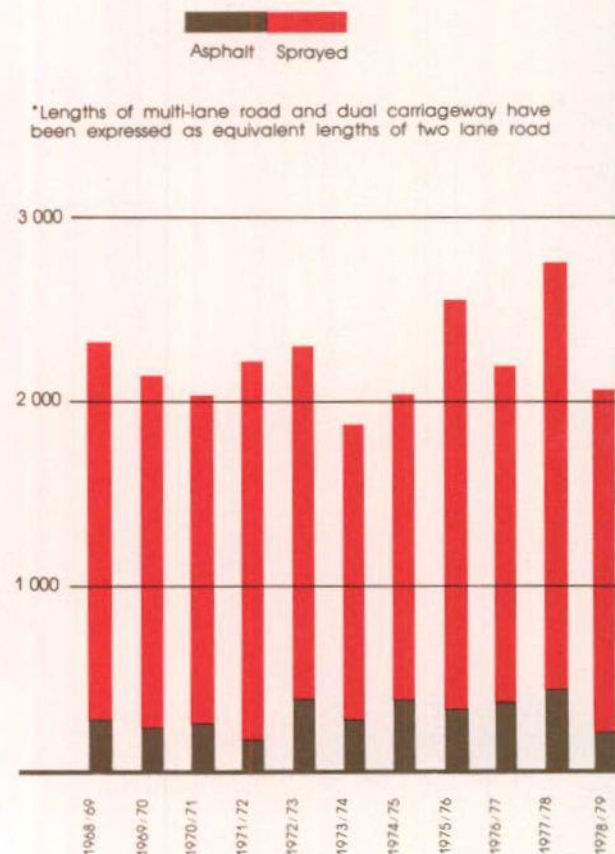
(b) to provide additional lanes or dual carriageway on 25 km (74 lane km), and

(c) to improve alignment and/or grading on 125 km (298 lane km).

4. Maintenance Resurfacing — of 1 726 km (3 622 lane km) of road pavement.

The lengths of bituminous surfacing carried out annually by the Department over the last 11 years is illustrated in the graph below.

Lengths of Road Bituminous Surfaced Annually* in kilometres



*Lengths of multi-lane road and dual carriageway have been expressed as equivalent lengths of two lane road

ELIMINATION OF RAILWAY LEVEL CROSSINGS

The policy of eliminating or improving railway level crossings on the State's main roads system was continued during the year.

Work was completed on eliminating the level crossing on State Highway No. 2 (Hume Highway), 3.4 km south of Tarcutta.

Construction of a new railway overbridge on a deviation of Main Road No. 253, which will replace the level crossing at Kelso, was commenced.

Reconstruction of the level crossing near the intersection of the Bruxner Highway and New England Highway, 9 km north of Tenterfield, was completed.

Reconstruction of the approaches to the level crossing on the Newell Highway north of Forbes was completed.

Improvement to the alignment of the level crossing at Coolac on the Hume Highway was completed.

Preliminary work has commenced to eliminate the level crossing at Tyagarah on the Pacific Highway, 38 km north of Ballina.

Minor adjustments were made to improve the alignment of the level crossing located 5.0 km north of Young on Main Road No. 239.

Widening of the level crossing on Main Road No. 268 at Tarago was commenced.

Type "F" flashing lights and warning bells were installed at three level crossings. These were on the Newell Highway between 0.51 and 1.11 km north of Forbes, Cobb Highway at 12.04 km north of the Murray River Bridge at Echuca, and Shirley Street at Byron Bay.

MATERIALS TESTING AND RESEARCH

Development continued on the statistical procedures for the assessment of materials characteristics. Computer programmes were also under development for the storage processing and presentation of test data with provision for future input direct from Divisions.

Monitoring of pavement strength by deflectographs continued throughout the year. This included assistance to the South Australian Highways Department on the Dukes Highway and to the Department of Housing and Construction in Canberra.

A programme monitoring seasonal variation of skid resistance was commenced in association with the Australian Road Research Board using the Department's SCRIM (Sideways-force Coefficient Routine Investigation Machine).

A field trial to assess lime stabilised black soil as pavement material was commenced on the Mitchell Highway south-east of Bourke.

Additional monitoring equipment was acquired for landslide investigation including SARN (sub-audible rock noise) apparatus and pneumatic piezometer.

A programme of laboratory creep testing of concrete was inaugurated to estimate long term deflections of the

new concrete bridges under construction at Maldon and Pheasants Nest.

Instruments were installed to measure strains and temperatures of the continuously reinforced concrete pavement of The Foreshore Road, Botany Bay.

MATERIALS AND RESEARCH LABORATORY

The Materials and Research Laboratory processed a total of 23,497 material samples during the year. This involved 74,404 individual tests as well as specialised services including pavement and vibration monitoring, geological and seismic surveys and equipment calibration.

Alterations to extend the laboratory into the former Metropolitan Division Office were completed and the tunnel and dark rooms for the photometer constructed.

With the acquisition of the SCRIM, the pavement friction measuring Mu-Meter became surplus and was sold.

Investigations continued on rubber/bituminous mixes, joint filler compounds, sulphur in bitumen and on laboratory methods for compaction of asphaltic concrete. Testing of zone sprayed steel, lead free paint primers and weld metal strength continued also.

A repeated load indirect tensile testing apparatus was installed to assist with the programme of pavement material selection.

Additional equipment comprising six and twenty-four channel seismograph and single and double station vibration monitors were supplied to assist in meeting the demands on the Geological Section.

Processing of pavement monitoring data by computer direct from the Laboratory commenced following the installation of a computer terminal; work began on developing additional programmes.

The desk top computer was fully utilised on reduction of test data and printing of test reports.

The initial draft of the Materials Testing Manual, Volume IV, which provides a comprehensive description of each item of laboratory equipment, its uses, maintenance and calibration was completed.

DIVISIONAL AND FIELD TESTING

The search for gravel deposits continued in most areas because of the difficulties in locating new reserves and the need to keep up with the construction requirements. Helicopter surveys have assisted in locating prior stream beds in the Western Areas which are potential sources of gravel, and over difficult terrain in the coastal and mountainous areas.

The increasing shortage of natural gravel has led to closer attention being given to the use of non-standard gravels, crushed rock and stabilisation.

There is a trend in some Divisions towards the use of crushed rock from quarry type operations to supply pavement materials.

Assistance in the training of Council staff was again provided at several laboratories. Control testing of Council works also formed an important part of laboratory work.

The volume of California Bearing Ratio testing is increasing particularly for areas subject to high rainfall or which are poorly drained.

During the year approximately 69,100 samples of road and bridge materials were processed at Divisional and Field Laboratories involving approximately 295,800 individual tests.

WEIGHT OF LOADS

The Department is concerned with the protection of roads and bridges from damage by overloaded vehicles and employs 57 Inspectors to enforce the load limits prescribed by Ordinance No. 30C of the Local Government Act, 1919.

During the year 52,312 vehicles were stopped for weight checks and of these 6,290 or 12.02% were found to be overloaded. This represented a decrease in the number and percentage of overloaded vehicles detected compared to preceding years, the cause being, no doubt, directly attributable to increased fines for overloading which were introduced in April 1978 and became effective in court cases heard after July 1978. However, the decrease in reported overloads applied mainly to the minor type of overloading offence and there was actually an increase in the number of massive overloads reported during the year. Remedial action is being considered to curb the incidence of massive overloading on New South Wales Main Roads.

Action taken during the year is summarised as follows:

	1978-79	1977-78
Vehicles stopped and weighed	52,312	52,968
Vehicles reported overloaded by Department of Main Roads	4,421	8,392
Vehicles reported overloaded by Department of Motor Transport	1,869	2,279
Vehicles overloaded by more than 10% and ordered to be off-loaded to the correct Ordinance limits	33	3
Drivers prosecuted for failing to obey a lawful direction	74	81
Prosecutions authorised	6,055	10,859
Number of cases listed for hearing at Court	6,878	12,099
Number of convictions recorded	6,216	11,534
Total penalties imposed	\$1,794,489	\$1,293,136
Average penalty imposed (including Court costs)	\$288.68	\$112.12
Number of maximum penalties imposed	11	81

MAJOR WEIGHBRIDGES

On 1 May 1979, the Department's new weighbridge at Mt. Boyce, on the Great Western Highway near Blackheath, was opened and has proved effective in controlling overloading of large vehicles operating on this route. Plans are well advanced for other major weighbridges on Main Road No. 184 at Bell and Main Road No. 503 near Colo. Following the opening of the weighbridges on Main Road No. 184 and Main Road No. 503, a network of major weighbridges will extend around most of the routes leading to and from Sydney making

the undetected passage of overloaded vehicles a difficult proposition.

FIELD OPERATIONS USING MOBILE PATROLS

It will always be necessary for the Department to operate mobile patrols to curtail overloading of vehicles at locations where it is not practicable or economically feasible to install major weighbridges.

The Department now has 124 portable electronic weighing devices which are being used to replace the older type mechanical loadometers used in the past. The new portable weighing devices have proved very effective and make accurate weighing of large multi-axled vehicles relatively easy. During 1979/80 the Department plans to fully replace the older type of portable weighing devices. Although superseded, they are still very accurate and are being made available to Councils at a reduced cost for use in enforcing load limits.

PERMITS

Permits for non-divisible loads are often issued under special restrictions when these loads exceed normal Ordinance limits and cannot be moved other than by road transport. During the year 5,146 individual trip permits were issued for the movement, on specially designed vehicles, of a total of 335 799 tonnes.

Restricted travel permits for overweight vehicles on prescribed routes within a 50 km radius of particular locations were issued in 1,655 cases compared to 1,249 in the previous year.

Changes to Ordinance No. 30C of the Local Government Act governing the maximum loads for vehicles, are included under Legislation.

PLANT AND MOTOR VEHICLES

New plant to the value of \$7.06 million and motor vehicles costing \$4.17 million were purchased during the year to replace existing items and to provide for some additional requirements.

In addition to the use of its own plant, the Department made extensive use of hired equipment.

To conserve fuel, more diesel engined trucks and more four-cylinder passenger vehicles were purchased.

More than 40% of sedan cars in the fleet have engines of two litres or less capacity.

Manufacture and Repairs at Central Workshop

Five centre articulated Linemarkers with hydrostatic transmission were manufactured during the year. Chasses of Departmental design were manufactured by contract and paint equipment and electronic spray gun control boxes were installed by the Department.

Manufacture of a truck mounted Pavement Testing Machine is in hand. This machine incorporates facilities for Benkelman Beam, Penetrometer, Soil Sampling and CBR Testing and for hydraulic pavement breaking and compaction.

Plant and motor vehicle repairs were carried out for some Metropolitan Offices together with a number of large plant repair jobs for Works Offices throughout the State.

The Workshop Service Exchange System continued to handle a wide range of exchange components for the Department's plant fleet. The total number of jobs completed in this section during the year was 1,788.

The workshop manufactured a small steel vehicular ferry having a safe load of 10 t to replace an old timber vessel on the Murray River at Speewa. The new vessel is based on four flotation tanks manufactured at Central Workshop, transported by road from Sydney to the site in sections and assembled in the river.

New engine driving units were installed in five vehicular ferries. These units have a specially designed cooling system which includes a heat exchanger attached to the side of the ferry and immersed in the river water.

Three large vehicular ferries were overhauled at the Mortlake Slipway and the overhaul of a further four ferries throughout the State was supervised by Central Workshop.

CENTRAL WORKSHOP

The Department's Central Workshop is situated at Granville and operates under the direct supervision of the Mechanical Section in Head Office.

A total of 11,418 jobs were completed by the Central Workshop during the year for a total value of approximately \$10.5 million.

The workshop's activities included property repairs, furniture manufacture, general building and carpentry work — 26%; manufacture of signs, sign structures and other traffic facilities — 12%; manufacture and repair of plant and overhaul of ferries — 22%; plumbing and electrical services to Metropolitan, Parramatta and Freeway Divisions and general transport services — 11%; structural steelwork and reinforcing steel for bridges — 11%; special projects and other miscellaneous work — 18%.

A summary of the manufacture and repair of plant and motor vehicles undertaken at the Central Workshop is given on page 40.

Building Work

Work continued on alterations to the Materials and Research Laboratory at Milsons Point.

Articulated linemarker on Elizabeth Drive, Kemps Creek.



Work was completed on the re-establishment of Campbelltown Works Office at Menangle.

Alterations and renovations were carried out to an existing factory and office at Rockdale to establish the new South Metropolitan Works Office.

The prefabricated office building at Wyong was extended and other prefabricated buildings provided.

Homebush Works Office was re-established and the office extended.

Prefabricated buildings were provided and a sub-depot established at Mays Hill.

A new amenities building was provided for the Public Transport Commission at Concord due to the original building being affected by roadworks.

Construction was commenced on a Laboratory Building for the Department of Navy at Kingswood to replace facilities affected by roadworks.

A warehouse was renovated in Drutt Street, Sydney to provide a Store, Garage and Surveyors Depot.

Other building work included exhibits for the Royal Easter Show and the Home Improvement Exhibition, renovation to Waterfall and Berowra Toll Facilities, miscellaneous alterations to buildings and/or fittings at offices throughout the Metropolitan area.

Renovations and maintenance were carried out on Departmental properties in the Sydney Metropolitan area, including tenanted houses acquired for future road construction. Inspections were carried out on country staff residences in ten Divisions in accordance with a continuing programme.

Manufacture of Signs and Other Traffic Facilities

During the year, the Central Workshop Sign Shop manufactured 15,307 direction, information and warning type road signs and 55,049 parking signs.

Medium sized modular sign structures of the single post type were manufactured for stock and special large sign support structures for large Freeway signs were designed and manufactured.

Movable medians are being manufactured to replace flexible traffic dividers on the northern and southern ends of the Ryde Bridge.

Construction of dual carriageways at Marrangaroo.



Street lights were installed by the Workshop at the Epping Road/Lane Cove Road interchange and on the Bondi Junction By-Pass.

Structural Steelwork

Steel girders and handrails totalling approximately 238 t were fabricated for a number of bridges.

Manufacture of a motorised painting gantry for Iron Cove Bridge was completed. This gantry has a telescopic deck to permit negotiation of the bridge piers and provide access to the underside of the cantilevered roadway on the western side of the bridge.

Six of a total of twelve open trough steel girders have been fabricated for the bridge to carry Windsor Road over the North Parramatta By-Pass at Northmead. These girders are 28.2 metres long and weigh 14.1 t each.

A 4 span steel girder bridge was manufactured and erected by Workshop staff to carry the water supply pipeline from Avon Dam over the South Western Freeway at Bargo.

Steel reinforcement weighing 1 384 t was cut and bent to shape for concrete bridges and culverts throughout the State.

Reinforcing steel cages were produced for use by the Benoto Pile Boring Organisation.

Miscellaneous Work

Eighty-nine bitumen sprayer tests were conducted on machines owned by Contractors, Councils and the Department for the purpose of issuing or renewing annual sprayer certificates.

Four auction sales were conducted to dispose of worn plant, trucks and miscellaneous items. These sales realised a total of \$1,843,738.00 including equipment sold on behalf of the Forestry Commission for \$69,210.00.

An automatic sprinkler system to suppress dust on sand stock-piles at the Central Asphalt Depot was designed.

FIELD WORKSHOPS

Field workshops throughout the State now number 41, following the establishment of a new workshop at Wyong.

Plant Inspectors carry out regular inspections of plant, vehicles and field repair facilities. They also assist field staff in newer and more specialised aspects of plant maintenance and repair.

ELECTRICAL

Street lighting designs were undertaken in the Mechanical Section for a number of interchanges on the Southern and South Western Freeways and on the North Parramatta By-Pass.

Two-way radio networks were established to serve the Works Office areas based at Ballina, South Grafton, Port Macquarie, Dubbo, Orange, Goulburn, Yass, Bega and Bomaderry.

The electronics workshop in the Mechanical Section designed and tested an automatic toll collection machine to the stage where production of the pilot model has commenced. A range of other electronic equipment was produced and maintained.

LANDSCAPING

Landscaping is an aspect of the Department's work which ensures that the natural environment of a project has either been restored or improved. It commences at the preliminary design stage and continues through to the ultimate planting of trees and shrubs.

The Department draws most of its stock from its Yennora Nursery and then plants the trees with its direct labour organisation. Sometimes trees were planted by contract, for example on the Warringah Freeway and on the Bondi Junction By-pass.

During the year the Department exhibited landscape displays in conjunction with the Royal Easter Show and the Home Improvement and Outdoor Living Exhibition at Yennora. The props of the southern toll booths of the Sydney Harbour Bridge were also landscaped twice during the year.

During the year the Department planted more than 11,000 trees and shrubs throughout the State, the most significant plantations being:

F1 Warringah Freeway	
Between Miller Street and Willoughby Road	600
F5 South Western Freeway	
The Cross Roads to Douglas Park	4,715
Hume Highway — State Highway No. 2	
Paddys River to Uringulla Creek	1,472
Great Western Highway — State Highway No. 5	
Approaches to bridge over River Lett	576
New England Highway — State Highway No. 9	
Branxton to Black Creek	418
Bondi Junction By-pass — Main Road No. 172	683
Epping Road — Main Road No. 373	
Delhi Road to Terrys Creek	448

LEGISLATION

The Statutes administered by the Minister for Roads through the Commissioner were not amended during the year under review.

Ordinance No. 30C of the Local Government Act governing the maximum loads for vehicles using main roads was amended by proclamation published in the Government Gazette of 25 May 1979.

The principal effect of the amendment is to increase to 38 tonnes the maximum gross load limit permitted for certain vehicles. The vehicles affected by the amendment are defined as "conforming vehicles". These vehicles are ones which comply generally with the specifications recommended in the report of the study team established by the National Association of Australian State Road Authorities to investigate the Economics of Road Vehicle Limits in Australia.

ADMINISTRATION AND INTERNAL SERVICES

EMPLOYMENT

At 30 June 1979 a total of 6,543 wages employees was engaged on the maintenance and construction of Main Roads directly by the Department. This compared with a total of 6,245 as at 30 June 1978.

In addition, there were 3,958 salaried officers employed by the Department at the end of June 1979. The number at the end of June 1978 was 3,959.

The total wages employees (including contractors employees and truck owner drivers) engaged by the Department and Councils was 12,458.

An analysis of the figures is set out below.

Departmental Staff and Direct Wages Employees —

Salaried Officers —

Male	3,209	
Female	<u>749</u>	3,958

Direct Wages Employees —

Male	6,448	
Female	<u>95</u>	<u>6,543</u> 10,501

Departmental Contracts —

Contractors' employees engaged on contracts under direct supervision by the Department (excluding haulage and other contracts)	229	
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Haulage Contracts —

Owner-Drivers	810	
Fleet Owners	149	

Other Contracts —

Minor	82	
Plant	<u>921</u>	2,191

Council Employees Engaged on Subsidised Roadworks

2,742

Council-owned and Contract Trucks Engaged on Subsidised Roadworks

982 5,915

GRAND TOTAL 16,416

WORK EXPERIENCE PROGRAMMES

During 1978/79 the Department was again involved in the implementation of the Work Experience Programmes for Secondary School students which have been conducted by various schools throughout the state.

Approximately 75 students, mainly in the country were provided with training for periods of up to one week and were given instruction in the duties performed by engineers, surveyors, draftsmen, tracers, foremen, testing operators and plant mechanics and carpenters. A limited extension was arranged in some Divisions to include work experience in the duties performed by clerical officers and typists.

INDUSTRIAL RELATIONS

Relations with union officials, employees and staff continue to be generally harmonious. The Department has not been involved in any major industrial disputes, although there has been some industrial action, local in nature, but dealt with and settled by the Conciliation Commissioners.

STAFF TRAINING

Continuing the Department's policy of providing training for staff at all levels, a variety of activities took place during the year. Courses and similar programmes conducted by the Department totalled 49, and were attended by 689 officers. Extensive use was also made of facilities offered by external educational institutions.

During the year 12 senior officers attended courses at the Australian Administrative Staff College and the Institute of Administration, University of New South Wales.

Sponsorship to full-time degree courses was provided to 22 staff undertaking studies in Civil and Electrical Engineering.

Assistance was also provided to 314 officers undertaking part-time studies in certificate, diploma and degree courses at various educational institutions.

APPRENTICES

Fifty-six apprentices were indentured during the year, bringing the total number employed, in 15 different craft trades, to 205. During the year the Department's apprentices won the Leading Apprentice in N.S.W. Award in the crafts of Bridge and Wharf Carpentry and Plant Mechanics. Other awards were won in the crafts of Carpentry and Joinery, Electrical Fitter/Mechanics, Plumbing and Gasfitting, Painting and Decorating and Plant Mechanics.

INDUCTION TRAINING

Induction of newly recruited staff continued throughout the year, with short formal courses held as necessary at Head Office. A one-day course was held in December for junior professional staff and was attended by 19 graduand engineers, surveyors and scientific officers.

TECHNICAL TRAINING

A variety of courses was conducted during the year for staff involved in the design, construction and maintenance of roads. Officers attending these courses included engineers, road design draftsmen, foremen and workshop supervisors. A feature of this training was a week-long residential course in road construction and maintenance techniques for engineers. Considerable emphasis was also given to traffic management and control systems.

Divisional training conferences and plant operator instruction also continued throughout the year.

TRAINING IN DEPARTMENTAL ADMINISTRATION AND PROCEDURES

Courses were held in this area for a number of staff categories during the year. Twenty-four engineers attended a residential course in works office administration and job management, while other courses were held for survey draftsmen, clerical officers and for staff engaged in administering the traffic facilities programme. Specialised seminars were also conducted to familiarise senior staff with computer technology.

Supervised study facilities were provided for officers preparing for clerical grade examinations.

PERSONAL SKILLS TRAINING

Courses in methods of instruction and correspondence preparation continued, and training in dictation techniques was introduced during the year.

A number of job instruction workshops were held in Divisional Offices to assist the training of field personnel. First aid training continued throughout the year and use was made of courses offered by the Public Service Board and other external organisations.

SUPERVISION AND MANAGEMENT TRAINING

Six supervisory training courses, each of one week's duration, were conducted during the year. One of these courses was for foremen and similar classifications, two were for field engineers, and the remaining three for staff of various designations. A total of 88 officers attended these courses.

In addition, the Department conducted two, week-long residential management courses. Each course was attended by 15 officers drawn from throughout the State. The courses are designed to provide an introduction to management concepts and to form a basis for more advanced management training.

As a company member of the Australian Institute of Management the Department also encourages staff to participate in a variety of management education activities.

OFFICE PREMISES AND HOUSING FOR STAFF

HEAD OFFICE

Alterations were carried out in various sections of Head Office so that new plant could be installed, security improved and partitioning rearranged for changing requirements.

Four floors of the Roden Cutler Building were leased to accommodate the Bridge and Road Design Sections.

The fitting out of the new Emergency Centre in Oxford Street is nearing completion and will be operative early in the 1979/80 financial year.

DIVISIONAL OFFICES

Preliminary drawings were commenced for the erection of a new main office at Wagga Wagga to replace the existing building.

A tender was accepted for extensions to the Broken Hill Divisional Office to provide a new drawing office.

Alterations are nearing completion at Milsons Point to accommodate the Central Testing Laboratory in space formerly occupied by the Metropolitan Division.

WORKS OFFICES

Alterations and additions to property acquired in West Botany Street, Rockdale to accommodate the South Metropolitan Works Office staff are nearing completion.

A new workshop was completed at Port Macquarie which incorporates increased sized openings and vertical clearances to accommodate larger vehicles.

The Works Office at Glen Innes was extended.

A tender for extensions to the Holbrook Works Office was accepted.

A new fuel and oil storage building was provided at Central Asphalt Depot together with a new bulk store.

Accommodation and amenities were provided at Yennora for Traffic Facilities Personnel.

A new office and garage building were erected at the North Metropolitan Works Office, Lane Cove.

An amenities building and existing store building were extended at the Waratah Works Office.

New buildings were also erected at Bellambi for Traffic Personnel.

SUB-DEPOTS

New buildings currently under construction at Howes Valley are nearing completion.

COMPUTER CONTROL CABINS

New buildings designed to house computers for the co-ordination of traffic signals in the Silverwater, Warwick Farm, Hornsby, Taren Point and Newcastle areas were completed.

TOLL OFFICES

Additional work was carried out at Berowra to improve security.

HOUSING FOR STAFF

During the year residential properties were purchased for staff housing at Broken Hill, Port Macquarie, Glen Innes, Deniliquin, Armidale, Bega, Newcastle, South Grafton and Goulburn. A total of \$584,600.00 was expended on staff housing during 1978/79.

Three other properties were acquired as replacements for older premises considered unsuitable while seven staff residences were disposed of, being surplus to the Department's requirements.

LOCAL CO-ORDINATORS

Again, as in previous years, the Public Service Board of New South Wales has appointed a number of country Divisional Engineers as Local Co-Ordinators — State Administration.

During the past year the Department's officers organised a number of varying activities, including sharing of office facilities between participating Governmental authorities. Production of a brochure indicating locations of Government Departments within the Local Co-Ordinators' jurisdiction was instigated, together with further involvement in the Youth Employment Training Programme in various areas throughout the State.

MANAGEMENT AND STRATEGY REVIEW

Following the issue in November 1977 of the interim report "Directions for Change" by the Review of New South Wales Government Administration, it was decided to assess in more detail the effectiveness and efficiency of statutory authorities. Three authorities, including the Department, were selected for further consideration. A brief to undertake a Management and Strategy Review of the Department was issued to W.D. Scott and Co Pty Ltd and this brief was directed particularly at:

- organisational development;
- development of corporate planning; and
- economic analysis and work priorities.

The consultants have reported formally on the Top Management Structure of the Department and on Focussing Responsibilities within the Engineer-in-Chief's Branch.

An outcome of consideration by the Department of the Top Management Structure Report was the establishment of the Policy and Economics Unit. The work of this Unit is reported on more fully under the heading "Policy and Economics".

During the year a working party of Departmental officers worked with the consultants. During the Management and Strategy Review 32 working papers were prepared which canvassed issues relating to organisational matters, corporate planning, identification of major issues and the setting of work priorities. This work was guided by a Steering Committee comprising representatives of the Review of New South Wales Government Administration, the Department and the consultants. Although the Management and Strategy Review will be concluded early in the 1979/80 year, the results of its work have provided the basis for, and will be brought to fruition through, the continuing development of the management process within the Department.

In addition to the Review of the Department, detailed responses were provided to the Review of New South Wales Government Administration on matters affecting the total Government Service in the areas of:

- the effects of the Public Service Act (1979), particularly in relation to management practices and efficiency audits; and
- the proposed Unified Crown Service.

NEW REVIEW TEAM

In November 1978, a Review Team was established to study organisational issues and problems within the Department with the dual aims of promoting efficiency and increasing the effectiveness of organisational units.

The Review Team consists of an Engineer and an Administrative Officer who report to a Steering Committee comprising the Engineer-in-Chief, the Secretary and the Chief Accountant.

Projects undertaken so far have been at Goulburn Divisional Office and the Mechanical Section, Head Office.

On each project the Review Team has been joined by a member from the unit under review. It is envisaged that on some projects a consultant will be engaged to join the Review Team.

Members of the Department's staff are encouraged to contribute their views on any aspect of the work under review.

PUBLIC RELATIONS

In its efforts to keep the public informed of the Department's activities and policies, the Public Relations Section involved itself in a wide range of activities including:

- the preparation and issue of regular statements to press, radio and television about new undertakings;
- the planning, printing and distribution of brochures and maps, including the Department's quarterly journal "Main Roads" and the Annual Report;
- the screening and loan of 16 mm movie films for community service organisations, schools and other interested groups;
- the maintenance of a photographic record of major Departmental projects and the supply of prints for sale;
- the design and presentation of displays at both city and country centres to keep the community aware of new works which are planned or in progress;
- the reporting to newspapers and other media of road blockages due to flooding, snowfalls, landslides, accidents or roadworks;
- the provision of guest speakers to address meetings of community service organisations, church groups, historical societies and other associations;
- and the provision of "guides" for visitors to the Model Room Display Area on the Third Floor, Head Office.

The 1978/79 year was again a busy one for the section.

During this period a total of 90 press releases were issued and films from the Department's collection were lent to various organisations on 234 occasions.

The Department's display at the 1979 Royal Easter Show focussed attention on reduced travel times which resulted from better road conditions. A great deal of interest was generated by models of the F4 — Western Freeway and the F5 — South Western Freeway which showed the Department's current construction

proposals. The display also drew attention to the size and population of Australia, particularly New South Wales compared with Europe, and demonstrated the vast expanse of country to be traversed by road and the distribution of the small population which needed and paid for these roads.

Exhibitions were also arranged during the year at Wollongong, Broken Hill, Newcastle, Tamworth, Dubbo, and the Home Improvement and Outdoor Living Exhibition at Yennora.

Special functions were arranged for the official opening to traffic of a number of new bridges. On 28 July 1978 the Premier, the Hon. N.K. Wran, Q.C., M.P. opened the new bridge over Lane Cove Road on Epping Road at North Ryde. The Hon. H.F. Jensen, M.P., Minister for Local Government and Minister for Roads opened the bridge over the Bredbo River at Bredbo on 24 March 1979 and the bridge over the Murrumbidgee River at Darlington Point on 27 April 1979. Another function was arranged on 27 April 1979 and the Hon. A.R.L. Gordon, Minister for Conservation and Minister for Water Resources officiated at the opening of the new bridge, Penfolds Bridge, over the main irrigation canal at Griffith.

During the year, a new edition of "Road Maps of New South Wales" was published by the Department together with other brochures concerning the F5 — South Western Freeway from The Cross Roads to Aylmerton, the Bondi Junction By-Pass, and the F3 — North Western Freeway over Darling Harbour.

LIBRARY SERVICE

The technical library service includes the Head Office Library and seventeen Branch Libraries in Divisional Offices located throughout the State and at the Materials and Research Laboratory at Milsons Point. During the year 3,659 books, pamphlets and standards were added to the library bringing the total number of items collected to 59,015. The periodicals to which the Department subscribes have been increased to 548 with the addition of 24 new titles during the year.

The Library circulated 16,590 new periodicals to the staff, lent 5,700 items from stock and issued four Library Bulletins during 1978/79.

TECHNICAL INSTRUCTIONS AND GRAPHIC SERVICES

The principal activities of the Standard Specifications and Technical Instructions Section are in connection with the review and amendment of Main Road Forms and Test Methods, and the preparation of Specifications in association with the technical sections concerned.

During the year, 70 individual Main Road Forms, Test Methods and Specifications were reviewed, amended or prepared.

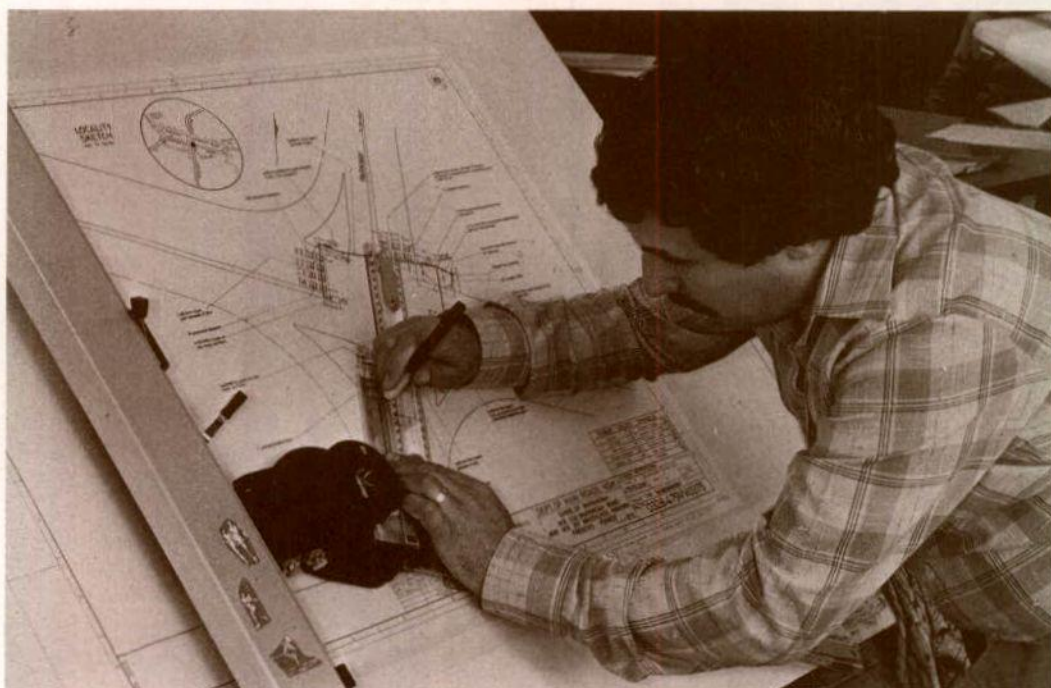
This Section oversees the graphic services work undertaken by two groups — the Plan Room and the Print Room. The Plan Room is responsible for the distribution and storage of plans, specifications and other technical publications, (including those from NAASRA). A microfilm section also operates as a subsidiary to the Plan Room.

The Print Room is responsible for the production of the bulk of the Department's printed matter; photographic reproduction; the distribution and control of copying, plan printing and duplicating machines; and more recently the supply of paper and other consumables for the photo-copying machines in the Department's Offices throughout the State.

Due to the increasing demand for printed matter and the storage of the finished product, it has become necessary to utilise warehouse space at Woolloomooloo and Chippendale.

The major items of output during the year were: printing — 8,833,865 sheets; duplicating — 4,416,995 sheets; plan printing — 92,312 sheets; photography (negatives and prints) (a) 35 mm — 28,495 frames, (b) other than 35 mm — 10,068 frames, (c) 35 mm microfilm aperture cards — 26,762.

A traffic engineering officer at work preparing electrical plans for the reconstruction of an intersection.





Construction of the bridge to carry the F5 — South Western Freeway over the Nepean River at Douglas Park.

RELATED ACTIVITIES

VISITORS FROM OVERSEAS

Dr. G.D. Love, Assoc. Admin. for Research and Development of Federal Highway Administration, United States of America, spent four days with the Department inspecting the Metropolitan and Wollongong Areas by helicopter and a full day inspection of the F5 — South Western Freeway. He also had discussions on various aspects of highway design, construction, maintenance materials research and traffic control systems.

Mr. K.W. Huddart, Assistant Chief Engineer, Traffic Operations, Greater London Council, spent two days with the Department discussing traffic signalling practices.

Professor A.D.J. Flowerdew, Professor of Management Science, University of Kent at Canterbury, United Kingdom, visited Sydney on 8 August 1978 accompanied by Dr. M. Wigan of the Australian Road Research Board. They attended a Conference to discuss various aspects of Urban Renewal, Development Planning, Transport Economics and Urban Transport.

Mr. U. Pe Aung, Ambassador of the Socialist Republic of the Union of Burma visited Head Office on 16 August 1978 accompanied by Mr. M. Than, the Second Secretary. They had discussions with the Mechanical Engineer, Asphalt Engineer and Field Inspecting Engineer on various matters concerning plant and equipment and road construction, and also inspected Central Workshop and Central Asphalt Depot. Also an inspection was made by Messrs. Pe Aung and Than, of the work carried out at a site on the Hume Highway north of Gundagai on 23 November 1978.

Thirty Asian visitors, attended a Pre-Australian Road Research Board's Conference Tour on 18 August 1978. The officers toured the Emergency Centre, Warringah Freeway, Pacific Highway, Epping Road and made a brief inspection of the North Western Freeway.

Approximately sixteen senior overseas Engineers attended the Post-Australian Road Research Board's Conference Tour from 28-31 August 1978. The Engineers inspected freeways and bridges in the Metropolitan and Illawarra Areas.

Mr. B. Rahman, Project Manager, Khulna-Mongla Project, Bangladesh, spent two days inspecting roadworks in the Inner and Outer Freeways Divisions.

Mr. W.L. Young, Minister of Works, New Zealand, spent one day on an inspection of Campbelltown, Macarthur Development Board Works, Gosford and Metropolitan Regions.

Messrs. C.B. Bailey and J.D. Heffernan, District Administrative Officers of the New Zealand Ministry of Works and Development, visited the Department on 24 October 1978 to discuss decentralisation and other aspects of administration within the Department.

Mr. R. Chotiutthayathanin, Senior Laboratory Supervisor from the Institute of Technology, Bangkok, Thailand spent one day inspecting the Milsons Point Laboratory.

Mr. G. Steele, Technical Aide to the Secretary of Department of Northern Territory Transport and Works, spent an afternoon inspecting the Emergency Centre and discussing traffic problems with the Traffic Engineer.

Mr. Frans Tanaro, a Colombo Plan Fellow from Indonesia, spent two months studying technical aspects of highway

and bridge engineering and observing the Department's training methods for technical staff.

Messrs. A. Djazulia, M. Ajisman and D.I. Abdullan, Colombo Plan Fellows from Indonesia spent three weeks, three months and one month respectively training in plant maintenance, structural drafting, design and drafting for road and bridge plans.

Miss Kanskar Sushila, a Colombo Plan Fellow from Nepal, spent one month involved in areas of planning in Head Office Sections.

Mr. Housam Safadi, Director of Planning, Municipality of Damascus spent five days in planning and design sections and discussing current construction methods of inner and near city freeways with on site Engineers.

Messrs. Haryono Wardi and Sukarioso, Senior Surveyors of the Directorate General of Water Resources Development, Department of Public Works, Indonesia, spent five days observing survey techniques on construction works and developments in photogrammetry.

Mr. Narong Rattana, Chief Civil Engineer on the Thai-Australian Improvement Project, Accelerated Rural Development Office, Ministry of Interior Thailand, spent five days visiting Head Office Sections, Materials and Research Laboratory and Parramatta Divisional Office to gain insight into the Department's management and administration of road construction.

Major Florencio Fianza, a Colombo Plan Fellow from the Philippines, spent three weeks training in traffic engineering in the Traffic Section.

Mr. Dablan Idris Abdullah, Federal Public Works Training Department of Indonesia spent two weeks with the Bridge Section, making inspections of bridge construction works and examining culvert designs.

In addition to the above, the Department received various visitors for one or two days.

MISSIONS ABROAD

The Deputy Commissioner for Main Roads, Mr. B.N. Loder, attended the Second Road Engineering Association of Asia and Australasia (REAAA) Conference in Manila, Philippines from 16 to 20 October 1978. Following the Conference, Mr. Loder spent a few days on a study tour inspecting works of interest in the Philippines. The REAAA, which has rapidly gained acceptance as an authoritative body on road engineering and traffic matters, encourages communication and expansion of technical knowledge among participating members.

Following an invitation from the Australian Road Research Board, the Department's Assistant Traffic Engineer, Mr. J.M. McKerral, attended the Indonesian Highways Training Course at Bandung from 5 to 19 January 1979, to present papers on Traffic Flow Characteristics and Roadway Capacity, Geometric Elements and Traffic Operations. The course, sponsored by the Road Engineering Association of Asia and Australasia (REAAA), provides comprehensive training in the road construction and traffic management fields for Engineers from this region. Mr. McKerral's trip was financed by the Australian Development Assistance Bureau.

New South Wales has come to be regarded as a world leader in the field of traffic control. The introduction in

1974, and subsequent success of the Sydney co-ordinated adaptive traffic system (SCAT), generated world-wide interest. As a result, the Department's Traffic Systems Manager, Mr. A.G. Sims, was invited to present a paper on the SCAT system at a Conference on "Research Directions in Computer Control of Urban Traffic Systems" at Pacific Grove, California. The Conference was held from 11 to 16 February 1979. Mr. Sims then spent four weeks visiting the users and manufacturers of traffic control systems throughout the United States of America and Canada as well as giving lectures on the SCAT system at several American Universities and Traffic Authorities.

Consulting Engineers, Messrs. Vallentine, Laurie and Davies, were awarded a commission to undertake a Highway Maintenance Equipment Project for the Government of Thailand. The Consultants approached the Department to obtain the services of a suitably qualified Accountant to help the project Accountant gain experience in procedures in a large public authority. The officer nominated, Mr. N. Hunziker, spent two weeks with the project Accountant in the Department's Head Office, followed by four weeks from 20 April 1979, assisting the Consultants in the project in Thailand. All costs associated with the visit were met by the Consultants.

NATIONAL ASSOCIATION OF AUSTRALIAN STATE ROAD AUTHORITIES

The National Association of Australian State Road Authorities, established in 1934, is an organisation of the central road Authorities in the six States, together with the Commonwealth Department of Housing and Construction and the Northern Territory Department of Transport and Works which are the road construction authorities for the Australian Capital Territory and Northern Territory, respectively.

The Department of Transport and Works was admitted as a Member Authority in May 1979, following the transfer to the Northern Territory Government of powers related to certain "State" type functions on 1 July 1978. The Association serves as a centre for pooling the technical and administrative experience of the Authorities.

Two meetings of the Association were held during the year and were attended by the heads of the Member Authorities. The annual meeting of the Association was held in the office of the Highways Department, Adelaide and the other meeting was hosted by the Country Roads Board, Melbourne. The Bureau of Transport Economics, the Commonwealth Department of Transport, and the Australian Road Research Board were represented by observers at those sessions which were of particular interest to them.

The Principal Technical Committee (comprising the chief engineering officers nominated by the Member Authorities) and the Secretarial and Accounts Committee each met during the year and were assisted by meetings of a number of Technical Committees dealing with specialist activities. Observers from the Commonwealth Department of Transport, the Bureau of Transport Economics and the Australian Road Research Board also attended a number of these meetings.

A report by the NAASRA ad hoc Environmental Committee was published during the year titled "Environmental Factors Within Project Evaluation — Review of Current Techniques". Other publications issued included "Guide

to the Activities, Publications and Standards of NAASRA", "Guide to Uniform Accounting Procedures and Financial Management Practices" and revised editions of "Guides for the Design of Driveway Entrances on Major Roads in Urban Areas", and the "Standard Lubricant Chart". Revised editions of "Australian Roads" and the "NAASRA Film Catalogue" were also issued during the year. NAASRA publications continue to attract wide interest both within Australia and overseas.

NAASRA studies continued into the operation of large combination vehicles (road trains) and the operation on roads of special vehicles, such as cranes. The study on Road Maintenance Standards, Costing and Management also continued and is expected to be completed by the end of 1979.

Establishment of a computerised NAASRA Data Bank System for road inventories was completed and following from it a planning model for project assessment and costing has been developed.

AUSTRALIAN ROAD RESEARCH BOARD

The Australian Road Research Board was founded in 1960 by the National Association of Australian State Road Authorities (NAASRA), who jointly with the Commonwealth Departments of Construction and Transport, continue to sponsor ARRB development as the national road research centre in Australia.

The Board operates as a non-profit public company (registered in Victoria in 1965) with its charter defined by its memorandum and articles of association as required by the relevant Companies Act.

Regularly guiding and reviewing the ARRB policy is a Board of Directors comprised of the executive heads of the sponsoring road authorities. The Board Directors also meet together as NAASRA. Whilst ARRB has no formal direct links with NAASRA, there are strong informal ones through common direction and an interlocking common link at the technical level.

All research is controlled from the Australian Road Research Centre at Vermont in Victoria but since its inception the Board has sponsored research conducted at universities and other centres.

Chairman for the year 1978-79 was Mr. A.K. Johnke, Commissioner of Highways, South Australia.

The Board is supported by a Steering Committee and advice from seven technical committees in Pavements and Road Structures, Bituminous Surfacing, Traffic Engineering, Human Factors, Transport Planning and Local Government.

The members of these committees are representative of current professional, commercial and educational thought within the community.

Complementing the research programme the ARRB information services serve to advance road engineering and science by publishing and disseminating papers and articles to appropriate organisations and to the scientists, engineers and associated specialists involved in the design, location, construction, upkeep and use of roads.

ARRB also conducts regional symposia and national conferences to encourage the exchange of information between road researchers and practising professionals in road-related areas.

Seminars and Conferences conducted during the year concerned pedestrians (jointly sponsored with the Commonwealth Department of Transport) in an attempt to highlight and perhaps solve some of the environmental and safety problems of the pedestrian. The invited guest speaker at this Conference was Dr. Alan Katz, Deputy Director of the Road Safety Centre, Israel.

This Conference was the fourth in an informal series which has previously concerned itself with level crossings, motor-cycle safety and fixed roadside hazards.

Workshops on Concrete Roads (in co-operation with the Cement and Concrete Association), Bus Network Planning, and Minimum Energy Culverts were held at the Australian Road Research Centre.

A Pavement Surface Drainage Symposium which was held in Sydney was opened by Mr. B.J. Sexton in his role as Commissioner for Main Roads and Deputy Chairman of ARRB.

Local Government involvement continued with the 16th Regional Symposium at Tamworth which covered bridge and highway design, maintenance, carriageway marking, speed control devices and local road and traffic management. Organisation and conduct of this Workshop was in association with the Department's North Western Divisional Engineer and Staff. The Symposium was opened by the Deputy Commissioner, Mr. B.N. Loder.

The 9th ARRB Biennial Conference which was conducted in Brisbane attracted over 1,000 registrants. Planning is underway for the 10th Conference to be held in Sydney from 24-29 August 1980.

Such conferences create an invaluable medium for personal exchange during the conference and a long lasting source of Australian and Overseas road reference material in the published proceedings. Many overseas experts have been attracted to Australia by the Board's Conferences including representatives from the Near East, members of the Road Engineering Association of Asia and Australasia (REAAA).

As a participant member of the OECD programme of co-operation in the field of road research, Australia through ARRB has access to reasoned and reliable data for policy makers and researchers, ready access to international trends and documentation in such broad fields of research and enquiry as: energy problems in urban and suburban transport; traffic safety in residential areas; and use of marginal quality aggregates for road construction purposes. A member of ARRB research staff is representing Australia in one of the Road Research Groups in this latter field.

The Executive Director of ARRB, Dr. M.G. Lay, in his role as alternate Australian delegate attended a meeting of the Road Research Programme Steering Committee formulating the programme for future research by OECD members.

ARRB has strong ties to REAAA being a foundation Vice President. The immediate past Chairman of ARRB and NAASRA, Mr. D.H. Aitken, Commissioner of Main Roads, Western Australia, was elected President of REAAA, the current Chairman of NAASRA, Mr. A.K. Johnke, Commissioner of Highways, South Australia, elected Chairman of the Public Relations Committee and the Deputy Director, Dr. J.B. Metcalfe, elected Chairman of the Technical Papers Committee at the Conference General Meeting in Kuala Lumpur in February 1979.

During the year this Department was admitted to Institutional Membership of REAAA.

Two of ARRB's staff together with nine other Australians including four from State Road Authorities, one of whom was the Department's Assistant Traffic Engineer, Mr. J.R. McKerral, were actively engaged as lecturers to a Training Course for Highway Engineers at the Indonesian Road Research Institute at the beginning of 1979.

Improvements to research documentation and retrieval has continued. The Australian Road Index (ARI) developed as a computer based index to Australian Roads and Road Transport literature, expanded by over 33½% in 1978 compared to 1977. Direct on-line access to International Road Research Documentation (IRRD) through AUSINET, The Australian computer-based information network, became possible during the year following purchase by this Department of a visual display terminal and by user membership of the System. This service had previously been available through ARRB itself or other local user terminals.

Through its Roadlit weekly service, ARRB Digest and Reports, ARRB has continued to provide current awareness information as well as broad ranging articles on road research and development aimed in the main at the decision-making professional.

ARRB technical services group served as Consultants and developers of mechanical and electronic aids to modernise road engineering techniques and processes.

One such development which was completed during the year was with the microprocessor data logger. A cassette module for data input in the field and output to the CYBER Computing System has been completed which provides the servicing for a number of projects and activities.

ARMY SUPPLEMENTARY RESERVE UNIT

The Department continued its sponsorship of 21 Construction Regiment RAE (SR) with the other co-sponsors, the Public Works Department, New South Wales and the Metropolitan Water, Sewerage and Drainage Board.

The highlight of the year's activities was the annual camp which was held at Gan Gan in two fortnightly phases from 3 March to 6 April 1979. The training involved movement by air from Sydney, watermanship including equipment rafts and ferries, field machines and infantry minor tactics. Activities were inspected by the General Officer Commanding 2 DIV Field Force Group, civilian representatives from sponsor authorities and from other engineering oriented government instrumentalities.

In addition to annual camp the Regiment conducted NCO promotion coaching courses for selected personnel and also provided a specialist training team for training other units in basic military engineering. Some members of the unit were posted to the Officer Command and Training Unit for training as officers.

Sponsorship of the Regiment contributes to Australia's defence capability and in December 1978 the Commissioner was presented with a Certificate of Appreciation in recognition of the active support which the Department gives to the Defence Force Reserve. Departmental employees who serve in the army reserve benefit from the development of engineering and management skills with overall benefit to Departmental operations and morale.



ROAD CLASSIFICATIONS AND DISTANCES

The total length of Freeways, State Highways, Trunk Roads, Main Roads, Secondary Roads, Tourist Roads, Developmental Roads and Unclassified Roads for which the Commissioner for Main Roads is responsible is 42 786 km.

The length of roads within the various classifications as at 30 June 1979 were:

Freeways	131 km
State Highways	10 464 km
Trunk Roads	7 097 km
Main Roads	18 300 km
Secondary Roads	285 km
Tourist Roads	438 km
Developmental Roads	3 461 km
Unclassified Roads	2 533 km
(in the unincorporated area of the Western Division)	
Unclassified Roads	77 km
(in the incorporated area of New South Wales)	
Total	42 786 km

The lengths of the various types of surfaces of Main Roads throughout the State as at 30 June 1979 were:

Natural Surface	1 001 km
Formed only	6 394 km
Gravel	10 193 km
Primed only	15 km
Primer Seal	224 km
Sprayed Seal	22 022 km
Enrichment Reseal	518 km
Slurry Seal	14 km
Bituminous Plant Mix	2 262 km
Cement Concrete	143 km
Total	42 786 km

Acknowledgements

In concluding this report of the activities of the Department of Main Roads for the financial year ended 30 June 1979, I desire to extend thanks to the Hon. P.F. Cox, M.P., Minister for Transport and the Hon. H.F. Jensen, M.P., Minister for Local Government and Minister for Roads, for their continued consideration and support.

I wish to thank all Municipal and Shire Councils throughout the State for their co-operation and assistance. I desire also to place on record appreciation for the co-operation and assistance of State instrumentalities and of Government Departments, the Executive Committees of the Local Government and Shires Associations and the Road Authorities of other States.

For their assistance in publicising the work being carried out by Councils and by the Department in improving the Main Roads of the State, I again thank the press, broadcasting and television organisations and other media throughout the State.

In conclusion, I desire to express appreciation of the loyalty and able assistance which has been given so willingly by officers and employees of the Department in the building of the State's Main Roads System, its improvement and maintenance in the service of the motoring public.

B.J. Sexton
Commissioner for Main Roads

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THE COMMISSIONER FOR MAIN ROADS, NEW SOUTH WALES
ANNUAL REPORT 1978-1979
FINANCIAL APPENDICES

FINANCIAL APPENDICES TO THE FIFTY-FOURTH ANNUAL REPORT
OF THE COMMISSIONER FOR MAIN ROADS
FOR THE YEAR ENDED 30th JUNE 1979

CONTENTS

1.00	Statement of Receipts and Payments for the Five Years ended 30th June 1979
1.01	County of Cumberland Main Roads Fund — Receipts
1.02	County of Cumberland Main Roads Fund — Payments
1.03	Country Main Roads Fund — Receipts
1.04	Country Main Roads Fund — Payments
1.05	Commonwealth Fund — Receipts and Payments
1.06	Traffic Facilities Fund — Receipts and Payments
1.07	Sydney Harbour Bridge Account — Receipts and Payments
1.08	All Funds and Accounts — Receipts
1.09	All Funds and Accounts — Payments
2.00	Statement of Receipts and Payments for the Five Years ended 30th June 1979 — Tollworks
3.00	Summary of Loan Liabilities as at 30th June 1979
4.00	Semi-Government Loans — Schedule of Maturities as at 30th June 1979
5.0000	Summary of Payments on the State Roads System from Commonwealth, State and Loan Funds — Construction
5.0001	Freeways
5.0006	State Highways
5.0042	Trunk Roads
5.0056	Main Roads
5.0101	Other Roads
5.0111	Summary of Expenditure — Construction
5.0112	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
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
7.0003	State Highways
7.0015	Trunk and Ordinary Main Roads
7.0023	Secondary Roads
7.0025	Tourist Roads
7.0028	Other Roads
7.0032	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 and State Highways
8.1.0010	— Trunk Roads
8.1.0013	— Main Roads
8.1.0025	— 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
8.4.0009	Summary of Expenditure — Traffic Signals and Other Facilities
9.00	Distances of Freeways, State Highways, Trunk Roads, Ordinary Main Roads, Secondary Roads, Tourist Roads, and Developmental Roads in New South Wales for the five years ended 30th June 1979.
10.00	Distribution between the Department and Councils of responsibility for care and control of roads at 30th June 1979 in accordance with the Provisions of the Main Roads Act, 1924.

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979

APPENDIX 1.01

COUNTY OF CUMBERLAND MAIN ROADS FUND

R E C E I P T S	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor Vehicle Registration Weight Tax and Tax Levy	23,803,997	24,830,204	29,645,607	34,288,739	35,422,659
Charges on Heavy Commercial Vehicles for Maintenance of Roads	4,153,898	4,053,555	3,961,932	3,804,513	3,915,605
Loans - from State General Loan Account	2,000,000		1,000,000	6,000,000	10,400,000
- raised by the Commissioner under Semi-Government Loan Allocation	7,931,513	5,000,000	6,290,000	4,010,000	10,000,000
Loan from State Treasury				7,000,000	
Grant for Relief of Unemployment	226,046	146,270		2,860,000	122,217 Cr
Road Tolls (Net of Collection Costs)	3,803,864	5,087,737	5,255,100	5,516,585	5,628,333
Interest - On Sinking Fund Investments	633,642	579,774	668,309	1,077,995	1,504,854
- On Treasury Fund Balances	198,318	221,020	195,605	473,913	406,932
Contribution for Specified Works					
- from Other Departments	52,969	132,544	80,951	1,896,005	3,003,114
- from Other Sources					14,861
Contributions by Councils for works carried out in conjunction with works on Main Roads	318,245	674,269	745,267	160,727	305,597
Rents from Properties Acquired for Works	739,226	1,000,000	700,000	2,500,000	2,011,449
Levy on Councils under Section 11 of the Main Roads Act, 1924	155,903	104,468	56,559	59,324	8,053
Miscellaneous	273,129	54,964	78,832	111,150	316,342
<u>Commonwealth Grants</u>					
- Arterial Roads - Urban					30,694,000
Total Receipts	44,290,750	41,884,805	48,678,162	69,758,951	103,509,582
Cash at Treasury as at 1 July	13,637,847	19,075,218	15,766,101	15,656,754	10,776,083
Total Funds Available	57,928,597	60,960,023	64,444,263	85,415,705	114,285,665

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979

APPENDIX 1.02

COUNTY OF CUMBERLAND MAIN ROADS FUND

P A Y M E N T S

	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	14,015,032	13,940,757	16,046,210	30,195,674	56,155,529
- Property Acquisitions	4,059,978	4,359,405	4,341,084	3,264,617	12,847,588
- Maintenance and Minor Improvements	10,052,334	14,317,479	15,941,814	18,720,371	19,145,260
- Natural Disasters - Restoration Works					172,114
Land and Buildings					
- For Works Operations	334,848	481,541	223,655	1,752,081	1,053,214
- For Administration	227,944	277,688	228,981	576,090	7,291 Cr
General Administrative Expenses	2,958,119	3,494,650	2,407,265	2,371,374	4,100,592
Planning and Research	393,446	229,718	425,457	664,630	1,073,454
Debt Charges					
- Repayable Treasury Advance - Interest	16,585	11,363	5,840		494,013
- General Loan Account - Interest and Management Expenses	1,932,110	2,331,213	2,521,140	2,781,690	3,674,900
- Loans raised by the Commissioner - Interest and Management Expenses	1,105,671	3,135,184	3,793,425	4,502,639	4,758,373
Sub-Total	35,096,067	42,578,998	45,934,871	64,829,166	103,467,746
Net Transactions of Operating and Suspense Accounts and inter-fund Transfers	2,115,645	221,967	1,816,707 Cr	4,633,135	613,548 Cr
Sub-Total	37,211,712	42,800,965	44,118,164	69,462,301	102,854,198
Capital Debt Repayments					
- Repayable Treasury Advances - Principal	90,825	96,047	101,570		
- General Loan Account - Sinking Fund	137,280	161,628	654,770	400,500	552,800
- Loans raised by the Commissioner - Principal	233,562	635,282	738,005	968,821	1,117,153
- Investments for Loan Repayments	1,180,000	1,500,000	3,175,000	3,808,000	3,590,800
Total Payments	38,853,379	45,193,922	48,787,509	74,639,622	108,114,951
Cash at Treasury as at 30 June	19,075,218	15,766,101	15,656,754	10,776,083	6,170,714
	57,928,597	60,960,023	64,444,263	85,415,705	114,285,665

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979

APPENDIX 1.03

COUNTRY MAIN ROADS FUND

R E C E I P T S	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor Vehicle Registration Weight Tax and Tax Levy	59,702,711	61,124,099	73,107,313	84,766,150	88,273,098
Charges on Heavy Commercial Vehicles for Maintenance of Roads	16,615,594	16,214,221	15,847,729	15,218,052	15,662,414
Loans - from State General Loan Account	-	7,250,000	7,000,000	3,000,000	3,000,000
- raised by the Commissioner under Semi-Government Loan Allocation	68,487	3,000,000	7,700,000	6,000,000	28,000,000
Loan from State Treasury		6,000,000			
Grant for Relief of Unemployment	285,520	202,409	100,000	7,820,000	122,217
Interest - On Sinking Fund Investments	211,988	212,758	248,676	331,618	473,177
- On Treasury Fund Balances	397,979	385,274	336,216	890,977	1,067,375
Contributions for Specified Works					
- from Other Departments	613,990	986,710	1,133,094	865,936	1,256,578
- from Other Sources					
Contributions by Councils for works carried out in conjunction with works on Main Roads	117,490	456,707	153,125	401,130	365,168
Rents from Properties Acquired for Works	-		200,000		430,848
Natural Disasters - State/Commonwealth Grant for Restoration Works	8,267,000	13,223,400	11,806,380	8,725,600	5,438,293
Miscellaneous	46,942	67,698	60,055	140,622	1,193,151
<u>Commonwealth Grants</u>					
- Arterial Roads - Rural					19,251,000
Total Receipts	86,327,701	109,123,276	117,692,588	128,160,085	164,533,319
Cash at Treasury as at 1 July	25,289,658	24,039,359	23,245,981	30,810,514	18,114,279
Total Funds Available	111,617,359	133,162,635	140,938,569	158,970,599	182,647,598

COUNTRY MAIN ROADS FUND

PAYMENTS	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	30,487,373	43,742,077	33,087,873	48,762,199	71,751,456
- Property Acquisitions	2,568,141	2,034,533	2,156,537	2,064,503	3,097,975
- Maintenance and Minor Improvements	34,034,261	39,603,697	48,580,093	57,936,011	59,238,465
- Natural Disasters - Restoration Works	5,403,567	7,962,557	6,065,562	4,478,586	2,464,857
Local Roads					
- Construction and Reconstruction	-	-	485,248	75,125 Cr	432,710
- Natural Disasters - Restoration Works (a)	1,623,874	5,219,186	5,894,453	4,615,145	3,306,871
- Maintenance Kosciusko National Park Roads (a)	531,985	548,167	613,268	648,076	617,235
Land and Buildings'					
- For Works Operations	440,306	451,009	383,695	833,141	584,875
- For Administration	324,619	853,576	371,004	221,620	38,997
General Administrative Expenses	5,922,760	6,087,460	8,122,159	6,944,215	5,931,219
Planning and Research	607,883	357,718	647,720	1,044,280	1,562,809
Debt Charges					
- Loans from State Treasury - Interest				1,026,555	567,686
- General Loan Account - Interest and Management Expenses	971,626	1,305,457	1,811,387	2,212,638	2,473,117
- Loans raised under Section 42A of the Main Roads Act, 1924					
- Interest	1,118,692	1,311,638	1,824,940	2,549,763	3,638,481
Sub-Total	84,035,087	109,477,075	110,043,939	133,261,607	155,706,753
Capital Debt Repayments					
- Repayable Treasury Advances - Principal					
- General Loan Account - Sinking Fund	201,524	215,263	180,553	291,172	354,183
- Loans raised under Section 42A of the Main Roads Act, 1924					
- Principal	212,799	307,050	517,144	719,291	768,038
- Investments for Loan Repayments	280,000	370,000	600,000	701,400	1,256,500
Sub-Total	84,729,410	110,369,388	111,341,636	134,973,470	158,085,474
Net Transactions of Operating and Suspense Accounts and Inter Fund Transfers	2,848,590	452,734 Cr	1,213,581 Cr	5,882,850	4,511,677
Total Payments	87,578,000	109,916,654	110,128,055	140,856,320	162,597,151
Cash at Treasury as at 30th June	24,039,359	23,245,981	30,810,514	18,114,279	20,050,447
	111,617,359	133,162,635	140,938,569	158,970,599	182,647,598

(a) including Engineering and General Administration

COMMONWEALTH FUND

R E C E I P T S

Commonwealth Grants

	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
- National Roads	35,200,000	49,200,000	56,733,883(a)	71,432,978(a)	74,185,000(a)
- Arterial Roads - Urban	46,590,000	44,260,000	36,600,000	28,700,000	(b)
- Rural	12,190,000	15,430,000	15,430,000	18,000,000	(c)
- Local Roads - Urban	2,180,000	3,879,999	4,600,000	7,400,000	7,914,000
- Rural	11,145,000	16,638,856	18,170,000	25,800,000	27,592,000
- Minor Traffic Engineering and Road Safety Improvements	249,998	2,932,002	(d)	(d)	(d)
- Planning and Research	1,240,843	1,597,079	1,761,326	1,725,932	1,200,741
Total Receipts	108,795,841	133,937,936	133,295,209	153,058,910	110,891,741
Cash at Treasury as at 1st July	3,523,820	3,029,846	6,164,533	923,398	1,468,196
Total Funds Available	112,319,661	136,967,782	139,459,742	153,982,308	112,359,937
(a) Grant for National Roads included in Appendix 1.06			654,803	978,336	1,320,000
(b) Grant for Urban Arterial Roads included in Appendix 1.01					30,694,000
(c) Grant for Rural Arterial Roads included in Appendix 1.03					19,251,000
(d) Grant for M.I.T.E.R.S. included in Appendix 1.06			3,391,778	3,528,051	3,529,000

P A Y M E N T S

State Road System

- Construction and Reconstruction	72,452,678	84,988,602	90,809,024	93,405,078	60,895,358
- Property Acquisition	14,958,114	11,385,839	9,811,895	11,494,995	1,792,158
- Maintenance and Minor Improvements	6,990,385	7,026,856	8,040,381	6,948,170	8,644,215
Local Roads					
- Construction and Maintenance	9,915,798	21,332,098	21,780,891	34,065,615	35,788,973
Land and Buildings					
- For Works Operations	23,560	160,813	208,400	507 Cr	
General Administrative Expenses	3,975,062	4,269,746	4,640,887	4,821,328	3,224,469
Planning and Research	974,218	1,639,295	2,084,456	1,779,433	1,068,522

Sub-Total

Net Transactions of Operating and Suspense Accounts and Inter Fund Transfers

Total Payments	109,289,815	130,803,249	137,375,934	152,514,112	111,413,695
Cash at Treasury as at 30th June	3,029,846	6,164,533	923,398	1,468,196	946,242
	112,319,661	136,967,782	139,459,742	153,982,308	112,359,937

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979

APPENDIX 1.06

TRAFFIC FACILITIES FUND

R E C E I P T S

State Sources

	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
Motor Vehicle Registration Weight Tax and Tax Levy			3,345,600	3,820,000	6,500,000
Motor Vehicle Registration fee - allocation from the Road Transport and Traffic Fund			7,229,609	13,618,078	14,544,595
Ministry of Transport Vote			2,500,000	2,500,000	2,500,000
Road Tolls (Net of Collection Costs)			1,214,997	1,393,557	1,632,102
Contributions for Specified Works					
- from Other Departments					
- from Other Sources				408,188	279,017

Commonwealth Grants

- National Roads			654,803	978,336	1,320,000
- Minor Traffic Engineering and Road Safety Improvements			3,391,778	3,528,051	3,529,000
- Planning and Research			24,168	150	
Total Receipts			18,360,955	26,246,360	30,304,714
Cash at Treasury as at 1st July					
Total Funds Available			18,360,955	26,246,360	30,304,714

P A Y M E N T S

Traffic Signals, Signs and Road Markings - All Roads					
- Construction and Reconstruction			6,174,086	7,724,764	8,043,827
- Maintenance and Operations			11,984,140	16,378,141	19,500,467
Land and Buildings -					
- For Works Operations			200,916	323,746	493,856
General Administrative Expenses			1,125,972	1,519,559	1,630,262
Planning and Research			36,251	150	
Sub-Total			19,521,365	25,946,360	29,668,412
Net Transactions of Operating and Suspense Accounts and Inter Fund Transfers			1,160,410Cr.	300,000	636,302
Total Payments			18,360,955	26,246,360	30,304,714
Cash at Treasury as at 30 June					
			18,360,955	26,246,360	30,304,714

SYDNEY HARBOUR BRIDGE ACCOUNT

R E C E I P T S

State

Gross Tolls

Less Collection Costs

Road Tolls (Net) (a)

Contribution from P.T.C.

Interest - On Sinking Fund Investments

- On Treasury Fund Balances

Other

Rents from Properties Acquired for Works

Miscellaneous

Total Receipts

Cash at Treasury as at 1st July

Total Funds Available

P A Y M E N T S

State Road System

- Maintenance and Minor Improvements (b)

General Administrative Expenses

Debt Charges

- General Loan Account - Interest and Management Expenses

- Loans raised under Section 42A of the Main Roads Act, 1924
- Interest

Sub-Total

Net Transactions of Operating and Suspense Accounts and Inter-Fund Transfers

Sub-Total

Capital Debt Repayments

- General Loan Account - Sinking Fund

- Loans raised under Section 42A of the Main Roads Act, 1924
- Principal
- Investments for Loan Repayments

Total Payments

Cash at Treasury as at 30th June

(a) Excludes tolls transferred to Traffic Facilities Fund.

(b) Includes Traffic Facilities operations.

1974/75	1975/76	1976/77	1977/78	1978/79
\$	\$	\$	\$	\$
4,996,811	5,111,422	4,175,018	4,322,070	4,133,204
844,753	1,052,098	1,184,316	1,246,320	1,352,218
4,152,058	4,059,324	2,990,702	3,075,750	2,780,986
334,836	321,450	351,975	355,763	294,000
154,111	210,591	261,686	325,865	409,018
		270,000	285,000	285,000
242,004	313,218	200,754	264,378	274,756
-		40	96	
4,883,009	4,904,583	4,075,157	4,306,852	4,043,760
5,279,445	3,736,946	3,988,255	3,975,263	4,368,288
10,162,454	8,641,529	8,063,412	8,282,115	8,412,048
1,970,722	2,246,779	1,633,851	1,655,146	1,637,533
244,183	195,558	215,202	298,357	175,464
744,420	694,950	720,800	763,000	775,000
466,963	446,768	497,243	516,526	519,950
3,426,288	3,584,055	3,067,096	3,233,029	3,107,947
71,961Cr.	6,710	354,230		
3,354,327	3,590,765	3,421,326	3,233,029	3,107,947
2,434,590	522,690			
165,291	111,819	116,823	106,298	108,294
471,300	428,000	550,000	574,500	650,500
6,425,508	4,653,274	4,088,149	3,913,827	3,866,741
3,736,946	3,988,255	3,975,263	4,368,288	4,545,307
10,162,454	8,641,529	8,063,412	8,282,115	8,412,048
-	-	959,206	1,071,520	1,326,310
593,398	612,582	-	-	-

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979

APPENDIX 1.08

ALL FUNDS AND ACCOUNTS

R E C E I P T S	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
<u>State Sources</u>					
Motor Vehicle Registration Weight Tax and Tax Levy	83,506,708	85,954,303	106,098,520	122,874,889	130,195,757
Charges on Heavy Commercial Vehicles for Maintenance of Roads	20,769,492	20,267,776	19,809,661	19,022,565	19,578,019
Motor Vehicle Registration fee - allocation from the Road Transport and Traffic Fund			7,229,609	13,618,078	14,544,595
Loans - from State General Loan Account	2,000,000	7,250,000	8,000,000	9,000,000	13,400,000
- from State Treasury	-	6,000,000		7,000,000	
- raised by the Commissioner under Semi-Government Loan Allocation	8,000,000	8,000,000	13,990,000	10,010,000	38,000,000
Grant for Relief of Unemployment	511,566	348,679	100,000	10,680,000	
Road Tolls (Net of Collection Costs)	7,955,922	9,147,061	9,460,799	9,985,892	10,041,421
Interest - On Sinking Fund Investments	999,741	1,003,123	1,178,671	1,735,478	2,387,049
- On Treasury Fund Balances	596,297	606,294	801,821	1,649,890	1,759,307
Contributions for Specified Works					
- from Other Departments	1,001,795	1,440,704	4,066,020	5,617,704	7,053,692
- from Other Sources	-	-	-	408,188	293,878
Contributions by Councils for works carried out in conjunction with works on Main Roads	591,638	1,130,976	898,392	561,857	670,765
Rents from Properties Acquired for Works	981,230	1,313,218	1,100,754	2,764,378	2,717,053
Natural Disasters - State/Commonwealth Grant for Restoration Works	8,267,000	13,223,400	11,806,380	8,725,600	5,438,293
Miscellaneous	320,071	227,130	195,486	311,192	1,517,546
<u>Commonwealth Grants</u>					
- National Roads	35,200,000	49,200,000	57,388,686	72,411,314	75,505,000
- Arterial Roads - Urban	46,590,000	44,260,000	36,600,000	28,700,000	30,694,000
- Rural	12,190,000	15,430,000	15,430,000	18,000,000	19,251,000
- Local Roads - Urban	2,180,000	3,879,999	4,600,000	7,400,000	7,914,000
- Rural	11,145,000	16,638,856	18,170,000	25,800,000	27,592,000
- Minor Traffic Engineering and Road Safety Improvements	249,998	2,932,002	3,391,778	3,528,051	3,529,000
- Planning and Research	1,240,843	1,597,079	1,785,494	1,726,082	1,200,741
Total Receipts	244,297,301	289,850,600	322,102,071	381,531,158	413,283,116
Cash at Treasury as at 1 July	47,730,770	49,881,369	49,164,870	51,365,929	34,726,846
Total Funds Available	292,028,071	339,731,969	371,266,941	432,897,087	448,009,962

ALL FUNDS AND ACCOUNTS

P A Y M E N T S	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
State Road System					
- Construction and Reconstruction	116,955,083	142,671,436	139,943,107	172,362,951	188,802,343
- Property Acquisitions	21,586,233	17,779,777	16,309,516	16,824,115	17,737,721
- Maintenance and Minor Improvements	53,047,702	63,194,811	74,196,139	85,259,698	88,665,473
- Natural Disasters - Restoration Works	5,403,567	7,962,557	6,065,562	4,478,586	2,636,971
Local Roads					
- Construction and Maintenance	9,915,798	21,332,098	22,266,139	33,990,490	36,221,683
- Natural Disasters - Restoration Works (a)	1,623,874	5,219,186	5,894,453	4,615,145	3,306,871
- Maintenance Kosciusko National Park Roads (a)	531,985	548,167	613,268	648,076	617,235
Traffic Signals, Signs and Road Markings - All Roads					
- Construction and Reconstruction			6,174,086	7,724,764	8,043,827
- Maintenance and Operations			11,984,140	16,378,141	19,500,467
Land and Buildings -					
- For Works Operations	798,714	1,093,363	1,016,666	2,908,461	2,131,945
- For Administration	552,563	1,131,264	599,985	797,710	31,706
General Administrative Expenses	13,100,124	14,047,414	16,511,485	15,954,833	15,062,006
Planning and Research	1,975,547	2,226,731	3,193,884	3,488,493	3,704,785
Debt Charges					
- Repayable Treasury Advances - Interest	16,585	11,363	5,840	1,026,555	1,061,699
- General Loan Account - Interest and Management Expenses	3,648,156	4,331,620	5,053,327	5,757,328	6,923,017
- Loans raised by the Commissioner - Interest and Management Expenses	2,691,326	4,893,590	6,115,608	7,568,928	8,916,804
Sub-Total	231,847,257	286,443,377	315,943,205	379,784,274	403,364,553
Net Transactions of Operating and Suspense Accounts and Inter-Fund Transfers	4,892,274	224,057 Cr.	2,676,058 Cr.	10,815,985	4,534,431
Sub-Total	236,739,531	286,219,320	313,267,147	390,600,259	407,898,984
Capital Debt Repayments					
- Repayable Treasury Advances - Principal	90,825	96,047	101,570	-	-
- General Loan Account - Sinking Fund	2,773,394	899,581	835,323	691,672	906,983
- Loans raised by the Commissioner - Principal	611,652	1,054,151	1,371,972	1,794,410	1,993,485
- Investments for Loan Repayments	1,931,300	2,298,000	4,325,000	5,083,900	5,497,800
Total Payments	242,146,702	290,567,099	319,901,012	398,170,241	416,297,252
Cash at Treasury as at 30th June	49,881,369	49,164,870	51,365,929	34,726,846	31,712,710
	292,028,071	339,731,969	371,266,941	432,897,087	448,009,962

(a) Includes Engineering and General Administration

STATEMENT OF RECEIPTS AND PAYMENTS FOR THE FIVE YEARS ENDED 30TH JUNE, 1979 - TOLLWORKS

APPENDIX 2.00

(NOTE: THESE AMOUNTS ARE INCLUDED IN THOSE SHOWN IN APPENDIX NO. 1 - COUNTY OF CUMBERLAND FUND AND TRAFFIC FACILITIES FUND)

Berowra to Calga TollworkReceipts

	1974/75	1975/76	1976/77	1977/78	1978/79
	\$	\$	\$	\$	\$
Gross Tolls	4,235,428	4,863,070	5,179,603	5,533,322	5,716,805
Less Collection Costs	420,281	559,305	532,010	620,916	735,658
Net Tolls	3,815,147	4,303,765	4,647,593	4,912,406	4,981,147
Interest on Sinking Fund Investments	116,810	121,465	178,253	418,754	626,651
Total Receipts	3,931,957	4,425,230	4,825,846	5,331,160	5,607,798

Payments

Tollway Lighting			40,787	28,122	43,191
Traffic Facilities			119,593	123,000	145,461
General Administration	51,936	56,469	55,160	56,920	64,022
Debt Charges:- General Loan Account - Interest and Management Expenses	1,712,460	1,866,770	1,985,970	2,008,490	2,132,900
- Sinking Fund	117,890	129,340	522,260	315,500	345,500
Loans raised under S.42A of the Main Roads Act - Interest	340,835	352,923	350,702	385,779	373,914
- Investments for loan repayments	356,481	361,316	418,104	658,605	866,502
- Repayment of Principal	35,850	37,391	39,024	84,469	122,016
Interest on Advance received from County of Cumberland Fund	206,192	173,687	81,138	68,326	65,054
Repayment of Advance received from County of Cumberland Fund	147,360	1,500,000	700,000		
Repayment of Advance received from State Treasury - Principal	90,825	96,048	101,570		
- Interest	16,586	11,363	5,841		
Long Term Investments for Loan Repayments			1,400,000		
Total Payments	3,076,415	4,585,307	5,820,149	3,729,211	4,158,560
Excess of Receipts over Payments	855,542	160,077Dr.	994,303Dr.	1,601,949	1,449,238
Note: Surplus tolls for repayment of loans have been invested as follows -				1,700,000	1,200,000

Waterfall to Bulli Pass TollworkReceipts

Gross Tolls		1,205,967	1,345,822	1,454,669	1,530,065
Less Collection Costs	11,283	421,995	482,524	528,453	577,086
Net Tolls	11,283Cr.	783,972	863,298	926,216	952,979
Interest on Sinking Fund Investments	338,531	231,806	281,146	389,050	527,922
Total Receipts	327,248	1,015,778	1,144,444	1,315,266	1,480,901

Payments

Tollway Lighting		18,289	34,041	37,017	52,600
Traffic Facilities		89,967	136,198	199,037	160,332
Maintenance		87,690	333,741	307,653	278,397
General Administration		25,266	43,295	41,067	40,074
Debt Charges:- General Loan Account - Interest and Management Expenses		224,853	243,560	241,560	265,500
- Sinking Fund		11,168	69,750	35,000	51,100
Loans raised under S.42A of the Main Roads Act - Interest		1,772,939	2,045,123	2,002,382	1,970,384
- Investment for loan repayments	338,531	749,725	807,315	915,220	791,007
- Repayment of Principal		389,583	457,630	480,802	505,708
Total Payments	338,531	3,369,480	4,170,653	4,259,738	4,115,102
Excess of Payments over Receipts	11,283	2,353,702	3,026,209	2,944,472	2,634,201

Note: Transfer of motor vehicle taxation to finance deficits have been made as follows -

SUMMARY OF LOAN LIABILITIES AS AT 30TH JUNE, 1979

APPENDIX 3.00

	County of Cumberland Fund	Country Fund	Develop- mental Roads	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$	\$
A" GENERAL LOAN ACCOUNT (STATE LOANS)							
GROSS LIABILITY							
Loans prior to 1 July, 1978	10,850,000	32,685,305	3,449,039	3,400,000	28,950,000	20,521,502	99,855,846
Loans 1978/79	10,400,000	3,000,000					13,400,000
Total to 30 June, 1979	21,250,000	35,685,305	3,449,039	3,400,000	28,950,000	20,521,502	113,255,846
REPAYMENTS OF PRINCIPAL AND SINKING FUND CONTRIBUTION							
PRIOR TO 1 JULY, 1978							
By Department	293,780	5,685,897	85,881	131,130	1,691,220	9,406,845	17,294,753
By Commonwealth	134,379	1,657,070	415,403	42,563	735,805	1,718,376	4,703,596
Total to 1 July, 1978	428,159	7,342,967	501,284	173,693	2,427,025	11,125,221	21,998,349
DURING 1978/79:-							
By Department	156,200	291,594	62,589	51,100	345,500	-	906,983
By Commonwealth	29,201	71,451	8,674	9,135	74,563	27,007	220,031
Total during 1978/79	185,401	363,045	71,263	60,235	420,063	27,007	1,127,014
TOTAL REPAYMENT OF PRINCIPAL AND SINKING FUND TO 30 JUNE, 1979							
By Department	449,980	5,977,491	148,470	182,230	2,036,720	9,406,845	18,201,736
By Commonwealth	163,580	1,728,521	424,077	51,698	810,368	1,745,383	4,923,627
Total to 30 June, 1979	613,560	7,706,012	572,547	233,928	2,847,088	11,152,228	23,125,363
NET LIABILITY AT 30 JUNE, 1979 - GENERAL LOAN ACCOUNT	20,636,440	27,979,293	2,876,492	3,166,072	26,102,912	9,369,274	90,130,483
B" LOANS FROM STATE TREASURY							
GROSS LIABILITY							
Loans prior to 1 July, 1978	7,000,000	6,000,000					13,000,000
Loans 1978/79	-	-					-
Total to 30 June, 1979	7,000,000	6,000,000					13,000,000
REPAYMENTS OF PRINCIPAL							
	-	-					-
NET LIABILITY AT 30 JUNE, 1979 - STATE TREASURY LOANS	7,000,000	6,000,000					13,000,000
C" BORROWINGS UNDER SECTION 42A OF THE MAIN ROADS ACT							
GROSS LIABILITY							
Loans prior to 1 July, 1978	28,055,000	34,100,000	-	27,600,000	6,000,000	9,320,000	105,075,000
Loans 1978/79	10,000,000	28,000,000	-	-	-	-	38,000,000
Total to 30 June, 1979	38,055,000	62,100,000	-	27,600,000	6,000,000	9,320,000	143,075,000
REPAYMENT OF PRINCIPAL AND SINKING FUND CONTRIBUTION							
PRIOR TO 1 JULY, 1978							
Principal	2,433,001	2,532,978	-	2,321,844	401,238	1,774,096	9,463,157
Sinking Fund	3,973,995	3,610,009	-	4,997,176	3,015,018	4,340,580	19,936,778
Total to 1 July, 1978	6,406,996	6,142,987	-	7,319,020	3,416,256	6,114,676	29,399,935
DURING 1978/79							
Principal	489,429	768,038	-	505,708	122,016	108,294	1,993,485
Sinking Fund	440,587	737,363	-	263,085	239,851	243,472	1,924,358
Net Interest on Investment	419,829	403,630	-	527,922	626,651	413,368	2,391,400
Total during 1978/79	1,349,845	1,909,031	-	1,296,715	988,518	765,134	6,309,243
Total to 30 June, 1979	7,756,841	8,052,018	-	8,615,735	4,404,774	6,879,810	35,709,178
NET LIABILITY AT 30 JUNE, 1979 - SECTION 42A LOANS	30,298,159	54,047,982	-	18,984,265	1,595,226	2,440,190	107,365,822
D" TOLL FUNDS SET ASIDE FOR REPAYMENT OF LOANS							
PRIOR TO 1 JULY, 1978							
Reserve for Loan Repayment					1,400,000		1,400,000
Special Purposes					1,700,000		1,700,000
DURING 1978/79							
					1,200,000		1,200,000
Total to 30 June, 1979					4,300,000		4,300,000
NET LOAN LIABILITY ON BORROWINGS FROM GENERAL LOAN ACCOUNT AND UNDER SECTION 42A OF THE MAIN ROADS ACT	57,934,599	88,027,275	2,876,492	22,150,337	23,398,138	11,809,464	206,196,305

SEMI-GOVERNMENT LOANS - SCHEDULE OF MATURITIES

APPENDIX 4.00

AS AT 30TH JUNE, 1979

Year	County of Cumberland Fund	Country Fund	Waterfall to Bulli Tollwork	Berowra to Calga Tollwork	Sydney Harbour Bridge	Total
	\$	\$	\$	\$	\$	\$
1979-80	995,138	1,960,000	1,831,463	500,000	180,000	5,466,601
1980-81	659,315	100,000	1,160,000	180,000	1,206,757	3,306,072
1981-82	15,000		357,500	991,189	1,026,000	2,389,689
1982-83	2,784,000	11,422,300	1,120,000	730,100	1,350,000	17,406,400
1983-84	2,056,461	2,100,000	750,000	400,000	350,000	5,656,461
1984-85	280,929	1,712,300	406,000	392,857		2,792,086
1985-86	1,280,000	3,390,909	915,347			5,586,256
1986-87	1,300,000	4,021,771	2,063,079	500,000	519,000	8,403,850
1987-88		450,000	1,056,667		383,353	1,890,020
1988-89	3,943,422	2,984,544	3,606,991	202,200		10,737,157
1989-90	466,202	820,168	770,002			2,056,372
1990-91	426,344	417,854			200,000	1,044,198
1991-92	3,348,901	3,039,649	653,366	504,000	50,000	7,595,916
1992-93	1,276,000	660,000	4,108,940	226,400	772,500	7,043,840
1993-94	1,326,858	1,521,734	1,600,000			4,448,592
1994-95	974,000	589,572	300,000			1,863,572
1995-96	200,000	2,196,183	834,097			3,230,280
1996-97			1,288,996			1,288,996
1997-98		5,000,000		100,000	100,000	5,200,000
1998-99	6,000,000	10,000,000				16,000,000
1989-2000		200,000				200,000
Subsequent to 30 June 2000	7,800,000	6,212,000	1,950,000	750,000	1,300,000	18,012,000
TOTALS	35,132,570	58,798,984	24,772,448	5,476,746	7,437,610	131,618,358

SUMMARY OF PAYMENTS ON THE STATE ROADS SYSTEM FROM COMMONWEALTH, STATE AND LOAN FUNDS - CONSTRUCTION

APPENDIX 5.0001

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS								
F1	North Sydney	Miller St to Willoughby Rd Naremburn Const of divided Carriageways incl Loading Ramps & Bridges	Department	6	1,007,931		292,815	1,300,746
TOTAL F1								1,300,746
F3	Gosford	47.75 km to 54.15 km North of Sydney Asphaltic Concrete Surfacing	Department	6	248,521			248,521
F3	Gosford	38 km to 47 km North of Sydney Heavy Patching of 2 km in slow vehicle lanes at selected Locats.	Department	6	27,127			27,127
F3	Gosford	14.37 km North of Gosford Dual Carriageway	Department	1	1,488,033-			1,488,033-
F3	Gosford	52.4 km to 63.7 km North of Sydney Pavement Strengthening	Department	1	748,279			748,279
F3	Hunters Hill	Lane Cove River Figtree Bridge Abutment River Wall	Department	6	33,556		9,748	43,304
F3	Sydney	North Western Freeway - Pyrmont St Area (P) Foundations Substructures Viaducts & Associated Works	Department	6	657,481		191,005	848,486
F3	Sydney	Druitt St, City of Bridge Rd, Glebe Public Utility adjustment Postmaster General's Department	Department	6	1,457		424	1,881
F3	Sydney	Druitt St, City to Bridge Rd, Glebe Public Utility adjustment Public Transport Commission	Department	6	4,860		1,411	6,271
F3	Sydney	North Western Freeway - King St Area (K) Foundations Substructures Viaducts & Associated Works	Department	6	970,822		282,034	1,252,856
F3	Sydney	North Western Freeway Public Utility Adjustment Sydney City Council	Department	6	6,493		1,887	8,380
F3	Sydney	Darling Harbour Goods Yard Public Utility adjustment Sydney City Council	Department	6	415,748		120,778	536,526
F3	Sydney	Druitt St, City to Bridge Rd Glebe Public Utility adjustments M.W.S. & D.B.	Department	6	482,207		140,086	622,293
F3	Sydney	Northwestern Freeway - Bathurst St Area (B) Foundations Substructures Viaducts & Associated Works	Department	6	2,122,263		616,540	2,738,803

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0002

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F3	Sydney	Darling Harbour Goods Yard Deck ENW7	Department	6	72,422		21,040	93,462
F3	Sydney	Darling Harbour Goods Yard Supply Fabrication & Delivery of Steelwork for Decks	Department	6	1,001,064		290,819	1,291,883
F3	Wyong	Cobbs Rd to Wyong River (87.3 km to 90.2 km North of Sydney) Dual Carriageways	Department	6	1,834,215			1,834,215
F3	Wyong	101.3 km North of Sydney - Wallarah Creek 2/4 X 2 Reinforced Concrete Box Culvert	Department	6	177,571			177,571
F3	Wyong	85.65 km North of Sydney Reconstruction of Old Tuggerah Road from Highway to Prestons Rd	Department	6	154,017			154,017
F3	Wyong	Wyee Bifurcation to Doyalson 99.0 to 106.5 km North of Sydney Motorway Connection	Department	6	466,301			466,301
F3	Wyong	87.8 km North of Sydney - Mardi Creek 3/3 X 2 Reinforced Concrete Box Culvert	Department	6	327,465			327,465
F3	Wyong	85.65 km North of Sydney Erection of Armco Superspan at Old Tuggerah Road	Department	6	484,470			484,470
F3	Wyong	Ourimbah Ck to Cobbs Rd 84.0 km to 87.3 km North of Sydney Dual Carriageways	Department	6	1,696,306			1,696,306
F3	Wyong	85.5 km North of Sydney - Kangy Angy Creek C3/3 X 2.75 Reinforced Concrete Box Culvert	Department	6	273,718			273,718
F3	Wyong	New Bridge over Deep Creek 89.1 km North of Sydney Bored Pile Foundations - Drilling	Department	1	503,621			503,621
F3	Wyong	Bridge over Kangy Angy Creek 85.6 km North of Sydney Prefabrication of Steelwork	Department	1	10,687			10,687
TOTAL F3								12,908,410
F4	Auburn	Haslams Creek Stormwater Channel - Eastbound Carriageway Prestressed Concrete Bridge	Department	6	12,511		3,634	16,145

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0003

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F4	Concord	Powell St to Queen St, Strathfield - over Northern Railway Line Construction Bridge over Nthn Railway at North Strathfield	Department	6		12,093	34,153	46,246
F4	Concord	13.6 km to 15.2 km West of Sydney-Young St to Saleyards Creek Construction First Stage divided two lane carriageway	Department	6		4,060	11,468	15,528
F4	Holroyd	25 km West of Sydney Pedestrian Underpass between Rees St & Rita St Mays Hill	Department	6		44,493	125,656	170,149
F4	Holroyd	22.9 to 25.9 km West of Sydney - Church St to Mays Hill Divided two lane Carriageway - First Stage	Department	6	415,331		120,658	535,989
F4	Holroyd	Burnett St Mays Hill - 24.7 km West of Sydney Road Overbridge	Department	6		212	598	810
F4	Parramatta	Duck Creek - 20.43 km West of Sydney Bridge Construction	Department	6		26,594	75,108	101,702
F4	Penrith	Nepean River at Regentsville Prestressed Concrete Bridge	Department	6		28	79	107
F4	Penrith	Bringelly Rd Regentville to Russell St Emu Plains - Stage Two Strengthening selected lengths of pavement - CH.15M2000-17M100	Department	6	99		29	128
F4	Penrith	Bringelly Rd Regentville to Russell St Emu Plains Strengthening of selected lengths of pavement - CH.15M2000-17M100	Department	6	282,971		82,205	365,176
F4	Strathfield	15 to 21.2 km West of Sydney - Wentworth Rd Homebush to Clyde Wentworth St Divided two lane carriageway	Department	6	1,704,834		495,272	2,200,106
F4	Strathfield	Bridge over Norther Railway at North Strathfield Construction - Powell Street to Queen Street Strathfield	Department	6		742	2,097	2,839
F4	Sydney	Viaduct Toll Plaza to Day St Sydney Post Constructional Adjustments	Department	6		4,262	12,039	16,301
TOTAL F4								3,471,226

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0004

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F5	Campbelltown	Main Southern Railway Line at Glenlee Bridge No. 504	Department	6	877,127			877,127
F5	Campbelltown	Twin Bridges at Menangle over Nepean River Reinforced Concrete Bridges	Department	6	1,972,400			1,972,400
F5	Campbelltown	Glenlee (Minto) Rd 57.5 km South of Sydney Prestressed Concrete Bridge	Department	6	3,332-			3,332-
F5	Campbelltown	Bridge over Freeway at MR 178 Westbound Carriageway Bridge Number 502	Department	6	226,595			226,595
F5	Campbelltown	MR No. 179 4.83 km South of Campbelltown Prestressed Concrete Bridge Underpass	Department	6	37,815			37,815
F5	Campbelltown	MR No. 178 to Nepean River 55.04 to 61.15 km South of Sydney Divided Two Lane Carriageway	Department	6	511,679			511,679
F5	Campbelltown	53.43 km to 55.04 km South of Sydney Interchange	Department	6	2,458,585			2,458,585
F5	Campbelltown	Cross Roads to Campbelltown Divided Two Lane Carriageway	Department	6	29,550			29,550
F5	Mittagong	Twin Bridges at Yanderra 102.7 km South of Sydney Bridge Number 518	Department	1	445,429			445,429
F5	Wollondilly	Avon Dam Rd over F5 - 87.4 km South of Sydney Bridge Number 516	Department	1	320,513			320,513
F5	Wollondilly	Twin Bridges at Douglas Park over Nepean River Reinforced Concrete Bridges	Department	1	1,679,977			1,679,977
F5	Wollondilly	Avon Dam Rd over F5 - 87.4 km South of Sydney Bridge Number 516	Department	1	173,028			173,028
F5	Wollondilly	Moreton Park Rd over F5 69.2 km South of Sydney Deviation Bridge	Department	1	26,208			26,208
F5	Wollondilly	Mt Keira Rd over F5, 71.5 km South of Sydney Bridge Number 512	Department	1	543,335			543,335
F5	Wollondilly	Twin Freeway Bridges at Moolgun Creek Bridge Number 513	Department	1	1,664,575			1,664,575
F5	Wollondilly	Moreton Park Rd over F5 69.2 km South of Sydney Deviation Bridge	Department	1	5,958			5,958
F5	Wollondilly	Twin Bridges at Menangle over Nepean River Reinforced Concrete Bridges	Department	1	42,798			42,798

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0005

ROADS	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F5	Wollondilly	Bridge over Nepean River at Pheasants Nest Bridge Number 515	Department	1	2,224,003			2,224,003
F5	Wollondilly	Pheasants Nest to Yanderra 77.3 km to 102.7 km South of Sydney Divided Dual Carriageway	Department	1	2,359,679			2,359,679
F5	Wollondilly	Menangle to Douglas Park 61.15 km to 70.48 km South of Sydney Divided Two Lane Carriageway	Department	1	1,210,328			1,210,328
F5	Wollondilly	Douglas Park to Pheasants Nest 70.48 km to 76.6 km South of Sydney Divided Two Lane Carriageway	Department	1	3,215,668			3,215,668
F5	Wollondilly	TR95 Deviation Bridge over F5(Bridge No. 514) Construction (76.0 km South of Sydney)	Department	1	399,462			399,462
F5	Wollondilly	86.7 km to 89.6 km South of Sydney (Pheasants Nest to Yanderra) Earthworks, Draianage & Structures	Department	1	114,253			114,253
F5	Wollondilly	77.3 km to 102.7 km Pheasants Nest to Yanderra South of Sydney Dual Two Lane Carriageway	Department	1	248,984			248,984
TOTAL F5								20,784,617
F6	Wollongong	Waterfall Tollway Driver Aid & Toll Registration Systems	Department	6		2,715	7,667	10,382
F6	Wollongong	Five Islands Rd to Northcliffe Dr Dual Carriageway incl interchange at Five Islands Road	Department	6		101,825	17,088	118,913
F6	Wollongong	Intersection with F8 at Gwynneville to Gladstone Ave Major Patching	Department	6		158	27	185
F6	Wollongong	Northcliffe Dr to Kanahooka Rd Kembla Grange Dual Carriageway	Department	6		2,790,846	468,356	3,259,202
F6	Wollongong	Kanahooka Rd to Emerson Rd Dapto Dual Carriageway	Department	6		187,099	31,399	218,498
F6	Wollongong	Porter St Extension Dual Carriageway	Department	6		343	58	401
F6	Wollongong	Gladstone Ave to Five Islands Rd Figtree Dual Carriageway	Department	6		543,934	91,282	635,216

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0006

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
FREEWAYS (CONT'D)								
F6	Wollongong	Bridge over F6 at Kanahooka Rd Dapto Prestressed Concrete Bridge	Department	6		25,459	4,273	29,732
F6	Wollongong	Twin Bridges over Freeway at Northcliffe Dr Berkeley Superstructure	Department	6		11,023	1,850	12,873
F6	Wollongong	Mullet Creek at Kembla Grange 91.5 km South of Sydney Prestressed Concrete Bridge	Department	6		10,634	1,785	12,419
F6	Wollongong	Over Freeway at Emerson Rd Dapto Three Span Prestressed Concrete Voided Slab Deck Bridge	Department	6		429,783	72,125	501,908
TOTAL F6								4,799,729
TOTAL FREEWAYS					35,440,932	4,196,303	3,627,493	43,264,728
STATE HIGHWAYS								
1	Eurobodalla	Bobundara Creek (Central Tilba) 86.4 km South of Batemans Bay 2 Cell Box Culvert	Department	2		56,673	9,511	66,184
1	Eurobodalla	41.0 km South of Batemans Bay Additional Lanes at Hector McWilliams Drive Jnct	Department	2		31,897	5,353	37,250
1	Eurobodalla	89 km South of Batemans Bay Additional Lanes at MR No. 272 Junction	Department	2		59,145	9,926	69,071
1	Eurobodalla	1.37 km to 9.27 km South of Batemans Bay Climbing Lanes	Department	2	271,822		380,162	651,984
1	Eurobodalla	Deep Creek 5.2 km South of Batemans Bay Widening of Reinforced Concrete Bridge	Department	2	82,826		115,837	198,663
1	Imlay	Freshwater Creek at Eden Reinforced Concrete Box Culvert	Department	2	31,819		44,502	76,321
1	Imlay	Bridge over Bellbird Creek 4.63 km North of Eden Widening of Reinforced Concrete Bridge	Department	2	7,345		10,274	17,619
1	Imlay	43.1 km to 45.2 km South of Bega Drainage Improvement	Department	2	24,454		34,201	58,655
1	Imlay	Bridge over Freshwater Creek Eden Approaches	Department	2	56,495		79,013	135,508
1	Imlay	55.3 km to 56.8 km South of Bega Climbing Lane/Widening of Bridge over Bellbird Creek	Department	2	59,437		83,126	142,563

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0007

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
1	Imlay	Bridge over Merimbula Lake 34.8 km South of Bega Approaches	Department	2	147		206	353
1	Imlay	2.7 km to 9.0 km South of Bega Reconstruction & Bituminous Surfacing	Department	2	598,542		837,101	1,435,643
1	Imlay	0 km to 0.9 km South of Eden Reconstruction & Climbing Lane	Department	2	5,549		7,760	13,309
1	Imlay	Kingswood Creek 6.8 km South of Bega Prestressed Concrete Bridge	Department	2	9,833		13,751	23,584
1	Kiama	42.3 km to 46.3 km South of Wollongong Improvement to Alignment	Department	6		106,857		106,857
1	Kiama	42.3 km to 46.3 km South of Wollongong Improvement to Alignment	Department	6		1,022,261	171,554	1,193,815
1	Kogarah	Tom Uglys Bridge Replacement of Flexible Pavement Side Strips	Department	6		58,265	164,550	222,815
1	Shellharbour	53.6 km to 54.3 km South of Wollongong Reconstruction & Drainage Improvement	Department	2		43,855		43,855
1	Shoalhaven	Bridge over Tomerong Creek, 21.8 km South of Nowra Widening of Bridge (incl. Footway)	Department	2	30,412		42,533	72,945
1	Shoalhaven	Shoalhaven River at Nowra Prestressed Concrete Bridges	Department	2	739,651		1,034,451	1,774,102
1	Shoalhaven	Bomaderry Creek 1.7 km North of Nowra Prestressed Concrete Bridge	Department	2	43,181		60,391	103,572
1	Shoalhaven	Bridge over Shoalhaven River at Nowra Public Utility Adjustment	Council	2	2,350		3,287	5,637
1	Shoalhaven	Twin Bridges over Shoalhaven River at Nowra Northern Approaches	Department	2		204,348	34,293	238,641
1	Shoalhaven	East St, Nowra - From Shoalhaven River to Browns Creek Deviation	Department	2	42,620		59,608	102,228
1	Shoalhaven	Meroo Meadow 152.1 km to 155.3 km South of Sydney Improvement to Alignment & Grading	Department	2		3,757	630	4,387
1	Shoalhaven	7.3 km to 9.2 km South of Nowra Reconstruction & Widening	Department	2	220,715		308,683	529,398
1	Shoalhaven	37.3 km to 45.4 km South of Nowra Climbing Lanes	Department	2		34,221	5,743	39,964

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0008

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
1	Shoalhaven	Tomerong Creek 22 km to 22.9 km South of Nowra Widening of Bridge Approaches	Department	2	3,661		5,120	8,781
1	Shoalhaven	62.9 km to 64 km South of Wollongong Reconstruction of Failed Pavement	Department	2		303,103	50,866	353,969
1	Shoalhaven	Jaspers Creek 148.4 km to 150.5 km South of Sydney Deviation	Department	2		5,003	839	5,842
1	Sutherland	President Ave to SH1 at Loftus Dual Carriageway	Department	6		8,405	23,737	32,142
1	Sutherland	Holt Rd to Port Hacking Rd Taren Point Strengthening of Pavement	Department	6		8,957	25,297	34,254
1	Sutherland	Railway Overbridge Acacia St Sutherland Approaches	Department	6		24	70	94
1	Wollongong	67.05 km to 69.3 km South of Sydney - Bulli Pass Drainage Improvement with Restoration of Formation Width	Department	6	143,732		41,755	185,487
1	Wollongong	98 to 99 km South of Sydney - Mt Brown Turnoff to Cattle Creep Upgrading of Section	Department	6		34,582	5,804	40,386
1	Wollongong	Orange Grove Rd to Northcliffe Dr Kembla Grange Reconstruction & Widening to Four Lanes	Department	6		53,889	9,043	62,932
1	Wollongong	American Creek Bridge between Figtree & Wollongong Three Span Prestressed Concrete Pier Bridge	Department	6		209,353	35,133	244,486
1	Wollongong	7.7 km to 8.3 km South of Wollongong Kerbside Lanes	Council	6		19,246	3,230	22,476
1	Wollongong	Robson Rd to Wollongong Expressway Reconstruction & Bituminous Surfacing	Council	6		960-	161-	1,121-
1	Wollongong	Gibsons Rd to Five Island Rd Figtree Reconstruction including Side Strips	Council	6		308,043	51,695	359,738
1	Wollongong	Reconstruction between Flagstaff Rd & Orange Grove Avenue Public Utility adjustment	Department	6		12,573	2,110	14,683
TOTAL								8,729,072

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0009

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
2	Albury	59.45 km to 60.8 km South of Holbrook Reconstruction & Bituminous Surfacing	Department	1	620			620
2	Albury	Hume Highway & Urana Rd, MR 125 Albury Improvement of Intersection	Department	1	26,435			26,435
2	Bankstown	Avoca St to Cooper Rd, Yagoona Drainage Improvement	Department	6	56,994		16,558	73,552
2	Bankstown	Intersection for Proposed Access to Public Transport Comm. Public Utility Adjustment	Department	6		1,150	3,247	4,397
2	Bankstown	Hector St, Johnson St & Carysfield Rd Bass Hill Improvement of Intersection	Department	6	441,394		128,229	569,623
2	Bankstown	SH 2 & Henry Lawson Dr, Lansdowne Intersection Improvement	Department	6		46,937	132,558	179,495
2	Bankstown	Avoca St to Cooper Rd Yagoona Stormwater Drainage	Department	6	4,942-		1,436-	6,378-
2	Bankstown	Rookwood Rd, Yagoona to Horsley Dr, Lansvale Replacement of Failed Concrete Slabs	Department	6	635-		185-	820-
2	Burwood	11.9 km to 19.5 km West of Sydney Replacement of Failed Concrete Slabs - 1978/79	Department	6	75,001		21,788	96,789
2	Camden	Various Locations near Camden Passing Lanes	Department	6		31,387	88,640	120,027
2	Camden	Bridge over South Creek 7.35 km North of Camden Approaches	Department	6		2,352-	6,645-	8,997-
2	Camden	Northbound Carriageway over MR 178 Interchange Structure	Department	6	28,273-			28,273-
2	Fairfield	Intersection with Lansdowne Rd, Lansvale Adjustment to Medians	Department	6		689-	1,944-	2,633-
2	Goodradigbee	Bridge over Connors Ck 35.2 km South of Yass Approaches	Department	1	1,941			1,941
2	Goulburn	Clinton St to Finlay Rd & Section May St to Lansdowne St Reconstruction	Council	1	101,408			101,408
2	Goulburn	82.1 km to 85.6 km South of Mittagong Dual Carriageway	Department	1	85,633			85,633

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0010

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
2	Goulburn	Bridge over Mulwaree Ponds at North Goulburn Demolition of Old Bridge	Department	1	12-	-		12-
2	Gundagai	Twin Bridges over Punch St at Gundagai Prestressed Concrete Bridge	Department	1	90,172			90,172
2	Gundagai	Jones Creek 101.5 km South of Yass Prestressed Concrete Bridge	Department	1	27,166			27,166
2	Gundagai	Hunch St, Gundagai Prestressed Concrete Planks	Department	1	109,134			109,134
2	Gundagai	Jones Creek 101.5 km South of Yass Prestressed Concrete Planks	Department	1	57,750			57,750
2	Gundagai	Over Hume Highway - O'Hagan St 4 Span Prestressed Concrete Voided Steel Deck Bridge	Department	1	219,915			219,915
2	Gundagai	27.7 km to 28.3 km South of Gundagai Improvement of Junction with SH4 at 28 km South of Gundagai	Department	1	13,257			13,257
2	Gundagai	76.0 km to 77.0 km South of Yass Reconstruction & Widening	Department	1	285,457			285,457
2	Gundagai	3.2 km to 12.8 km South of Gundagai Second Carriageway	Department	1	565,747			565,747
2	Gundagai	Bridge over Murrumbidgee River at Gundagai Approaches	Department	1	1,515,107			1,515,107
2	Gundagai	28.0 km to 37.0 km South of Gundagai Reconstruction	Department	1	247,469			247,469
2	Gundagai	47.9 km to 138.9 km South of Yass - Jugiong to Tarcutta Range Reconstruction & Bituminous Surfacing	Department	1	1,057,158			1,057,158
2	Gundagai	Level Crossing at Coolac 83.7 km South of Yass Improvement of Approach Alignment	Department	1	115,074			115,074
2	Gunning	23.7 km to 66.7 km South of Goulburn Widening & Improvements of Formation & Pavement Reconstruction	Department	1	757,885			757,885
2	Gunning	Bridge over Fish River 45.0 km South of Goulburn Approaches	Department	1	7,078			7,078
2	Gunning	Fish River 45.0 km South of Goulburn Prestressed Concrete Girder Bridge	Department	1	165			165

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0011

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
2	Holbrook	109.5 to 115.9 km South of Gundagai Asphaltic Concrete Surfacing	Department	1	7,599			7,599
2	Holbrook	84.3 km to 95.3 km South of Gundagai Bituminous Concrete Surfacing of Pavement	Department	1	188,412			188,412
2	Holbrook	Little Billabong 43.9 km to 44.9 km South of Tarcutta Improvement to Intersection	Department	1	1,746-			1,746-
2	Holbrook	166.4 km to 170.4 km South of Gundagai Asphaltic Concrete Surfacing of Northbound Carriageway	Department	1	871			871
2	Hume	56.0 km to 59.7 km South of Holbrook Reconstruction & Bituminous Surfacing	Department	1	4,957			4,957
2	Kyeamba	39 km to 51.7 km South of Gundagai Upgrading of Existing Alignment	Department	1	72,713			72,713
2	Kyeamba	55.6 km to 63.9 km South of Gundagai First Stage (Northbound) of Dual Carriageway	Department	1	2,553,243			2,553,243
2	Kyeamba	3.6 km to 20.4 km South of Tarcutta Second Carriageway	Department	1	695,468-			695,468-
2	Kyeamba	64 km to 68.2 km South of Gundagai First Stage of Dual Carriageway	Department	1	31,113			31,113
2	Kyeamba	Kilgowlah Creek 13.2 km South of Tarcutta Prestressed Concrete Bridge	Department	1	2,194			2,194
2	Kyeamba	Bridge over Keajura Creek 9.9 km South of Tarcutta Prestressed Concrete Bridge	Department	1	184,091			184,091
2	Kyeamba	50.6 km to 50.8 km South of Gundagai Regrading Highway at Disused Railway Level Crossing	Department	1	34,513			34,513
2	Liverpool	Atkinson St to Marsh Parade, Casula Kerbside Lanes & Reconstruction of Damage Pavement	Department	6	1,275		370	1,645
2	Liverpool	Atkinson St Liverpool to The Crossroads Kerbside Lanes & Damaged Pavement - Stage Two	Department	6	908,048		263,797	1,171,845
2	Mittagong	Braemer Creek 3.4 km North of Mittagong Reinforced Concrete Bridge	Department	1	2,798			2,798
2	Mittagong	Bridge over Nattai River 0.9 km North of Mittagong Widening Three Span Reinforced Concrete Steel Deck Bridge	Department	1	108,836			108,836
2	Mittagong	117 km to 123.1 km South of Sydney Divided Carriageway	Department	1	99,305			99,305

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0012

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
2	Mittagong	126.1 km to 128.8 km South of Sydney Reconstruction of Pavement & Overtaking Lane	Department	1	571,965			571,965
2	Mulwaree	165.7 km to 194.3 km South of Sydney between Marulan Goulburn Drainage Improvement & Pavement Reconstruction	Department	1	246,563			246,563
2	Mulwarre	78.4 to 81.1 km South of Gundagai Reconstruction & Bituminous Surfacing	Department	1	17			17
2	Mulwaree	Uringalla Creek to 54.5 km South of Mittagong Dual Carriageway	Department	1	133			133
2	Mulwaree	10 km South of Goulburn Reconstruction of Embankments	Department	1	30,748			30,748
2	Mulwaree	180.2 km to 183.6 km South of Sydney at Towrang Creek Reconstruction & Widening of Divided Carriageway	Department	1	16,078			16,078
2	Mulwaree	159.1 km to 210.4 km South of Sydney Motorway Type Fencing Adjacent to First Carriageway	Department	1	25,386			25,386
2	Mulwaree	159.1 to 165.7 km South of Sydney - Uringalla Creek to Marulan Provide Second Carriageway, Asphaltic Concrete, Refurbishing	Department	1	1,589,806			1,589,806
2	Wingecarribee	Hanging Rock - Uringalla Ck 165.1 to 165.9 km South of Sydney Dual Carriageway	Department	1	149,715			149,715
2	Wingecarribee	154.3 km to 164.8 km South of Sydney Dual Carriageway	Department	1	2,643,244			2,643,244
2	Wingecarribee	Selected Lengths Between 81.6 km to 169.4 km South of Sydney Heavy Patching	Department	1	117,412			117,412
2	Wollondilly	Stonequarry Creek Bridge - Picton Deck Reconstruction - 3 Span Steel Girder Buckle Plate	Department	1	134,779			134,779
2	Yass	Yass River (Hume Bridge) at Yass Steel Girder & Reinforced Concrete Bridge	Department	1	13,806			13,806
2	Yass	33.8 km to 35.8 km West of Yass between Bookham & Connors Creek Interim Work to Improve Alignment, Grading	Department	1	83			83

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0014

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
5	Ashfield	Great Northern Rd to Divisional Boundary Strengthening Pavement on Both Carriageways	Department	6		32,762	92,525	125,287
5	Auburn	Marlborough Rd Flemington to Berry St Granville Replacement of Failed Concrete Slabs	Department	6	8,805		2,557	11,362
5	Bathurst	Bentinck St & Durham St Bathurst Reconstruction & Channelised Intersection	Department	1	43,264		60,508	103,772
5	Blacktown	Church Lane to Old Western Rd Blacktown Access Ramps to Church Lane Overpass & Associated Works	Department	6	531,881		154,517	686,398
5	Blacktown	Blacktown Rd Prospect to Rooty Hill Rd Eastern Ck Restoration of Failed Pavement	Department	6	196		57	253
5	Blue Mountains	19.0 km to 36.0 km West of Katoomba Heavy Patching	Department	1	60,725		84,928	145,653
5	Blue Mountains	Kidman St to Blaxland Railway Overbridge Widening & Pavment Strengthening incl Junction Improvement	Department	6		31,616	89,289	120,905
5	Blue Mountains	44.9 km to 45.6 km West of Penrith at Wentworth Falls Slow Vehicle Lane	Department	1		13,123	37,063	50,186
5	Blue Mountains	35.22 km to 96.69 km West of Parramatta Heavy Patching	Department	6		184,842	522,021	706,863
5	Blue Mountains	37.9 km to 39.2 km West of Parramatta Climbing Lane	Department	6	3,937		1,143	5,080
5	Blue Mountains	35.22 km to 96.69 km West of Parramatta Heavy Patching	Department	6		193,047	545,196	738,243
5	Blue Mountains	Short St to View St Blaxland Divided Carriageway	Department	6		471	1,332	1,803
5	Blue Mountains	62 km to 63.8 km West of Parramatta - Woodford Ave Reconstruction of Overtaking Lane	Department	1		236,741	668,592	905,333
5	Blue Mountains	Selected Sections 35.22 km to 96.69 km West of Parramatta Reshaping & Strengthening with Asphaltic Concrete	Department	6		151,058	426,609	577,667
5	Blue Mountains	Cascade St Katoomba Improvement to Intersection	Department	1		371	1,046	1,417
5	Blue Mountains	47.37 km to 48.89 km West of Penrith Climbing Lane	Department	1		108,753	307,135	415,888

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0015

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
5	Evans	Williamsons Springs - Bathurst 38.6 km - 62.5 km West of Lithgow Reconstruction Strengthening & Drainage Correction	Department	1	81,522		114,015	195,537
5	Evans	32 km to 34.8 km West of Lithgow Reconstruction & Bituminous Surfacing	Department	1		21,806	3,660	25,466
5	Greater Lithgow	Meadow Flat 28.5 km to 32.2 km West of Lithgow Reconstruction & Bituminous Surfacing	Department	1	205		287	492
5	Greater Lithgow	19.5 km to 21.1 km West of Katoomba Reconstruction & Asphaltic Concrete Surfacing	Department	1		145,444	24,408	169,852
5	Greater Lithgow	Bridge over River Lett at Hartley 129.6 km West of Sydney Approaches	Department	1		15,783	2,649	18,432
5	Greater Lithgow	29.2 km to 34.6 km West of Katoomba Widening of Formation	Department	1	48		68	116
5	Greater Lithgow	18.55 km to 32.55 km West of Lithgow Heavy Patching	Department	1	27,123		37,934	65,057
5	Greater Lithgow	2.3 to 6.1 km West of Lithgow Constn of Dual Carriageways in Apps to Marrangaroo Ck Bridge	Department	1	455,406		636,916	1,092,322
5	Greater Lithgow	36.0 km to 56 km West of Katoomba Heavy Patching	Department	1	82,011		114,697	196,708
5	Greater Lithgow	Marrangaroo Creek 5.8 km West of Lithgow Prestressed Concrete Plank Bridge	Department	1		17,985	3,018	21,003
5	Marrickville	Mallet St Camperdown to Norton St Petersham Strengthening of Pavement on both Carriageways - selected	Department	6		2,077	5,866	7,943
5	Penrith	45 km to 51 km West of Sydney - St. Marys to Kingswood Widening to 4 lanes incl Intersect with MR 154 (Parker Street)	Department	6		73,789	208,390	282,179
5	Strathfield	From Burwood Rd to Silverwater Rd Replacement of failed concrete slabs	Department	6	51,064		14,834	65,898
TOTAL 5								6,737,115
6	Blayney	33.8 km to 36.3 km West of Bathurst Strengthening & Pavement Widening	Department	2	94,407		132,034	226,441

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0016

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
6	Blayney	Railway Level Crossing to Martha St Blayney Reconstruction & Bituminous Surfacing	Department	2		90,501	15,188	105,689
6	Blayney	52.5 km to 52.7 km West of Bathurst Bridge Abutment Protection Bellubula Rd & Ewamore Rd Bridges	Department	2	2,731		3,819	6,550
6	Cowra	Bridge over Lachlan River at Cowra Public Utility Adjustments	Department	2		12,835	2,154	14,989
6	Cowra	Fitzroy St. to Carlton St., Cowra Reconstruction Improvement & Alignment	Council	2	22,123		30,942	53,065
6	Evans	21.4 km to 23.3 km West of Bathurst Climbing Lane & Pavement Strengthening	Department	2		47,236	7,927	55,163
6	Hay	247.766 km to 251.5 km West of West Wyalong Reconstruction on Improved Alignment	Department	2	56,420		78,908	135,328
6	Waugoola	10.3 km to 12.7 km East of Cowra Pavement Widening & Strengthening	Council	2		23,397	3,926	27,323
6	Weddin	29.0 km to 32.0 km East of Grenfell Widening of Formation	Council	2	38,016		53,168	91,184
6	Weddin	24.5 km to 27.7 km East of Grenfell Widening & Strengthening of Pavement	Council	2	41,661		58,266	99,927
TOTAL 6								815,659
7	Bogan	3 km to 75 km North of Nyngan Heavy Patching Various Lengths	Department	1		17,014	2,855	19,869
7	Bogan	0.91 km to 1.69 km North of Nyngan Regrading & Improvement of Junction with SH8	Department	1	816		1,140	1,956
7	Bourke	187.0 to 190.34 km North of Nyngan Reconstruction & Widening	Department	1	140,478		196,469	336,947
7	Bourke	28.18 km to 30.58 km from Bourke Reconstruction	Department	1		268,704	45,093	313,797
7	Bourke	97.3 km to 136.4 km North of Bourke - Enngonia to Qld Border Heavy Patching of Selected Lengths	Department	1	12,216		17,086	29,302
7	Cabonne	4.06 km to 4.86 km West of Orange Widening & Pavement Strengthening	Department	1		6,582	1,105	7,687
7	Cabonne	Bridge over Molong Ck Erambie Approaches	Department	1		324,918	54,527	379,445

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0017

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
7	Cabonne	48.4 to 55.3 km West of Orange Reconstruction (13.4 to 20.3 km North of Molong)	Department	1	53,807		75,252	129,059
7	Cabonne	45.1 km to 55.5 km North of Orange - Various Bridges Bridge abutment protection-Angus/Larras Lee/ Claremont/3 Rivers.	Department	1	16,407		22,947	39,354
7	Cabonne	24.7 km to 26.7 km North of Orange Widening formation and strength pavement	Department	1	66,237		92,636	158,873
7	Cabonne	0.74 South of Molong Culvert construction	Council	1		670	112	782
7	Cabonne	Bridge sites 45.1 to 55.5 km North of Orange Bridge abutment protection-Angus/Larras Lee/ Claremont/3 Rivers	Department	1	44		63	107
7	Cabonne	Molong Creek 6.8 km East of Molong Steel girder and reinforced concrete bridge	Department	1	15,282		21,374	36,656
7	Dubbo	Sandy Creek 6.60 km West of Dubbo Prestressed concrete bridge	Department	1	51,442		71,945	123,387
7	Dubbo	Sandy Creek 6.74 km West of Dubbo Prestressed concrete bridge	Department	1	25,549		35,733	61,282
7	Dubbo	Between Brigalow Ave and Wheelers Lane East Dubbo Improvements to pavement	Council	1	44,265		61,908	106,173
7	Dubbo	19.8 km to 27.4 km North-West of Dubbo Widening of culverts to full formation width	Department	1		1,459-	245-	1,704-
7	Dubbo	14.2 km to 17.7 km North of Dubbo Pavement strengthening and pavement widening	Department	1	15,173		21,221	36,394
7	Dubbo	4.9 km to 10.7 km North-West of Dubbo Reconstruction and bituminous surfacing	Department	1	134,852		188,600	323,452
7	Evans	15.4 to 19.0 km West of Bathurst A climbing lane and pavement widening	Department	1	327,209		457,624	784,833
7	Orange	Woodward St to Clinton St Orange Reconstruction of pavement	Council	1		3,546	595	4,141
7	Orange	Lone Pine Ave. & Cox Ave. Orange Reconstruction associated with Level Crossing	Council	1	7,942		11,107	19,049

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0018

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
7	Warren	59.9 km to 75 km South of Nyngan Reconstruction and widening	Department	1		4,265-	716-	4,981-
7	Wellington	38.6 to 46.2 km North of Molong Strengthening and widening pavement	Department	1		761,136	127,733	888,869
7	Wellington	57.94 km to 63.2 km North of Molong Reconstruction and bituminous surfacing	Department	1		7,113	1,194	8,307
7	Wellington	98.5 km to 99.7 km North of Orange Widening of culverts to full formation width	Department	1	8,004		11,195	19,199
7	Wellington	Bridge over Bell River 84.3 - 86.3 km North of Orange at Neura Approaches	Department	1	2,546		3,561	6,107
	TOTAL	7						3,828,342
8	Bogan	3 km to 131.4 km West of Nyngan Heavy patching various lengths	Department	2		52,769	8,856	61,625
8	Broken Hill	0.4 km to 1.6 km East of Broken Hill Restoration of riding qualities	Council	1		41,840	7,021	48,861
8	Broken Hill	3.60 km to 4.70 km West of Broken Hill Reconstruction including kerb and guttering	Council	1	13,509		18,892	32,401
8	Broken Hill	0.0 km to 0.4 km East of Broken Hill Restoration of riding qualities	Council	1		10,635	1,785	12,420
8	Central Darling	1.0 km to 7.0 km East of Wilcannia Approaches to bridges over Darling River Flood Plain	Department	1	1,563		2,187	3,750
8	Central Darling	Bridges over Talyawalka Creek 8 km to 14 km East of Wilcannia Approaches	Department	1	889		1,244	2,133
8	Central Darling	Darling River Flood Plain 1.6 km East of Wilcannia Reinforced concrete bridge	Department	1		2,350	394	2,744
8	Central Darling	Darling River Flood Plain 5.9 km East of Wilcannia Reinforced concrete bridge	Department	1		2,454	412	2,866
8	Central Darling	Darling River Flood Plain 3.7 km East of Wilcannia Reinforced concrete bridge	Department	1		2,118	355	2,473

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0019

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
8	Central Darling	Darling River Flood Plain 6.4 km East of Wilcannia Reinforced concrete bridge	Department	1		2,409	404	2,813
8	Cobar	86.4 km to 96.4 km West of Nyngan Reconstruction and widening	Department	2	193,301		270,344	463,645
8	Western Division	19.0 km to 38.5 km East of Broken Hill Replacement of concrete causeways	Department	1	29,450		41,188	70,638
8	Western Division	12.2 to 19.3 km West of Broken Hill Reconstruction and widening of formation to 10.4m	Department	1	3,223		4,506	7,729
8	Western Division	2.2 km to 2.8 km East of Broken Hill Reconstruction and widening	Department	1	7,484		10,466	17,950
8	Western Division	6.0 to 12.2 km West of Broken Hill Reconstruction and widening	Department	1	288,551		403,558	692,109
8	Western Division	3.0 km to 10.0 km East of Broken Hill Reconstruction and bituminous surfacing	Department	1	11,065		15,474	26,539
8	Western Division	Willa Williyong Creek 8.4 km East of Broken Hill Reinforced concrete bridge	Department	1	390		546	936
8	Western Division	Willa Williyong Creek 6.6 km East of Broken Hill Reinforced concrete bridge	Department	1	37		51	88
TOTAL 8								1,451,720
9	Armidale	Erskine St to Northern City boundary Armidale Reconstruction and widening	Council	2	194,079			194,079
9	Denman	2.3 km to 10.3 km North of Muswellbrook Strengthen pavement with asphaltic concrete	Department	2	278,836			278,836
9	Glen Innes	2.4 km to 3.8 km North of Glen Innes Strengthening and widening existing pavement	Department	2	874			874
9	Greater Cessnock	19.8 km to 19.9 km West of Maitland Replacement of culvert	Department	6	29,315			29,315
9	Greater Cessnock	15.6 km to 17.9 km West of Maitland - Redpost Hill Deviation	Department	6	310,417			310,417
9	Guyra	50.27 km to 55.48 km North of Armidale (Sections totalling 2.5) Reconstruction and widening existing pavement	Department	2	89,613			89,613
9	Maitland	8.2 km to 10.0 km West of Maitland Reconstruction and bituminous surfacing	Department	6	8,895			8,895

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0020

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
9	Maitland	24.4 km to 25.3 km West of Newcastle Stabilisation of Batters	Department	6	15,481			15,481
9	Maitland	25.9 km to 28.16 km West of Newcastle Dual carriageway	Department	6	36,111			36,111
9	Maitland	2.65 km to 4.68 km West of Maitland Reconstruction and bituminous surfacing	Department	6	809,307			809,307
9	Maitland	10.00 km to 11.30 km West of Maitland Strengthening of pavement	Department	6	358,983			358,983
9	Maitland	13.7 km to 15.6 km West of Maitland Reconstruction and bituminous surfacing	Department	6	9,772			9,772
9	Maitland	25.9 km to 28.2 km West of Newcastle Divided carriageway	Council	6	6,402			6,402
9	Maitland	Eastern end of Maitland By-pass Improvement	Council	6	14,742-			14,742-
9	Maitland	Lochinvar Creek 10.48 km West of Maitland Clearing of creek around bridge	Council	6	6,219			6,219
9	Maitland	Intersection of Ledsam St and Regent St Maitland Channelisation	Council	6	127,700			127,700
9	Maitland	Bridge over Lochinvar Ck 11.19 km West of Maitland Bored pile foundations	Department	6	36,384			36,384
9	Murrurundi	63.06 km to 64.52 km North of Muswellbrook Reconstruction and bituminous surfacing	Department	2	31,030			31,030
9	Muswellbrook	Lorna to Dumaresq St Muswellbrook Strengthening of pavement	Council	2	28,504			28,504
9	Newcastle	20.11 km West of Newcastle Drainage improvement	Department	6	35,949			35,949
9	Newcastle	18.50 km to 23.25 km North of Newcastle Pavement strengthening and asphaltic concrete surfacing	Department	6	373,796			373,796
9	Parry	33.8 km to 36.2 km North of Tamworth Widening, reconstruction and bituminous surfacing of climbing lane	Department	2	20,063			20,063
9	Parry	24.9 km to 29.9 km North of Tamworth Reconstruction to provide additional carriageways	Department	2	1,289,603			1,289,603

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0021

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
9	Scone	14 km to 16.6 km North of Muswellbrook Extend culverts/widening of formation/seal	Department	2	13,780			13,780
9	Scone	Aberdeen overbridge 16.2 km North of Muswellbrook Approaches	Department	2	88,704			88,704
9	Scone	34.9 km to 38.4 km North of Muswellbrook Strengthening of pavement & widening of formation	Department	2	226,931			226,931
9	Severn	86.54 km to 93.54 km North of Armidale Reconstruction, widening, formation and Minor Realignment	Department	2	8,006			8,006
9	Severn	5.6 to 9.6 km North of Glen Innes Reconstruction and realignment	Department	2	2,235			2,235
9	Severn	17.7 km to 21.9 km North of Glen Innes Reconstruction and bituminous surfacing	Department	2	218,752			218,752
9	Severn	39.91 km to 40.12 km North of Glen Innes Reconstruction of intersection with MR136	Department	2	41,613			41,613
9	Severn	Hogues Creek 21.9 km North of Glen Innes Manufacture and delivery of prestressed concrete planks	Department	2	11,602			11,602
9	Severn	Bridge over Hogues Creek 21.9 km North of Glen Innes Widening	Department	2	87,458			87,458
9	Severn	Bridge over Severn River 26 km North of Glen Innes Widening 3 span reinforced concrete bridge	Department	2	98,340			98,340
9	Singleton	Over Rix's Creek 7.1 km North of Singleton Reinforced concrete box culvert	Department	2	111,107			111,107
9	Singleton	52.45 km to 53.21 km North of Maitland Rixs Creek Approaches	Department	2	7,295			7,295
9	Singleton	65.5 km to 80.68 km North of Maitland (Liddell Deviation) Strengthen pavement with asphaltic concrete	Department	2	15			15
9	Singleton	23.35 km to 24.6 km North of Maitland Reconstruction and bituminous surfacing (Inc. Passing Lane)	Department	2	474,623			474,623

STATE ROAD SYSTEM - CONSTRUCTION

APPENDIX 5.0022

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
9	Singleton	35.47 km to 37.37 km North of Maitland Passing lane at Minibah	Department	2	5,493			5,493
9	Singleton	31.3 km to 33.3 km North of Maitland Reconstruction and bituminous surfacing inc Passing lane	Department	2	215			215
9	Singleton	55.2 km North of Maitland - Rest Area Number 36 Extension of rest area and improved facilities	Department	2	804-			804-
9	Singleton	35.7 km to 45.1 km North of Maitland Reconstruction and bituminous surfacing	Department	2	82,340			82,340
9	Singleton	67.3 km to 82.5 km North of Maitland Improvement to subsoil drains and table drains	Department	2	36,315			36,315
9	Singleton	45.33 km to 46.46 km North of Maitland Stage 1 Asphaltic concrete surfacing	Council	2	47,296			47,296
9	Tamarang	48.7 km to 57.8 km North of Murrurundi Reconstruction and bituminous surfacing	Department	2	99			99
9	Tamarang	Bridge over Quirindi Creek 54.1 km South of Tamworth Widening of three span reinforced concrete bridge	Department	2	88			88
9	Tamworth	Bridge over Barnes Gully 0.9 km South of Tamworth Widening of Bridge	Department	2	126,510			126,510
9	Tamworth	Bridge over Goonoo Goonoo Creek Widening of bridge	Department	2	84,339			84,339
9	Tamworth	Goonoo Goonoo Creek and Barnes Gully Bridges Barnes Gully Bridges/Recon and Widen approaches and intersection	Department	2	135,093			135,093
9	Tamworth	Deviation at Barnes Gully Public Utility adjustment	Department	2	31,014			31,014
9	Tamworth	Molesworth St to Petre St Tenterfield Reconstruction and bituminous surfacing	Council	2	1,695			1,695
9	Tenterfield	Browns Creek 9.0 km North of Tenterfield Prestressed concrete bridge	Department	2	30,858			30,858
9	Tenterfield	44.3 km to 46.5 km North of Glen Innes Pavement strengthening and widening	Department	2	499,348			499,348

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0023

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
9	Tenterfield	83.04 km to 88.33 km North of Glen Innes Reconstruction, widening and climbing lanes	Department	2	551,271			551,271
9	Tenterfield	7.73 to 8.9 km North of Tenterfield Approaches	Department	2	248,911			248,911
9	Uralla	Bridge over Uralla Creek 89.24 km to 89.94 km North of Tamworth Approaches	Department	2	178,786			178,786
9	Uralla	90.0 km to 94.84 km North of Tamworth Deviation	Department	2	762,002			762,002
9	Uralla	Uralla Creek Bridge St Uralla Reinforced concrete box culvert	Department	2	146,083			146,083
9	Uralla	Rocky Creek 90.41 km North of Tamworth Reinforced box culvert	Department	2	6,622-			6,622-
TOTAL 9								8,433,382
10	Ballina	7.2 km to 9.0 km North of Ballina strengthening and bituminous surfacing	Department	1		22,123	3,713	25,836
10	Ballina	114.3 km to 117.0 km North of Grafton Replacement of timber culverts with concrete box culverts	Department	1		157	26	183
10	Ballina	119 km to 128 km North of Grafton Reconstruction and strengthen failed and deformed pavement	Department	1		230,298	38,648	268,946
10	Ballina	Bridge over Richmond River at Wardell Strengthening and reconstruction of fender system	Department	1	39,688		55,507	95,195
10	Bellingen	McGraths Creek 25.74 km North of Macksville Reinforced concrete box culvert	Department	1	11,053		15,459	26,512
10	Bellingen	95.65 km to 96.55 km North of Kempsey Pavement strengthening and climbing lane	Department	1		854	143	997
10	Bellingen	Bridge over McGraths Creek 80.72 km to 81.3 km North of Kempsey Approaches	Department	1	38,290		53,552	91,842
10	Bellingen	82.43 km to 83.53 km North of Kempsey Additional Lane	Department	1	37,004		51,752	88,756

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0024

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Byron	Skidders Creek 23 km North of Ballina Reinforced Concrete Box Culvert & Approaches	Department	1		252	42	294
10	Byron	Bridge over Brunswick River 21.0 km North of Bangalow Approaches	Department	1		2,882-	484-	3,366-
10	Byron	52.8 to 54.9 km North of Ballina between Billinudgel and Yelgun Reconstruction & Bituminous Surfacing	Department	1		9,930	1,666	11,596
10	Byron	37.0 km North of Ballina-Tyagarah Swamp Drain Bridge Supply, Fabrication & Delivery to Site of Steel Girders	Department	1	72,666		101,628	174,294
10	Byron	37.8 km North of Ballina Approaches to New Overbridge at Tyagarah	Department	1	41,826		58,496	100,322
10	Byron	35.7 to 37.6 km North of Ballina Deviation to provide for a Railway Overbridge at Tyagarah	Department	1	218		305	523
10	Byron	63.5 km to 64.2 km North of Ballina Reconstruction & Strengthening Failed & Deformed Pavement	Department	1	104,722		146,461	251,183
10	Byron	25.36 to 25.56 km North of Ballina Pavement Strengthening	Department	1	1,775		2,482	4,257
10	Byron	Everitt's Creek - 42.2 km North of Ballina Reinforced Concrete Box Culvert	Department	1	35,959		50,291	86,250
10	Byron	28.74 km to 31 km North of Ballina Reconstruction North of Bangalow to McLeods Shoot	Department	1		370,123	62,114	432,237
10	Byron	51.3 km to 52.6 km North of Ballina Reconstruction & Bituminous Surfacing	Department	1		116,057	19,477	135,534
10	Byron	26.9 to 28.74 km North of Ballina Reconstruction North of Bangalow to McLeods Shoot	Department	1	218,368		305,401	523,769
10	Coffs Harbour	Double Crossing Creek 23.40 km North of Coffs Harbour Prestressed Concrete Bridge	Department	1	113,000		158,038	271,038
10	Coffs Harbour	Englands Rd & Pacific Highway Coffs Harbour Improvements to Intersection	Council	1		14,974	2,513	17,487
10	Coffs Harbour	108.8 km to 108.9 km North of Kempsey Approaches to South Boambee Flood Channel	Department	1		18,779	3,151	21,930

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0025

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Coffs Harbour	56.4 km to 60.78 km North of Coffs Harbour Widening/Bituminous Surfacing/Northbound Overtaking Lane	Department	1	113,230		158,359	271,589
10	Coffs Harbour	19.3 to 24.1 km North of Coffs Harbour Reconstruction & Bituminous Surfacing including 2km Deviation	Department	1	143,306		200,422	343,728
10	Coffs Harbour	106.5 km to 106.95 km North of Kempsey Reconstruction & Impr. to Junction with MR 540	Department	1	43,792		61,247	105,039
10	Coffs Harbour	129.8 km North of Kempsey Resurfacing with Asphaltic Concrete	Department	1		51,341	8,616	59,957
10	Gosford	Cheero Point 52.6 km North of Sydney Restoration of Slip	Department	1	7,306		10,217	17,523
10	Gosford	87.9 km to 89.5 km North of Sydney Asphaltic Concrete Resurfacing & Strengthening	Department	2		165,276	27,736	193,012
10	Gosford	6.9 km to 7.0 km South of Gosford Improvement of Junction with MR 225	Department	2	87,865		122,884	210,749
10	Great Lakes	110.7 km to 112.5 km North of Newcastle Low Speed Lane	Department	1	29,022		40,589	69,611
10	Great Lakes	104.2 km to 106.4 km North of Newcastle Reconstruction & Widening	Department	1	281,558		393,777	675,335
10	Great Lakes	Bridge over Traynors Ck 3.4 km North of Bulahdelah Approaches	Department	1		25,072	4,207	29,279
10	Hastings	55.3 km to 55.9 km North of Taree Widening Formation & Reconstruction of Distressed Pavement	Department	1		39	7	46
10	Hastings	92.5 km to 100.5 km North of Taree (Wilson River to Barries Ck) Deviation	Department	1	1,282		1,794	3,076
10	Hornsby	Yirra Rd, Mt. Colah Right Turning Bay	Department	6		23-	66-	89-
10	Hornsby	College Crescent to Cam St, Waitara Reconstruction of damaged Pavement	Department	6	43,314		12,583	55,897
10	Hornsby	5.6 km to 5.8 km North of Hornsby Right Turn Bays	Department	6		23,162	65,415	88,577

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0026

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST. AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Kempsey	Various Locations from Frederickton to Smithtown turnoff						
		Reconstruction of Distressed Pavements	Department	1	93		130	223
10	Kempsey	Nambucca Heads 63.7 km to 68.93 km North of Kempsey Deviation	Department	1	355,239		496,825	852,064
10	Kempsey	SH 10 & Second Lane 2.62 km North of Kempsey Channelisation	Department	1		116,178	19,497	135,675
10	Ku-ring-gai	Ryde Rd to Bridge St Gordon Additional Lane to Provide Right Turn Lanes	Department	6		1,766	4,986	6,752
10	Lake Macquarie	143.2 km to 144.1 km North of Sydney Extension of Dual Carriageways	Department	6		170,896		170,896
10	Lake Macquarie	153.8 to 160 km North of Sydney - Charlestown By-Pass (Eastern) Two Lane Carriageways	Department	6		4,029	676	4,705
10	Lake Macquarie	155.1 km to 156.3 km North of Sydney Divided Carriageways	Department	6		182,307	30,595	212,902
10	Lake Macquarie	12.6 km to 13.7 km South of Newcastle Dual Carriageway	Department	6		854	143	997
10	Lake Macquarie	156.3 km to 156.9 km North of Sydney Reconstruction of Intersection	Department	6		27,009	4,533	31,542
10	Lake Macquarie	141.1 to 143.4 km North of Sydney - Swansea Bdge & Soldiers Rd Pavement Widening & Dual Carriageway	Department	6		210,543	35,333	245,876
10	Lake Macquarie	143.4 km to 144.1 km from Sydney (Dockers St to Swansea Bridge) Extension of Dual Carriageways	Department	6		197,773	33,190	230,963
10	Lake Macquarie	150.3 to 151.2 km North of Sydney Reconstruction & Widening	Department	6		87,131	14,622	101,753
10	Lane Cove	Junction of Longueville Rd with SH10 Lane Cove Channelisation	Department	6	159,415		46,312	205,727
10	Maclean	36.0 km to 44 km North of Grafton Pavement Strengthening	Department	1	102		144	246
10	Maclean	55 km to 59.6 km North of Grafton-From Dip Rd to Mororo Bridge Reconstruction & Bituminous Surfacing	Department	1	16,282		22,771	39,053

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0027

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Maclean	66.61 km to 69.6 km North of Grafton Reconstruction & Realignment to provide Flood Free Route	Department	1	4		5	9
10	Manning	31.1 km North of Taree Establishment of Roadside Rest Area	Department	1	6,289		8,795	15,084
10	Manning	161.9 km to 163.5 km North of Newcastle Climbing Lanes	Department	1	269,520		376,943	646,463
10	Manning	167.7 km to 169.8 km North of Newcastle Reconstruction & Widening from TR 90 to Manning River	Department	1	69,000		96,501	165,501
10	Manning	39.4 km to 39.6 km North of Taree - Passionfruit Ck Reconstruction Approaches & Widening of Culvert	Department	1		13,321	2,235	15,556
10	Manning	150.2 to 154.7 km North of Newcastle Strengthening & Widening Pavement	Department	1		237,247	39,814	277,061
10	Manning	141.5 km to 143.5 km North of Newcastle Reconstruction of Distressed Pavement	Department	1	181,714		254,140	435,854
10	Manning	24.8 km to 28.8 km South of Taree Reconstruction of Distressed Pavement	Department	1		289,657	48,610	338,267
10	Manning	Unnamed Creek 27.62 km South of Taree Widening of Reinforced Concrete Box Culvert	Department	1	10,936		15,295	26,231
10	Manning	Over Pipe Clay Creek 25.74 km North of Taree Widening of Reinforced Concrete Box Culvert	Department	1	6,310		8,826	15,136
10	Nambucca	74.5 km North of Kempsey - Bridge over Deep Creek Widening of Bridge	Department	1	21,528		30,109	51,637
10	Nambucca	39.1 to 43.4 km North of Kempsey Climbing Lane North of Allomera Creek	Department	1	66,306		92,733	159,039
10	Nambucca	64.8 km to 68 km North of Kempsey - Various Locations Reconstruction of Distressed Pavement	Department	1	663		927	1,590
10	Nambucca	33.4 km to 37.9 km North of Kempsey Reconstruction of Distressed Pavement	Department	1	24,516		34,287	58,803
10	Nambucca	47.1 km to 47.33 km North of Kempsey - Warrell Ck Approaches to Railway Underpass - Realignment & Lowering	Department	1		148,086	24,851	172,937
10	Newcastle	Scenic Rd to Hugh St, Merewether Reconstruction of Failed Section	Council	6		21,574-	3,620-	25,194-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0028

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Newcastle	Between Lake Macquarie Boundary & Scenic Rd Adamstown Reconstruction of Failed Sections	Council	6		64,175	10,770	74,945
10	Newcastle	0.96 km West of Wallsend Rd (SH 23) to Iron Bark Creek Sandgate Decelerating Lane	Council	6		14,748	2,475	17,223
10	Newcastle	Between Tudor St. & Denison St., Hamilton Reconstruction of Pavement	Council	6		32,088	5,385	37,473
10	Newcastle	Intersection with Gun Club Rd, Merewether Median Storage Bays	Council	6		69,524	11,667	81,191
10	Newcastle	0.96 km West of Wallsend Rd (SH 23) to Iron Bark Creek Sangate Medians & Turning Lane	Council	6		37,436	6,282	43,718
10	Newcastle	12.6 km to 16.4 km North of Newcastle Pavement Strengthening	Department	6		292,011	49,005	341,016
10	North Sydney	Hume St to Albany St Crows Nest Strengthening of Pavement on Both Carriageways	Department	6		3,877	10,950	14,827
10	North Sydney	McLaren Street to Alexander St Crows Nest Strengthen Pavement on Both Carriageways	Department	6		9,694	27,377	37,071
10	Port Stephens	106.4 km to 110.7 km North of Newcastle Pavement Strengthening	Department	6		46,597-	7,820-	54,417-
10	Port Stephens	10 km North of Bulahdelah Establishment of Rest Area	Department	2		5,922	994	6,916
10	Richmond River	100.4 km to 102.6 km North of Grafton Reconstruction & Strengthening Failed & Deformed Pavement	Department	1	6,793		9,500	16,293
10	Taree	Railway Overbridge 2.4 km North of Taree Widening of Railway Overbridge	Council	1		7,291-	1,223-	8,514-
10	Taree	Stitt's Creek 2.09 km South of Taree Widening of Reinforced Concrete Bridge	Department	1	38,274		53,528	91,802
10	Taree	Cubba Cubba Creek 1.13 km South of Taree Widening of Reinforced Concrete Bridge	Department	1	46,117		64,498	110,615
10	Taree	Browns Creek Bridge to Oxley St Taree Reconstruction & Widening	Council	1		50,417	8,461	58,878
10	Taree	0.28 km to 0.7 km North of Taree - Macquarie St to Browns Creek Reconstruction & Bituminous Surfacing	Council	1	34,714		48,550	83,264

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0029

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Taree	Browns Creek Victoria St Taree Prestressed Concrete Bridge	Council	1		8,165-	1,370-	9,535-
10	Tweed	Condong Village Strengthening & Bitumen Surfacing	Department	1		3,339		3,339
10	Tweed	16.6 km to 19.5 km North of Murwillumbah Restoration of Southbound Carriageway	Department	1		7,708	1,294	9,002
10	Tweed	Condong Village 4.1 km to 6.9 km North of Murwillumbah Deviation	Department	1	179,759		251,405	431,164
10	Tweed	Alma St Intersection Murwillumbah Channelisation of Intersection	Department	1	6,571		9,189	15,760
10	Tweed	61.85 km to 62.54 km North of Ballina Strengthening & Bituminous Surfacing	Department	1		2,197	369	2,566
10	Tweed	77.0 km to 78.2 km North of Ballina Pavement Strengthening & Bituminous Surfacing	Department	1	84,699		118,457	203,156
10	Ulmarra	40.4 to 43.6 km North of Coffs Harbour Reconstruction & Bituminous Surfacing Cassons Ck to Dirty Ck	Department	1	108,849		152,232	261,081
10	Ulmarra	Bridge over Swan Creek - 3.96 km to 6.28 km North of Grafton Approaches	Department	1		49,292	8,272	57,564
10	Ulmarra	20.5 km to 64.3 km North of Grafton Reconstruction & Bituminous Surfacing	Department	1		200,719	33,684	234,403
10	Ulmarra	63.0 to 65.28 km North of Coffs Harbour Pavement Widening & Strengthening	Department	1	1,282		1,793	3,075
10	Ulmarra	70.8 km to 72.59 km North of Coffs Harbour Pavement Widening & Strengthening	Department	1	123,591		172,850	296,441
10	Ulmarra	66.18 to 67.76 km North of Coffs Harbour Additional Lane for Northbound Traffic	Department	1	83,361		116,585	199,946
10	Ulmarra	34.25 km to 36.45 km North of Coffs Harbour Deviation in Approaches to Corindi Creek Bridge	Department	1	24,085		33,684	57,769
10	Ulmarra	4 km to 7.4 km & 12.4 km to 12.6 km North of Grafton Replacement of Damaged Concrete Slabs	Department	1	61,109		85,464	146,573
10	Ulmarra	Corindi Creek 36.7 km North of Coffs Harbour Prestressed Concrete Bridge	Department	1	18,313		25,612	43,925

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0030

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
10	Willoughby	Intersection Pacific Highway & Mowbray Rd Chatswood Right Turn Lane	Department	6	413,457		120,114	533,571
10	Wyong	107.58 km to 108.0 km North of Sydney Turning Lanes at Junction with Minnesota Rd	Department	1		14,020	2,353	16,373
10	Wyong	10.5 km to 11.3 km North of Gosford Reconstruction & Bituminous Surfacing	Department	1		61,867	10,382	72,249
10	Wyong	Bridge over Kangy Angy Creek 16.6 km North of Gosford Approaches	Department	1	34,591			34,591
10	Wyong	13.71 to 14.83 km North of Gosford (94.5 to 95.7 from Sydney) Reconstruction & Bituminous Surfacing	Department	1	15,662			15,662
10	Wyong	Wallarrah Hill 34.1 km to 36.2 km North of Gosford Slow Vehicle Lane	Department	1	6,409			6,409
10	Wyong	Johnson Rd Tuggerah 20.0 km North of Gosford Passing Lane	Department	1	63,756			63,756
10	Wyong	117.34 km to 125.83 km North of Sydney Dual Carriageway	Department	1	776,200			776,200
10	Wyong	109.66 km to 111.0 km North of Sydney Low Speed Lane (Inc. Reconstruction Kanwal to MR 509)	Department	1	490,625			490,625
10	Wyong	96.5 km to 97.0 km North of Sydney (Goldies Corner, Kangy Angy) Reconstruction & Widening	Department	1	683			683
10	Wyong	125.8 km to 139.32 km North of Sydney Dual Carriageway	Department	1	184,707			184,707
TOTAL 10								14,445,648
11	Coonabarabran	Bridge over Cox's River 38.49 km to 38.98 km from Gunnedah Approaches	Department	2		1,647	276	1,923
11	Coonabarabran	2.57 km to 16.0 km East of Coonabarabran Widening of Shoulders on Selected Lengths	Department	2		2,471	415	2,886
11	Coonabarabran	54.71 km to 61.1 km East of C'bran (46.2 to 52.6 from Gunnedah) Reconstruction & Bituminous Surfacing	Department	2	310,750		434,604	745,354
11	Coonabarabran	22.7 km to 24.1 km South of Coonabarabran Pavement Strengthening	Department	1	3,243		4,537	7,780

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0031

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
11	Coonabarabran	61.14 km to 67.32 km East of Coonabarabran Reconstruction & Realignment	Department	2	6,219		8,698	14,917
11	Gunnedah	62.7 km to 71.1 km West of Tamworth Strengthening & Widening of Pavement	Council	2	44,786		62,636	107,422
11	Gunnedah	68.8 km to 70.3 km West of Tamworth Strengthening & Widening of Pavement	Council	2	28,225		39,476	67,701
11	Gunnedah	32.0 to 37.8 km West of Gunnedah Strengthen & Widening of Rd on existing alignment	Department	2	53,039		74,177	127,216
11	Hastings	6.5 to 9.3 km West of Port Macquarie Reconstruction of Distressed Pavement	Department	3	241,360		337,557	578,917
11	Hastings	Level Crossing at Wauchope 20.0 km West of Port Macquarie Installation of Type "F" Flashing Lights & Half Boom Gates	Department	2	23,418		32,752	56,170
11	Liverpool Plains	0.8 km West of Carroll Reinforced Concrete Box Culvert	Council	2		36,794	6,175	42,969
11	Liverpool Plains	50.7 km to 56.9 km West of Tamworth Reconstruction & Widening	Council	2	680		952	1,632
11	Liverpool Plains	60 km to 62.15 km West of Tamworth Strengthening & Widening	Council	2		10,337-	1,735-	12,072-
11	Liverpool Plains	73.4 km to 74.5 km West of Tamworth Strengthening & Widening	Council	2		23,700	3,977	27,677
11	Liverpool Plains	55.15 km to 57.15 km West of Tamworth Strengthening & Widening of Pavement	Council	2		54,550	9,154	63,704
11	Parry	31.5 km to 37.0 km West of Tamworth Reconstruction including Approaches to Bridge Structures	Council	2	54,420		76,110	130,530
11	Parry	Bridge over Bective Creek 25.98 km West of Tamworth Approaches	Council	2		24,387	4,093	28,480
11	Parry	15.28 km to 17.65 km West of Tamworth Widening of Shoulder	Council	2		41,714	7,000	48,714
11	Parry	Onus Ck 35.6 km West of Tamworth Reinforced Concrete Box Culvert	Council	2	10,415		14,567	24,982
11	Port Macquarie	Kooloonbung Creek Port Macquarie Prestressed Concrete Bridge	Council	3	46,869		65,549	112,418

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0032

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
11	Port Macquarie	Kooloonbung Creek, Port Macquarie Approaches	Council	3	11,636		16,274	27,910
11	Walcha	58.4 km to 61 km West of Wauchope - Various Locations Restoration Following Landslides	Department	2	39,854		55,738	95,592
11	Walcha	1.6 to 3.2 km West of Walcha Reconstruction & Bituminous Surfacing	Department	2	39,011		54,560	93,571
11	Walcha	112.8 km to 154.9 km West of Wauchope Various Locations Reconstruction of Distressed Pavement	Department	2	59,220		82,823	142,043
11	Walcha	112.8 km to 154.9 km West of Wauchope - Various Locations Reconstruction of Distressed Pavement	Department	2		40,035		40,035
11	Warren	39.9 km to 49.09 km West of Gilgandra Heavy Patching & Pavement Strengthening	Department	2	12,844		17,964	30,808
TOTAL 11								2,609,279
12	Boomi	Unnamed Creek 59.9 km West of Moree Reinforced Concrete Box Culvert	Department	2		20,255-	3,399-	23,654-
12	Boomi	74.06 km to 80.5 km West of Moree Reconstruction & Bituminous Surfacing	Department	2	182,794		255,650	438,444
12	Boomi	Bridge over Black Gully 98.8 km West of Moree Approaches	Department	2	15,766		22,049	37,815
12	Boomi	64.8 km to 66.4 km West of Moree Reconstruction & Bituminous Surfacing	Department	2		345,982	58,062	404,044
12	Boomi	59.55 km to 64.4 km West of Moree Reconstruction & Bituminous Surfacing	Department	2		16,726	2,807	19,533
12	Glen Innes	1.37 km to 5.22 km East of Glen Innes Reconstruction of Existing Pavement	Council	2	52,077		72,832	124,909
12	Grafton	2.6 to 4.8 km West of Grafton Widening to 6.7 M & Strengthening Pavement	Department	2	16,704		23,362	40,066
12	Inverell	10.3 km to 11.2 km & 25.8 km to 27 km East of Inverell Strengthen & Widening of Existing Pavement	Council	2	36,256		50,706	86,962
12	Inverell	24.2 km to 25.6 km West of Inverell Strengthening & Widening of Pavement	Council	2	10,415		14,567	24,982
12	MacIntyre	16.35 km to 17 km East of Inverell Strengthening & Widening of Pavement	Council	2	19,268		26,948	46,216

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0033

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
12	Moree	Between Edward & Boundary St, Moree Strengthening of Existing Pavement	Council	2	24,007		33,576	57,583
12	Nymboida	22.4 km West of Grafton Removal of Slip & Restoration of Pavement	Department	2		267,005	44,808	311,813
12	Severn	Selected Lengths 78.0 km to 87.0 km East of Glen Innes Replacement of Guard Fencing	Department	2	2,896		4,050	6,946
12	Severn	16.8 km to 17.8 km & 37.4 km to 38.8 km East of Glen Innes Pavement Strengthening & Widening	Department	2		2,271	381	2,652
12	Severn	146.6 to 152.5 km North of Grafton - 5.7 to 11.5 km East of Glen Innes Widening & Strengthening	Department	2	63,916		89,391	153,307
12	Severn	7.73 km to 9.25 km West of Glen Innes Reconstruction of Existing Pavement	Council	2	10,415		14,567	24,982
12	Yallaroi	43.68 to 49.63 km West of Inverell Widening of Existing Pavement	Council	2		10,696	1,795	12,491
12	Yallaroi	37.4 km to 41.4 km West of Warialda Strengthening & Widening	Council	2	15,968		22,333	38,301
12	Yallaroi	Bridge over Unnamed Creek - 2.51 km East of Warialda Widening - Construction	Council	2	10,624		14,857	25,481
TOTAL 12								1,832,873
13	Bankstown	Villawood Rd Opposite Llewellyn Ave Villawood Relocation of Junction	Department	6		223-	631-	854-
13	Hornsby	Pearces Corner to Kenley St, Normanhurst Reconstruction of North Bound Lane	Department	6	119,176		34,621	153,797
13	Parramatta	Marsden Rd to Carlingford Rd Carlingford Six Lane Carriageway including Channelised Intersections	Department	6	249,989		72,625	322,614
TOTAL 13								475,557
14	Balranald	Murrumbidgee River at Balranald Steel & Concrete Bridge	Department	1		2,317	389	2,706
14	Balranald	0 km to 3.0 km East of Euston Reconstruction & Replacement of Irrigation Culvert	Department	1	14,225		19,894	34,119

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0034

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
14	Balranald	SH No. 14 & TR 67 Balranald Improvement to Intersection	Department	1		26,037	4,370	30,407
14	Kyeamba	Kyeamba Creek 14.0 km East of Wagga Wagga Prestressed Concrete Bridge	Department	1	21,331		29,832	51,163
14	Kyeamba	Kyeamba Creek Flood Channel 13.4 km East of Wagga Wagga Reinforced Concrete Bridge	Department	1	96,094		134,394	230,488
14	Kyeamba	49.5 km to 60.6 km West of Gundagai Reconstruction & Bituminous Surfacing	Department	1		20,924-	3,512-	24,436-
14	Kyeamba	Kyeamba Creek Bridge 14 km East of Wagga Wagga Approaches	Department	1	148,128		207,166	355,294
14	Kyeamba	70.8 km to 81.9 km West of Tumut Reconstruction & Bituminous Surfacing	Department	1	147,073		205,692	352,765
14	Mitchell	51 km to 51.7 km West of Wagga Wagga Approaches to New Bridge Replacing Arajoel Causeway	Department	1	65,672		91,848	157,520
14	Narrandera	Gillembah Creek Bridge 94.68 km to 95.48 km West of Wagga Wagga Approaches	Department			77,328	12,977	90,305
14	Wagga Wagga	Edward St, Wagga Wagga Railway Subway	Council	1	164-		228-	392-
14	Wagga Wagga	Edward St, West to Ashmont Ave Wagga Wagga Deviation	Council	1	164		228	392
14	Wagga Wagga	0 km to 1.75 km West of Wagga Wagga Reconstruction & Strengthening of Pavement	Council	1	4,322		6,044	10,366
14	Wakool	28.96 km to 33.80 km East of Balranald Reconstruction & Widening & Bituminous Surfacing	Department	1	171,831		240,318	412,149
14	Wakool	95.01 to 96.7 km West of Hay Reconstruction on Improved Alignment & Widening to 13.4M	Department	1	94,904		132,729	227,633
14	Wakool	86.6 km to 90.3 km West of Hay Reconstruction on Improved Alignment & Widening to 13.4M	Department	1		32,771	5,500	38,271
14	Wakool	81.4 km to 83.4 km West of Hay Reconstruction on Improved Alignment & Widening to 13.4M	Department	1		1,220	205	1,425
14	Wentworth	45.6 to 53.0 km West of Euston Reconstruction & Bituminous Surfacing	Department	1	217,478		304,158	521,636

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0035

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
14	Wentworth	32.5 km to 41.8 km West of Euston Reconstruction & Bituminous Surfacing	Department	1	76,870		107,508	184,378
14	Wentworth	77.0 km to 77.1 km North West of Euston Removal of Timber Bridge 2.9 km East of Mildura	Department	1		45,736	7,675	53,411
14	Wentworth	41.8 km to 45.6 km West of Euston Reconstruction & Deviation	Department	1	8,989		12,571	21,560
TOTAL 14								2,751,160
15	Yass	5.0 km to 29.0 km South of Yass Pavement Strengthening & Drainage Improvement	Department	1	342,421			342,421
TOTAL 15								342,421
16	Ashford	4.83 km to 11.25 km West of Yetman Reconstruction & Bituminous Surfacing	Council	2		105,417	17,691	123,108
16	Boolooroo	102.18 km to 115.3 km West of Bonshaw Deviation 32.4 to 46.6 km West of Yetman	Council	2	36,454		50,982	87,436
16	Casino	1. Hickey Street to Canterbury St 2. Walker St to Hickey St.						
		1. Reconstruction 2. Culvert Crossing	Council	2	3,078		4,304	7,382
16	Casino	25.09 km to 26.09 km West of Lismore Reconstruction & Bituminous Surfacing	Council	2		180	30	210
16	Casino	Johnston St to Canterbury St Casino Reconstruction & Bituminous Surfacing	Council	2		57,197	9,599	66,796
16	Inverell	11.18 km to 15.62 km West of Yetman Reconstruction & Bituminous Surfacing	Council	2		3,423	574	3,997
16	Inverell	1.0 km to 4.83 km West of Yetman Reconstruction & Bituminous Surfacing	Council	2	22,543		31,528	54,071
16	Kyogle	23.0 km to 25.3 km West of Casino Pavement Strengthening	Department	2	31,874		44,578	76,452
16	Kyogle	25.3 km to 26.3 km West of Casino Pavement Strengthening	Department	2	65,124		91,081	156,205
16	Lismore	29.72 km to 33.7 km West of Ballina at Lismore Heights						
		Deviation including Channelised Intersections	Council	2		13,276	2,228	15,504
16	Lismore	8.11 km to 8.36 km West of Lismore Extension of Climbing Lane	Council	2	19,580		27,384	46,964

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0036

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
16	Lismore	24.0 to 25.1 km West of Ballina Deviation & Bituminous Surfacing	Council	2		362,716	60,871	423,587
16	Richmond River	16.18 km to 17.0 km West of Lismore Reconstruction & Bituminous Surfacing	Council	2		46,603	7,821	54,424
16	Richmond River	17.0 km to 17.7 km West of Lismore Reconstruction & Bituminous Surfacing	Council	2		3,667	616	4,283
16	Tenterfield	Level Crossing 5.2 km West of Tenterfield Installation of Flashing Lights & Warning Bells	Department	2		46,103	7,737	53,840
16	Tenterfield	51.5 km to Mole River 57.24 km West of Tenterfield Reconstruction & Bituminous Surfacing	Council	2		6,860	1,151	8,011
16	Tenterfield	14.0 to 17.22 km West of Tenterfield Reconstruction & Bituminous Surfacing	Council	2	3,580		5,006	8,586
16	Tenterfield	11.16 km to 14.0 km West of Tenterfield Strengthening & Widening Existing Pavement	Council	2	444-		620-	1,064-
16	Tenterfield	9.65 km to 11.16 km West of Tenterfield Strengthening & Widening of Pavement	Council	2	19,534		27,321	46,855
TOTAL 16								1,236,647
17	Berrigan	Railway Level Crossing 3.96 km North of Murray River Installation of Street Lighting at Railway Level Crossing	Department	1	1,077		1,506	2,583
17	Berrigan	11.8 km to 13.3 km North of Finley Reconstruction & Widening of Formation	Department	1		187	31	218
17	Boolooroo	0 km to 8.9 km West of Boggabilla Reconstruction & Bituminous Surfacing	Department	1		7,317	1,228	8,545
17	Boolooroo	4.0 km to 46.0 km North of Moree Reconstruction of Existing Failed Pavement Edges	Department	1	44,250		61,887	106,137
17	Dubbo	18 km to 23 km North of Dubbo Widening of Culverts to Full Formation Width	Department	1	9,951		13,918	23,869
17	Dubbo	Medway Creek - 18.5 km North of Dubbo Construction	Department	1		34,984	5,871	40,855
17	Dubbo	Bridge over Barrabadeen Ck 53.0 to 54.0 km from Dubbo Approaches	Department	1	31,912		44,630	76,542
17	Forbes	1.64 km to 2.94 km North of Forbes Widening & Strengthening of Pavement	Council	1	5,728		8,012	13,740

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0037

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
17	Forbes	Railway Level Crossing at Forbes Roadworks Associated with Installation	Council	1	6,249		8,740	14,989
17	Goobang	Barrabadeen Creek 53.8 km North of Parkes Prestressed Concrete Plank Bridge	Department	1	64,808		90,639	155,447
17	Goobang	30.57 km to 33.79 km North of Parkes Reconstruction & Bituminous Surfacing	Department	1	129,643		181,313	310,956
17	Goobang	42.7 km to 47.8 km North of Parkes Widening of Culverts	Department	1		16,778	2,816	19,594
17	Jemalong	3.1 km to 6.53 km North of Forbes Improvement to Alignment	Council	1		19,846-	3,331-	23,177-
17	Jemalong	7.05 to 10.05 km South of Forbes Widening of & Improvement of Pavement	Council	1	78,404		109,653	188,057
17	Jerilderie	27.8 km to 29.2 km North of Finley Reconstruction/Seal/Relocation of Junction with MR 564	Department	1	107,317		150,089	257,406
17	Jerilderie	21.8 km to 26.2 km North of Finley Reconstruction & Bituminous Surfacing	Department	1	16		23	39
17	Jerilderie	14.9 km to 17.5 km North of Finley Reconstruction of Formation/Seal Pavement & shoulder	Department	1	27,058		37,842	64,900
17	Jerilderie	Between 15.1 km & 28.27 km North of Finley - Six Locations Widening of Narrow Irrigation Crossing on Poor Alignment	Department	1		111,479	18,708	130,187
17	Jerilderie	Between 13.3 km & 18.3 km North of Finley - Four Locations Widening of Irrigation Channel Crossings	Department	1	14,780		20,670	35,450
17	Jerilderie	13.3 km to 34.2 km North of Finley Reconstruction & Widening of Formation	Department	1		173,738	29,156	202,894
17	Jerilderie	17.5 to 21.8 km North of Finley Reconstruction & Sealing Shoulders	Department	1	64,676		90,454	155,130
17	Namoi	50.5 km North of Narrabri Rest Area	Department	1	2,460		3,441	5,901
17	Namoi	3.8 km to 4.5 km South of Narrabri Pavement Strengthening	Department	1	41,380		57,872	99,252
17	Namoi	24.6 km to 25.4 km South of Narrabri Pavement Strengthening	Department	1	15,885		22,215	38,100

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0038

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
17	Narrabri	Narrabri Ck & Narrabri Rivulet Bdges 0.24-0.67 km South of Narrabri Approaches	Department	1		15,121	2,537	17,658
17	Narrabri	0.8 to 4.3 km North of Narrabri Doctors Creek to Mulgate Creek Deviation	Department	1	1,304		1,825	3,129
17	Narrabri	Narrabri Creek at Narrabri Prestressed Concrete Girder Bridge	Department	1		4,186	702	4,888
17	Narrabri	Narrabri Rivulet at Narrabri Reinforced Concrete Bridge	Department	1		1,176	197	1,373
17	Narrabri	Eathers Creek 3.2 km South of Narrabri Eight Span Prestressed Concrete Pier Bridge	Department	1	15,250		21,328	36,578
17	Narrandera	Whitton St 0.2 km to 0.4 km South of Narrandera Improvement of Intersection	Department	1	680		951	1,631
17	Parkes	Hartigan Ave to Medlyn St Parkes Reconstruction & Bituminous Surfacing	Department	1		658	110	768
17	Parkes	Clarinda St Parkes Reconstruction & Bituminous Surfacing	Department	1		28,789	4,831	33,620
17	Parkes	Baker St to Hartigan Ave Parkes Reconstruction & Bituminous Surfacing	Council	1		995-	167-	1,162-
17	Timbrebongie	104.9 km to 109.4 km North of Parkes Strengthening & Widening Pavement	Department	1	1,067		1,491	2,558
17	Timbrebongie	68.9 km to 77.5 km North of Parkes Widening of Culverts	Department	1	14,536		20,330	34,866
TOTAL 17								2,063,521
18	Coonamble	44.3 km to 96.1 km North of Gilgandra Heavy Patching of Selected Lengths	Department	2	27,575		38,565	66,140
18	Coonamble	2.9 km to 7.4 km South of Coonamble Reconstruction & Bituminous Surfacing	Department	2		3,881	651	4,532
18	Coonamble	Coonamble to Walgett Restoration of Isolated Sections of Failed Pavement	Department	2	11,018		15,409	26,427
18	Coonamble	1.47 km to 7.6 km South of Coonamble Reconstruction & Pavement Widening	Department	2		120,054	20,147	140,201

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0039

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF STATE \$	FUNDS LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
18	Walgett	108.22 to 113.78 km North of Coonamble Reconstruction and widening together with additional floodways	Department	2	264,813		370,358	635,171
18	Walgett	55.4 km North of Walgett at Warrambool Reconstruction and lowering of floodways	Department	3	72,551		101,468	174,019
18	Walgett	Bridge over Namoi River 0.4 km to 1.6 km North of Walgett Approaches	Department	2	115		161	276
18	Walgett	0.79 km North of Walgett - Bridge over Namoi River Construction	Department	2	95,483		133,539	229,022
18	Walgett	55.84 km North of Walgett - The Big Warrmabool (Watercourse) Prestressed concrete bridge	Department	3	5,325		7,447	12,772
18	Walgett	54.97 km North of Walgett - The Big Warrambool (Watercourse) Prestressed concrete bridge	Department	3	3,703		5,178	8,881
TOTAL 18								1,297,441
19	Bombala	Rock Flat Ck 10.8 km South of Bombala 3 span prestressed concrete bridge	Council	2	36,454		50,982	87,436
19	Bombala	8.7 km to 12.9 km South of Bombala Deviation	Council	2	87,489		122,358	209,847
19	Monaro	Bredbo River at Bredbo Reinforced concrete bridge	Department	2	164,642		230,263	394,905
19	Monaro	Bridge over Bredbo River at Bredbo Fabrication of steel girders	Department	2	7,513		10,506	18,019
19	Monaro	Jacks Gully at Bredbo Reinforced concrete box culvert	Department	2		10,292-	1,727-	12,019-
19	Monaro	44.19 km to 44.83 km South of Cooma Improve drainage and strengthen pavement	Department	2	65,780		91,999	157,779
19	Monaro	38.26 km to 38.56 km South of Cooma Improve drainage and strengthen pavement	Department	2		40,223	6,750	46,973
19	Monaro	78.0 km to 82.0 km South of Canberra Reconstruction and bituminous surfacing	Department	2	383,728		536,669	920,397

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0040

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAAARA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
19	Monaro	82.0 km to 89.0 km South of Canberra Reconstruction and bituminous surfacing	Department	2		67	11	78
19	Monaro	104.3 km to 106.7 km South of Canberra Widening of formation and strengthen pavement	Department	2		45,816	7,689	53,505
TOTAL 19								1,876,920
20	Albury	0.5 km to 8 km West of Albury Strengthen and widening on existing line and grade to 6.8 m	Department	2	32,669		45,689	78,358
20	Berrigan	5.0 km to 6.9 km West of Finley Reconstruction of failed pavement	Department	2	2,677		3,745	6,422
20	Berrigan	1.71 km to 1.73 km West of Finley Widening of irrigation crossing and approaches reconstruction	Department	2		32,088	5,385	37,473
20	Berrigan	Momalong Street to Nangimia St., Berrigan Raise pavement	Council	2	9,851		13,778	23,629
TOTAL 20								145,882
21	Central Darling	32.3 to 52.4 km South of Wilcannia Reconstruction and bituminous surfacing	Department	2	39,485		55,222	94,707
21	Central Darling	2.2 km to 21 km South of Ivanhoe Reconstruction and bituminous surfacing	Department	2	340,211		475,807	816,018
21	Deniliquin	17.2 to 17.7 km North of Deniliquin Reconstruction and Bituminous Surfacing/junction with MR296/widening of irrigation crossings	Department	2		45,457	7,629	53,086
21	Deniliquin	Riverina and Cobb Highways Reconstruction of intersection	Council	2	800-		1,120-	1,920-
21	Murray	0.54 km to 1.35 km North of Victorian Border Reconstruction and bituminous surfacing	Council	2		18,184	3,051	21,235
21	Windouran	Irrigation channel over Box Creek 21.45 km North of Deniliquin Widening of culvert	Department	2	37,236		52,078	89,314
TOTAL 21								1,072,440

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0041

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
23	Lake Macquarie	Griffith Street Charlestown Improvement of intersection	Council	6		5,348-	897-	6,245-
23	Newcastle	Astra Street Sandgate Passing Lane	Council	6		1,284-	215-	1,499-
23	Newcastle	Wimbledon Grove Kotara Heights Passing Lane	Council	6		18,137	3,044	21,181
23	Newcastle	Blue Gum Rd Jesmond Reconstruction and asphaltic concrete surfacing	Council	6		27,181	4,562	31,743
23	Newcastle	Between Vale St and Marton St, Shortland Resheeting and strengthening pavement	Council	6		32,088-	5,385-	37,473-
23	Newcastle	1.5 km in the vicinity of Astra St Widening of pavement	Council	6		38,914	6,531	45,445
TOTAL 23								53,152
24	Kyogle	4.69 to 9.62 km North of Woodenbong Strengthening and widening pavement	Department	2	56,641		79,217	135,858
TOTAL 24								135,858
25	Wingecarribee	Wells and Black Bobs Creeks 58.9 km to 62.83 km West of SH 1 Reconstruction/improve alignment/approaches to bridges	Department	2		7,757	1,302	9,059
25	Wingecarribee	8 to 10.5 km East of Moss Vale and intersection with MR 265. Reconstruction & Bituminous Surfacing	Department	2		1,024	172	1,196
25	Wingecarribee	62.8 km to 63.9 km West of SH 1 Reconstruction and bituminous surfacing	Department	2		19,222	3,226	22,448
25	Wingecarribee	Selected lengths 6.1 km to 28.6 km East of Moss Vale Heavy Patching	Department	2	194,287		271,723	466,010
TOTAL 25								498,713
26	Gosford	74.3 km to 75.3 km North of Sydney Southbound climbing lane	Department	1	363,471			363,471

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0042

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
STATE HIGHWAYS (CONT'D)								
26	Gosford	82.1 km to 83.9 km North of Sydney Southbound climbing lane	Department	1	375,834			375,834
26	Wyong	98.1 km to 98.9 km North of Sydney Widening to four lanes	Department	1	18,724			18,724
TOTAL 26								758,029
TOTAL STATE HIGHWAYS					43,681,215	11,775,488	24,990,909	80,447,612
TRUNK ROADS								
51	Eurobodalla	20.3 km to 21.4 km West of Batemans Bay Climbing Lanes	Council	2		12,799	2,148	14,947
51	Eurobodalla	34.55 km to 35.85 km West of Batemans Bay Guardrail	Council	2		13,243	2,222	15,465
51	Eurobodalla	34.0 km to 36.0 km West of Batemans Bay Climbing Lane	Council	2		53,479	8,975	62,454
51	Queanbeyan	0.0 km to 2.5 km East of Aust Capital Territory Border Approaches	Council	2	1,549-		2,167-	3,716-
51	Queanbeyan	Part 11 Kendle Ave Eastwards towards Queanbeyan Alternate Route between A.C.T. & Queanbeyan	Council	2	155,850		217,966	373,816
51	Queanbeyan	Queanbeyan River at Queanbeyan 6 Span Steel Girder Bridge	Department	2		94	16	110
51	Tallaganda	0.0 km to 24.0 km West of Braidwood Reconstruction & Bituminous Surfacing	Council	2	30,600		42,797	73,397
51	Tallaganda	27.4 to 35.8 km East to Braidwood Strengthening & Drainage Improvement	Council	2	27		39	66
51	Yarrowlumla	3.2 to 9.7 km & 17.8 to 39 km East of Queanbeyan Formation & Pavement Widening Incl Drainage Improvement	Council	2	52,077		72,832	124,909
TOTAL 51								661,448
52	Goodradigbee	0 km to 4.0 km South of Gundaroo Bridge Reconstruction & Bituminous Surfacing	Council	2		93-	16-	109-
52	Goodradigbee	32.1 to 36.5 km South to Gunning Reconstruction & Bituminous Surfacing	Council	2		3,990-	670-	4,660-

APPENDIX 5.0043

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
52	Gunning	20.5 km to 21.8 km South of Gunning Reconstruction & Bituminous Surfacing	Council	2		1,536-	258-	1,794-
52	Gunning	Bridge at Caroline Ck 16.4 km to 18.2 km South of Gunning Approaches	Council	2	67,718		94,709	162,427
52	Gunning	16.4 km to 29.9 South of Gunning Reconstruction & Bituminous Surfacing	Council	2	20,518		28,696	49,214
52	Gunning	Caroline Ck 17.7 km South of Gunning Reinforced Concrete Box Culvert	Council	2	41,661		58,266	99,927
52	Yarrowlumla	12.2 to 25.2 km North of Queanbeyan Formation & Pavement Widening Incl Drainage Improvement	Council	2	5,208		7,283	12,491
TOTAL 52								317,496
54	Bathurst	Railway Overbridge at Rocket St, Bathurst Approaches	Council	2		11,129-	1,868-	12,997-
54	Bathurst	Bentinck St to Bent St Bathurst Reconstruction & Bituminous Surfacing	Council	2		73-	12-	85-
54	Crookwell	Bindavale Creek Bridge 19.2 km North of Crookwell Approaches	Council	2		3	1	4
54	Crookwell	24.38 km to 26.4 km North of Crookwell Reconstruction & Bituminous Surfacing	Council	2	1,186-		1,658-	2,844-
54	Evans	44.3 km to 47 km North of Bathurst Reconstruction & Bituminous Surfacing	Council	3		27,275	4,577	31,852
54	Evans	49.0 km to 50.6 km South of Bathurst Reconstruction & Bituminous Surfacing	Council	2	15,623		21,850	37,473
54	Mulwaree	Relocation Due to Construction of Pejar Dam Deviation	Department	2		449,229	75,389	524,618
54	Rylstone	10.55 km to 11.84 km West of Ilford Reconstruction & Bituminous Surfacing	Council	3		1,082-	181-	1,263-
54	Rylstone	11.84 km to 12.8 km West of Ilford Reconstruction & Bituminous Surfacing	Council	3	4,306		6,022	10,328
TOTAL 54								587,086

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0044

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
55	Coolah	19.0 km to 25.7 km North of Coolah Reconstruction & Bituminous Surfacing	Council	3	22,925		32,061	54,986
55	Coonabarabran	Bridge over Bomera Creek - 47.5 km to 50.6 km North of Coolah Approaches	Council	3	54,212		75,818	130,030
55	Coonabarabran	Bridge over Bomera Ck, 49.7 km North of Coolah 5 Span Bridge	Council	3	133,164		186,239	319,403
55	Greater Lithgow	12.6 km to 13.4 km North of Lithgow - Wallerawang Power Station Relocation of TR55 to Suit Coal Haul Rd	Department	2		27,427	4,603	32,030
55	Greater Lithgow	14.5 to 19.2 km North of Lithgow Reconstruction & Sealing at Blackmans Flat	Department	2	359-		502-	861-
55	Greater Lithgow	7.25 km to 53.85 km North of Lithgow Heavy Patching	Department	2	70,600		98,738	169,338
55	Liverpool Plains	56.4 km to 58.9 km North of Coolah Reconstruction & Bituminous Surfacing	Council	3	4,687		6,555	11,242
55	Liverpool Plains	58.9 to 61.0 km North of Coolah Reconstruction & Sealing	Council	3	27,080		37,873	64,953
55	Liverpool Plains	Gleesons Creek 24.4 km South of SH11 at Mullaley Reinforced Concrete Box Culvert	Council	3		11,746	1,971	13,717
55	Liverpool Plains	Unnamed Creek 23.87 km South of SH 11 Reinforced Concrete Box Culvert	Council	3		18,570	3,117	21,687
55	Mudgee	Bridge over Cudgegong Creek at Cudgegong Temporary Bridging & Removal of Old Bridge	Council	2	29,036-		40,608-	69,644-
TOTAL 55								746,881
55	Waugoola	Neila Ck 28.18 km South of Cowra Reconstruction of Culvert & Approaches	Council	2	11,457		16,023	27,480
TOTAL 56								27,480
57	Lachlan	3.2 km to 6.4 km North of Tottenham Reconstruction & Bituminous Surfacing	Council	3		5,700	957	6,657
57	Lachlan	Bridge over Wallamundry Creek - 11.5 km South of Condobolin Approaches	Council	3		2,419	406	2,825

APPENDIX 5.0045

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
57	Lachlan	Bathurst St to Lachlan St Condobolin Reconstruction & Bituminous Surfacing	Council	3		1,317-	221-	1,538-
57	Lachlan	11.8 km South of Condobolin at Wallamundry Creek Prestressed Concrete Bridge	Council	3		5,206	874	6,080
57	Temora	1.0 km to 2.0 km North of Temora Reconstruction & Widening	Council	3	20,216		28,272	48,488
TOTAL 57								62,512
61	Cabonne	4.9 to 7.1 km West of Orange Reconstruction & Bituminous Surfacing	Council	2	10,415		14,567	24,982
61	Cabonne	10.1 km to 11.6 km West of Orange Strengthening & Widening of Pavement	Council	2		21,392	3,590	24,982
61	Cabonne	Molong Creek 8.30 km West of Orange Prestressed Concrete Bridge	Council	2	10,415		14,567	24,982
61	Goobang	Bridge over Gunningbland Creek 43.4 km West of Parkes Approaches	Council	3		25,266	4,240	29,506
61	Goobang	5.8 km to 33.1 km East of Parkes Strengthening & Sealing of Failed Pavement	Council	2		16,044	2,692	18,736
61	Lachlan	23.74 km to 29.74 km North of Condobolin Reconstruction & Bituminous Surfacing	Council	3		90,916	15,257	106,173
61	Lachlan	0.37 to 2.37 km North of Condobolin Strengthen Pavement	Council	3		4,412	741	5,153
61	Parkes	Eugowra Rd to Currajong St Parkes Reconstruction & Bituminous Surfacing	Council	2	2,604		3,641	6,245
TOTAL 61								240,759
62	Coolah	Bridge over Talbragar River at Uarbry Approaches	Council	2		67,705	11,362	79,067
62	Merriwa	0 km to 4.74 km West of MR 214 Towards Curryall Reconstruction & Realignment	Council	2		10,846	1,820	12,666
62	Scone	Culvert at Spring Gully - 32.52 km to 33.10 km West of Scone Approaches	Council	3		31,339	5,259	36,598
62	Scone	Spring Gully Bunnan 32.48 km West of Scone Reinforced Concrete Box Culvert	Council	3		40,644	6,821	47,465
TOTAL 62								175,796

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0046

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
63	Barraba	85.31 km to 86.11 km North of Tamworth Reconstruction & Bituminous Surfacing	Council	3		20,430	3,428	23,858
63	Barraba	15.33 km to 17.97 km South of Barraba Restoration of Pavement	Council	3	276-		385-	661-
63	Bingara	23.57 km to 24.57 km North of Bingara Strengthening & Widening Pavement	Council	3	11,483		16,059	27,542
63	Yallaroi	Bridge over Oakley Ck 14 km South of Yetman Approaches	Council	3		1,727	290	2,017
63	Yallaroi	45.6 km to 49.25 km North of Warialda Reconstruction & Bituminous Surfacing	Council	3		2,531	425	2,956
63	Yallaroi	16.26 km to 19.07 km South of Warialda Widening & Strengthening of Pavement	Council	3		5,095-	855-	5,950-
63	Yallaroi	49.16 km North of Warialda at Ottleys Creek 12 Cell Reinforced Concrete Box Culvert	Council	3	15,623		21,850	37,473
TOTAL 63								87,235
65	Byron	Belongil Creek 4.2 km East of SH 10 at Ewingsdale Prestressed Concrete Bridge & Approaches	Council	3		6,597	1,107	7,704
65	Byron	Section 0.13 km to 1.09 km West of Bangalow Reconstruction & Bituminous Surfacing	Council	3		54,897	9,213	64,110
65	Lismore	0.55 km to 1.88 km North of Intersection with SH16 Reconstruction & Bituminous Surfacing	Council	3		16,798	2,819	19,617
TOTAL 65								91,431
66	Central Darling	Bridge over Darling River at Menindee Approaches	Council	3		23,668-	3,972-	27,640-
TOTAL 66								27,640-
67	Balranald	39 km to 41 km North of Balranald Reconstruction & Bituminous surfacing	Council	3		9,162	1,538	10,700
67	Balranald	42.0 to 193.12 km North of Balranald Reconstruction of Gravel Sections	Council	3		69,524	11,667	81,191
67	Balranald	30 km to 32.6 km South of Balranald Widening of Pavement & Sealing	Council	3		35,013	5,876	40,889
67	Balranald	Bridge over Wakool River at Kyalite Approaches	Council	3		21,392	3,590	24,982

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0047

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH.	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROAD (CONT'D)								
67	Wakool	Bridge over Wakool River at Kyalite Approaches	Council	3	10,415		14,567	24,982
TOTAL 67								182,744
68	Bourke	6.02 km to 7.52 km East of Bourke Reconstruction & Bituminous Surfacing	Council	1		32,626	5,475	38,101
68	Central Darling	1.1 km to 1.3 km South of Menindee Reconstruction & Bituminous Surfacing	Council	3		5,348	897	6,245
68	Walgett	Pyms Gully 0.5 km West of Collarenebri Replacement of Flood Damaged Structure	Council	2		11,766	1,974	13,740
68	Wentworth	81.45 km to 83.5 km North of Wentworth Reconstruction & Bituminous Surfacing	Council	3	18,612		26,030	44,642
68	Wentworth	78.3 km to 81.45 km North of Wentworth Reconstruction & Bituminous Surfacing	Council	3	20,352		28,462	48,814
TOTAL 68								151,542
70	Bogan	24.14 km to 26.36 km East of Coolabah Reconstruction & Bituminous Surfacing	Council	3		51,853	8,702	60,555
70	Bogan	12.0 km to 16.1 km from SH 7 towards Gongolgon Reconstruction to Basecourse Level	Council	3		1,240-	208-	1,448-
70	Brewarrina	26.6 km to 30 km North of Brewarrina Reconstruction & Bituminous Surfacing	Council	3		7,353	1,234	8,587
70	Brewarrina	30.0 km to 31.75 km North of Brewarrina Course Gravelling & Primer Sealing	Council	3	45,893		64,184	110,077
TOTAL 70								177,771
72	Gunnedah	Blackjack Creek 1.4 km North of Gunnedah Reinforced Concrete Box Culvert	Council	2	37,247		52,093	89,340
72	Tamarang	Colly Creek 2.51 km North of SH 9 near Willow Tree Reinforced Concrete Bridge & Approaches	Council	2		1,141-	191-	1,332-
72	Tamarang	Bridge over Quipolly Creek 13.70 to 15.25 km North of Quirindi Approaches	Council	2	67,699		94,683	162,382
TOTAL 72								250,390

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0048

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
73	Guyra	19 km to 23 km South of Inverell Reconstruction & Bituminous Surfacing	Council	3	72,751		101,747	174,498
73	Inverell	2.77 km to 3.88 km South of Inverell Reconstruction & Bituminous Surfacing	Council	3	15,623		21,850	37,473
TOTAL 73								211,971
74	Armidale	Douglas St. to Chappel St, Armidale Reconstruction & Bituminous Surfacing	Council	2	11,717		16,388	28,105
74	Dumaresq	76.54 km to 78.63 km East of Armidale Reconstruction & Bituminous Surfacing	Council	2	6,804		9,515	16,319
74	Dumaresq	79.40 km to 82.30 km East of Armidale Reconstruction & Bituminous Surfacing	Council	2	83,843		117,260	201,103
74	Grafton	Bridge over Musk Valley Creek - 4.4 to 4.8 km South of Grafton Approaches	Council	3	31,246		43,699	74,945
74	Grafton	4.08 km to 4.37 km South of Grafton Reconstruction & Widening	Council	3	2,658		3,717	6,375
74	Nymboida	98.9 to 105.8 km South of Grafton Reconstruction & Sealing	Council	3	31,158		43,575	74,733
74	Nymboida	Blaxland Ck 29.8 km South of Grafton Prestressed Concrete Bridge	Council	3	20,831		29,133	49,964
TOTAL 74								451,544
75	Dumaresq	100 km East of Armidale Culvert Replacement	Council	3		2,899	486	3,385
75	Kempsey	55km to 59.5 km West of Kempsey Reconstruction & bituminous surfacing	Council	3	16,123		22,550	38,673
75	Kempsey	Hickey's Creek Bridge 31.8 km West of Kempsey Approaches	Council	3		98,588-	16,545-	115,133-
75	Kempsey	54 km to 55 km West of Kempsey Reconstruction & Bituminous surfacing	Council	3		96,643	16,218	112,861
75	Kempsey	56.8 km to 57.9 km West of Kempsey Reconstruction & bituminous surfacing	Council	3	27,080		37,873	64,953
TOTAL 75								104,739

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0049

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAAARA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
76	Bellingen	17.6 km to 18.1 km North of Bellingen Reconstruction & Alignment Improvement	Council	2	66,645		93,207	159,852
TOTAL 76								159,852
77	Coolah	Bridge over Merrygoen Creek 0 km to 0.8 km South of Mendooran Approaches	Council	3	43,744		61,180	104,924
77	Coolah	Merrygoen Creek at Mendooran Steel & Concrete Bridge	Council	3		756-	127-	883-
77	Coolah	Bridge over Merrygoen Creek 0 km to 0.64 km South of Mendooran Approaches	Council	3	5,208-		7,283-	12,491-
77	Gilgandra	34.5 to 37.6 km East of Gilgandra Reconstruction & Bituminous Surfacing	Council	3	16,664		23,307	39,971
77	Gilgandra	32.3 km to 34.0 km East of Gilgandra Reconstruction & Bituminous Surfacing	Council	3		170	28	198
TOTAL 77								131,719
78	Burrangong	31.63 km to 32.63 km North of Young Reconstruction and Widening	Council	2	2,798		3,913	6,711
78	Burrangong	4.1 km to 9.6 km South of Young Strengthening of Alignment	Council	2		27,102	4,548	31,650
78	Burrangong	39.43 km to 40.97 km North of Young Pavement Strengthening	Council	2	13,019		18,208	31,227
78	Cootamundra	6.35 km to 8.55 km North of Cootamundra Reconstruction & Bituminous Surfacing	Council	2		13,370	2,244	15,614
78	Cootamundra	7.6 to 20.6 km South of Cootamundra Reconstruction & Bituminous Surfacing	Council	2	23,434		32,775	56,209
78	Cootamundra	6.35 km to 8.55 km North of Cootamundra Reconstruction of Pavement	Council	2		20,054	3,366	23,420
78	Culcairn	61.7 km to 63.3 km South of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	2		32,088	5,385	37,473
78	Culcairn	1.0 to 2.5 km South of Culcairn Reconstruction & Bituminous Sealing	Council	2	6,249		8,740	14,989
78	Hume	93.6 km to 94.9 km South of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	2		63,907	10,725	74,632

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0050

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
78	Hume	34.8 km to 36 km North of Albury Reconstruction & Bituminous Surfacing	Council	2		36,565	6,136	42,701
78	Hume	10.6 km to 12.7 km North of Albury Reconstruction & Bituminous Surfacing	Council	2	8,219		11,494	19,713
78	Illabo	23.7 km to 27.7 km North of Junee Reconstruction & Bituminous Surfacing	Council	2		31,352	5,261	36,613
78	Illabo	20.4 to 23.7 km North of Junee Reconstruction & Bituminous Surfacing	Council	2		33,671	5,651	39,322
78	Illabo	Bridge over Houlaghans Ck 20.1 km North of Wagga Wagga Approaches	Council	2	43,223		60,451	103,674
78	Illabo	Bridge over Houlaghans Ck, 20.1 km North of Wagga Wagga 7 Span Prestressed Concrete Bridge	Council	2		165,787	27,822	193,609
78	Junee	1.35 km to 2.87 km West of Junee Reconstruction & Bituminous Surfacing	Council	2		2,577	432	3,009
78	Junee	0.0 km to 0.2 km North of Junee Reconstruction & Bituminous Surfacing	Council	2	8,231		11,511	19,742
78	Lockhart	Bridge over Yerong Creek 1.21 km North of Yerong Creek Approaches	Council	2		2,718	456	3,174
78	Lockhart	44.54 km to 46.30 km South of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	2	40,099		56,081	96,180
78	Mitchell	12.36 km to 15.74 km North of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	2	9,677		13,535	23,212
78	Waugoola	3.1 to 4.45 km South of Cowra Reconstruction & Bituminous Surfacing	Council	2	634		886	1,520
78	Young	0.2 km to 1.3 km South of Young Reconstruction & Bituminous Surfacing	Council	2	172		241	413
TOTAL 78								874,807
80	Leeton	2.36 km to 11.5 km East of Leeton Reconstruction & Bituminous Surfacing	Council	3		15,178	2,547	17,725
80	Leeton	11.5 km to 13.2 km East of Leeton Reconstruction & Bituminous Surfacing	Council	3	49,895		69,780	119,675

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0051

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
TRUNK ROADS (CONT'D)								
80	Narrandera	0.72 km to 1.61 km West of Narrandera Reconstruction & Bituminous Surfacing	Council	3	28,326		39,615	67,941
80	Narrandera	4 km to 5 km West of SH 17 Reconstruction & Bituminous Surfacing	Council	3		3,859	648	4,507
80	Wade	9.92 km to 12.14 km East of Griffith Reconstruction & Bituminous Surfacing	Council	3		12,408	2,082	14,490
80	Wade	1.2 to 2.68 km West of Griffith Reconstruction & Bituminous Surfacing	Council	3	2,222		3,107	5,329
80	Wade	Penfolds Bridge 2.149 km & 2.251 km East of Griffith Approaches	Council	3	16,044		22,439	38,483
TOTAL 80								268,150
82	Newcastle	Between Denison & Lawson Sts Hamilton Dual Carriageways	Council	7		280,233	47,028	327,261
82	Newcastle	Lawson St to Samdon St Hamilton Passing Lane	Council	7		104,833	17,593	122,426
82	Newcastle	Broadmeadow Rd to Chatham Road, Broadmeadow Reconstruction including Bridge over Stormwater Channel	Council	7		8,762	1,470	10,232
TOTAL 82								459,919
83	Casino	1.3 km to 2.1 km North of Casino Reconstruction & Bituminous Surfacing	Council	3	1,094		1,529	2,623
83	Copmanhurst	Two Mile Ck 68.2 km to 69.5 km North of Grafton Approaches	Council	2	7,811		10,925	18,736
83	Copmanhurst	Bridge over Deep Gully 5.0 km to 6.1 km North of Grafton Approaches	Council	2	19,112		26,730	45,842
83	Kyogle	4.8 km to 7.2 km North of Kyogle Reconstruction & Bituminous Surfacing	Council	3	27,080		37,873	64,953
83	Kyogle	30.52 km to 31.36 km North of Casino Reconstruction & Bituminous Surfacing	Council	3		20,847	3,499	24,346
83	Kyogle	7.2 km to 8.7 km North of Kyogle Reconstruction including Approaches to Railway Overbridge	Council	3	17,706		24,763	42,469
83	Kyogle	35.5 km to 38.7 km North of Kyogle Reconstruction & Bituminous Surfacing	Council	3	4,692		6,561	11,253

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0053

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROAD (CONT'D)								
86	Corowa	3.0 km to 5.7 km South of SH 20 Reconstruction & Bituminous Surfacing	Council	3	34,818		48,696	83,514
86	Corowa	0 km to 3 km South of SH 20 Reconstruction & Bituminous Surfacing	Council	3		11,459	1,923	13,382
TOTAL 86								96,896
90	Gloucester	1.4 km to 3.4 km East of Gloucester Reconstruction & Bituminous Surfacing	Council	3		5,900	990	6,890
90	Gloucester	6.3 km to 7.3 km East of Gloucester Reconstruction & Bituminous Surfacing	Council	3	61,990		86,696	148,686
90	Gloucester	Various Locations South of Gloucester Reconstruction of Damaged Pavement	Council	3		2,281	383	2,664
90	Gloucester	3.4 km to 5.5 km East of Gloucester Reconstruction & Bituminous Surfacing	Council	3		147	25	172
90	Great Lakes	39.18 km to 60.24 km South of Taree - Various Locations Reconstruction of Failed Section	Council	3	903		1,262	2,165
TOTAL 90								160,577
91	Bombala	From 25.65 km to 27.18 km East of Bombala Reconstruction	Council	3	31,868		44,569	76,437
91	Bombala	22.65 km to 25.65 km East of Bombala Reconstruction & Bituminous Surfacing	Council	3	35,967		50,303	86,270
91	Imlay	42.7 km to 48.0 km West of Pambula Gravel & Sealing	Council	3	26,038		36,416	62,454
91	Imlay	24.3 km to 26.7 km West of Pambula Reconstruction & Bituminous Surfacing	Council	3		15,287	2,565	17,852
91	Imlay	39.5 to 42.7 km West of Pambula Reconstruction & Bituminous Surfacing	Council	3		47,392	7,953	55,345
91	Imlay	Honeysuckle Creek 25.4 km East of SH 1 Steel Girder Bridge	Council	3		8,841	1,484	10,325
TOTAL 91								308,683
92	Tallaganda	50 km to 52.4 km North of Braidwood Reconstruction & Bituminous Surfacing	Council	3	20,831		29,133	49,964
TOTAL 92								49,964

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0054

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
TRUNK ROAD (CONT'D)								
94	Wakool	71.0 km West of Deniliquin Prestressed Concrete Pier Bridge	Council	2	37,495		52,439	89,934
94	Wakool	Fashams Bridge 69.9 km West of Deniliquin Approaches	Council	2	13,019		18,208	31,227
TOTAL 94								121,161
95	Wollondilly	Allen's Creek 0.8 km East of Wilton Reinforced Concrete Bridge & Approaches	Council	3		58	10	68
95	Wollondilly	Bridge over Nepean River at Maldon Approaches	Department	3	2,880,752			2,880,752
95	Wollondilly	Nepean River at Maldon Prestressed Concrete Girder Bridge	Department	3	1,334,089			1,334,089
95	Wollondilly	Wollondilly Bridge over Nepean River at Maldon Site Preparation Miscellaneous Work at Abutments	Department	3	8			8
95	Wollondilly	Deviation from Wilton to Maldon New Bridge over Nepean River Public Utility Adjustment	Department	3		708	2,000	2,708
95	Wollongong	MR 513 to F6 at Gwynneville Additional Lane to Provide Dual Carriageways	Department	6		1,738,714	291,788	2,030,502
95	Wollongong	Between Binda St & Robson Rd A Connecting Road	Council	6		76,369	12,816	89,185
TOTAL 95								6,337,312
TOTAL TRUNK ROADS					6,555,929	4,224,980	3,985,062	14,765,971
MAIN ROADS								
101	Maitland	9.3 km to 10.3 km North of Maitland Const of Approaches to New Structure over Mindarribba Creek	Council	7		144,395	24,232	168,627
101	Maitland	Mindarribba Ck 9.1 km North of Maitland Prestressed Concrete Bridge	Council	7		69,811	11,716	81,527
TOTAL 101								250,154
105	Scone	41.0 km to 42.5 km North of Scone Reconstruction & Bituminous Surfacing	Council	4	17,252		24,129	41,381
TOTAL 105								41,381

APPENDIX 5.0055

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
106	Nundle	5.55 km to 6.46 km South of Nundle Reconstruction & Bituminous Surfacing	Council	3		13,083	2,196	15,279
106	Nundle	28.5 to 30.5 km South of Nundle Reconstruction & Bituminous Surfacing	Council	3	10,570		14,783	25,353
106	Tamarang	0.0 to 1.0 km East of SH 9 Reconstruction to Sub-Base Level	Council	3		15,352	2,576	17,928
TOTAL		106						58,560
108	Newcastle	Newcastle Stockton Ferry Service Demolition of Former Docks & Mooring Berths	Department	6		12,406	2,082	14,488
108	Port Stephens	55.27 & 56.24 km North of Newcastle Reconstruction & Bituminous Surfacing	Council	6		133,699	22,437	156,136
TOTAL		108						170,624
111	Great Lakes	Bridge over Wallamba River Forster Supply & Fabrication of Tube Caissons	Department	3	50,805		71,054	121,859
111	Great Lakes	Various Lengths 56.4 km to 60.5 km North of Bulahdelah Reconstruction of Failed Pavement	Council	3	3,013		4,213	7,226
111	Great Lakes	Beach St to Middle St Forster Relocation	Council	3		40,640	6,820	47,460
111	Great Lakes	Bridge over Wallamba River between Tuncurry & Forster Strengthening of Substructure Piers 29 to 33	Department	3	243,739		340,886	584,625
111	Manning	7.9 to 9.9 km North of Tuncurry Reconstruction & Sealing to Provide a Flood Free Route	Council	3	78,115		109,248	187,363
TOTAL		111						948,533
112	Hastings	14.65 km to 16.3 km South of SH 11 Reconstruction & Bituminous Surfacing	Council	3		54,517	9,149	63,666
112	Hastings	16.3 km to 20.0 km South of SH 11 Reconstruction & Bituminous Surfacing	Council	3		85,567	14,360	99,927
112	Hastings	13.0 km to 14.65 km South of SH 11 Reconstruction & Bituminous Surfacing	Council	3		4,207	706	4,913
TOTAL		112						168,506

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0056

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
118	Nambucca	18.06 km to 19.38 km North West of Macksville Reconstruction & Bituminous Surfacing	Council	4		37,436	6,282	43,718
	TOTAL	118						43,718
124	Uralla	9.88 km to 11.75 km West of Armidale Reconstruction & Bituminous Surfacing	Council	3	27,601		38,601	66,202
	TOTAL	124						66,202
125	Albury	Culvert over Bungambrawatha Ck at Urana Approaches	Council	3		905-	152-	1,057-
	TOTAL	125						1,057-
126	Quirindi	0.7 km to 1.1 km From TR 72 - Whittaker St, Quirindi Reconstruction of Failed Pavement	Council	3	6,249		8,740	14,989
126	Quirindi	Henry St Level Crossing at Quirindi Flashing Lights & Warning Bells	Council	3	920		1,288	2,208
	TOTAL	126						17,197
127	Namoi	10.4 km to 12.18 km West of Wee Waa Reconstruction & Bituminous Surfacing	Council	3		156	26	182
	TOTAL	127						182
128	Dungog	35.6 km to 36.3 km North of Maitland Reconstruction & Bituminous Surfacing	Council	3	5,208		7,283	12,491
128	Singleton	15.2 km to 16.77 km East of Singleton Reconstruction & Bituminous Surfacing	Council	3		35,964	6,036	42,000
	TOTAL	128						54,491
129	Coonamble	21.7 km to 27.03 km East of Coonamble Reconstruction & Bituminous Surfacing	Council	3		106,959	17,950	124,909
129	Coonamble	Bridge over Nebea Creek 18.3 km East of Coonamble Approaches	Council	3		79,721	13,379	93,100
129	Tamarang	47.3 km to 49.16 km West of Quirindi Reconstruction & Bituminous Surfacing	Council	3		61,295	10,286	71,581
	TOTAL	129						289,590
130	Parry	Bridge over Werris Creek at Werris Creek Approaches	Council	3		13,613	2,284	15,897
	TOTAL	130						15,897

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0057

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
132	Barraba	15.3 km to 17.93 km East of Barraba Reconstruction & Bituminous Surfacing	Council	3		1,500-	252-	1,752-
132	Barraba	17.93 km to 29.79 km East of Barraba Reconstruction & Bituminous Surfacing	Council	3	31,099		43,493	74,592
TOTAL 132								72,840
133	Namoi	0.0 km to 3.46 km East of SH 17 (2.3 to 5.76 km from Narrabri) Reconstruction & Bituminous Surfacing	Council	3	44,265		61,908	106,173
TOTAL 133								106,173
134	Bingara	17.82 km to 20.0 km North of Bingara Reconstruction & Bituminous Surfacing	Council	3		13,905	2,333	16,238
134	Bingara	20 km to 23.98 km North of Bingara Reconstruction & Bituminous Surfacing	Council	3	34,891		48,798	83,689
TOTAL 134								99,927
136	Severn	2.7 km to 11.7 km South of Emmaville Reconstruction & Bituminous Surfacing	Council	3	16,664		23,307	39,971
TOTAL 136								39,971
137	Ashford	31.16 km to 33.00 km North of Ashford Reconstruction & Bituminous Surfacing	Council	3	176		247	423
137	Ashford	Bridge over Waterhole Creek - 19.15 to 19.47 km North of Ashford Approaches	Council	3		6,952	1,167	8,119
137	Ashford	Waterhole Creek 19.3 km North of Ashford Reinforced Concrete Box Culvert	Council	3		2,138	359	2,497
137	Ashford	Myall Creek 18.51 km North of Ashford Prestressed Concrete Bridge	Council	3		3,418	573	3,991
137	Inverell	Bridge over Myall Creek - 17.16 km to 19.15 km North of Ashford Approaches	Council	3	37,495		52,439	89,934
137	Inverell	Section 34.7 to 36.29 km North of Ashford Reconstruction & Bituminous Surfacing	Council	3	7,852		10,981	18,833
137	MacIntyre	Bridge over Swanbrook Creek 5.6 km North of Inverell Approaches	Council	3		7,899	1,326	9,225
TOTAL 137								133,022

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0058

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
139	Hornsby	Lyne Rd. to Carlingford Rd. & Copeland Rd. to Pennant Hills Rd. Asphaltic concrete surfacing.	Council	6		25-	70-	95-
TOTAL 139								95-
142	Kyogle	38.0 km to 41.28 km north of Lismore. Reconstruction & Bituminous Surfacing.	Council	3		8,557	1,436	9,993
142	Lismore	2.5 km to 2.9 km north of Lismore. Reconstruction & Raising Above Flood Level.	Council	3		16,044	2,692	18,736
142	Tweed	29.45 km to 30.62 km south of Murwillumbah. Reconstruction & Bituminous Surfacing.	Council	3	26,038		36,416	62,454
TOTAL 142								91,183
145	Richmond River	9.1 to 10.1 km north of Woodburn. Reconstruction & Sealing.	Council	3	20,831		29,133	49,964
145	Richmond River	0.82 km to 1.27 km west of SH 10. Reconstruction & Bituminous Surfacing.	Council	3		12,747	2,139	14,886
TOTAL 145								64,850
146	Ballina	5.65 km to 6.37 km north west of SH 10. Widening & Strengthening of Existing Pavement.	Council	4		462-	77-	539-
146	Lismore	19.31 km to 20.20 km west of Ballina. Reconstruction & Bituminous Surfacing.	Council	4		18,461	3,098	21,559
TOTAL 146								21,020
150	Copmanhurst	70.81 km to 75.32 km north of Grafton. Reconstruction & Bituminous Surfacing.	Council	3	14,272		19,962	34,234
150	Copmanhurst	Chaselings Gully 19.5 km to 19.9 km north of Grafton. Reconstruction & Bituminous Surfacing.	Council	3	8,856		12,385	21,241
150	Copmanhurst	Chaselings Gully 20.1 km north of Grafton. Reinforced Concrete Box Culvert.	Council	3	35,412		49,526	84,938
TOTAL 150								140,413

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0059

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
151	Coffs Harbour	Coffs Creek 5.6 km west of Coffs Harbour Reinforced Concrete Box Culvert	Council	3		11,800	1,980	13,780
151	Coffs Harbour	Karangie Ck. 13.3 km north of Coffs Harbour Prestressed Concrete Bridge	Council	3	41,661		58,266	99,927
151	Coffs Harbour	Star Creek 67.57 km south of Grafton 3 Cell Reinforced Concrete Box Culvert	Council	3		810	136	946
151	Coffs Harbour	64.16 km to 65.4 km south of Grafton Reconstruction & Bituminous Surfacing	Council	3	46,713		65,330	112,043
151	Coffs Harbour	Bridge over Karangie Creek 73.4 km south of Grafton Approaches	Council	3	19,425		27,166	46,591
	TOTAL	151						273,287
152	Maclean	7 km to 8 km east of Maclean Reconstruction & Bituminous Surfacing	Council	3		1,899	319	2,218
152	Maclean	1.50 km to 3.5 km east of Maclean Reconstruction & Bituminous Surfacing	Council	3	21,989		30,752	52,741
152	Maclean	6 km to 7 km east of Maclean Reconstruction & Bituminous Surfacing	Council	3		640-	107-	747-
	TOTAL	152						54,212
154	Camden	0 km to 3.4 km north of Narellan Reconstruction of Alignment & Narellan Creek Bridge Approaches	Council	6	232,275		67,478	299,753
154	Camden	Narellan Creek 1.6 km north of Narellan Prestressed Concrete Plank Bridge	Council	6		2,659	7,510	10,169
154	Liverpool	Thompsons Creek near Badgerys Creek Rd. Bringelly Prestressed Concrete Bridge	Council	6	325-		94-	419-
154	Liverpool	Bridge over Thompsons Creek 1.6 km north of Bringelly Approaches	Council	6	408,023		118,535	526,558
154	Liverpool	16.83 km to 18.09 km north of Narellan (Luddenham to Bringelly) Reconstruction & Widening	Council	6	5,089		1,479	6,568
154	Liverpool	Bridge over Thompsons Creek 1.6 km north of Bringelly Approaches	Council	6	325-		94-	419-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0060

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
154	Penrith	Maxwell St. to F. No. 4, Orchard Hills Reconstruction of Failed Pavement	Department	6	10,250		2,978	13,228
	TOTAL	154						855,438
155	Penrith	SH 5 to Coreen Ave., Penrith Public Utility Adjustment	Department	7		20,264	57,230	77,494
155	Penrith	Boundary Creek Culvert, Penrith Public Utility Adjustment	Department	7		891	2,517	3,408
155	Penrith	Batt Street to Rodley Ave., Penrith Reconstruction & Widening	Council	7		2,247	6,345	8,592
155	Penrith	New Bridge over Surveyors Creek Approaches	Council	7	154,530		44,893	199,423
155	Penrith	Jamison St. to Batt St., Penrith Reconstruction & Bituminous Surfacing	Council	7	11,165-		3,244-	14,409-
155	Penrith	11.6 km north of SH 5 Two Cell Reinforced Concrete Box Culvert	Council	7		4,208	11,885	16,093
155	Penrith	Mulgoa Rd., Factory Rd. to Spencer St. Kerb & Gutter	Council	7		1,071	3,022	4,093
155	Penrith	Surveyors Ck. 2.41 km south of Penrith Prestressed Concrete Bridge	Council	7	74,714		21,705	96,419
	TOTAL	155						391,113
156	Hornsby	Glen Rd. to Highs Rd. Reconstruction & Widening	Council	6	266		77	343
	TOTAL	156						343
157	Baulkham Hills	From Old Northern Rd. to Pennant St., Castle Hill Reconstruction of Southern Sidestrip	Council	6		5,182	14,636	19,818
	TOTAL	157						19,818
158	Ryde	Illarangi St. to SH No. 13, Eastwood Dual Carriageway	Department	6	460,754		133,854	594,608
	TOTAL	158						594,608

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0061

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
160	Baulkham Hills	Intersection with MR 161, Dural Public Utility Adjustment	Department	7	9,169		2,663	11,832
160	Baulkham Hills	Glenhaven Rd. to Glenorie Heavy Patching at Selected Locations	Council	7		10-	27-	37-
160	Baulkham Hills	MR 161 to Maroota Heavy Patching	Council	7		1-	2-	3-
160	Baulkham Hills	Intersection with Castle St. & Crane Rd., Castle Hill Improvement	Council	6		64-	182-	246-
160	Baulkham Hills	Cross St. to Kerrs Rd., Baulkham Hills Reconstruction & Widening	Council	6		8,213	23,196	31,409
160	Baulkham Hills	Intersection with Galston Rd., Dural Reconstruction of Intersection	Council	7	92,951		27,003	119,954
160	Baulkham Hills	Windsor Rd. to Hill St., Baulkham Hills Reconstruction of Failed Pavement	Council	6		16	46	62
160	Hornsby	Intersection with S.R. No. 2035, Dural Public Utility Adjustment	Department	7		7,286	20,579	27,865
TOTAL 160								190,836
161	Hornsby	1.0 km west of Galston Gorge Repairs to Slip Area	Council	7		2,746	7,755	10,501
161	Hornsby	Selected lengths through Galston Gorge Improvement to Curves	Council	7		4,120	11,636	15,756
161	Hornsby	Ethel St. to Cawthorne St., Hornsby Asphaltic Concrete Surfacing	Council	7		122-	344-	466-
TOTAL 161								25,791
162	Ku-Ring-Gai	Stanley St. & Rosedale Rd. - Intersection Right Turn Storage Bays	Department	6		6,433	18,168	24,601
162	Ku-Ring-Gai	First Rocks Rd. to Forest Way North St. Ives Reconst. 6 Lanes of Formation with 4 Lanes of Carriageway	Department	6		2,253	6,365	8,618
162	Ku-Ring-Gai	Killeaton St. to Kitchener St., St. Ives Public Utility Adjustment	Department	6	14,397		4,183	18,580

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0062

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
162	Ku-ring-gai	Mona Vale Rd between Cowan Rd & Highlands Ave St Ives Public Utility adjustment	Department	6	13,130		3,814	16,944
162	Ku-ring-gai	Highlands Ave to Cowan Rd Pymble Dual Carriageway	Department	6	774,110		224,887	998,997
162	Ku-ring-gai	Killeaton St to Richmond Ave St Ives Dual Carriageway	Department	6	1,135,166		329,778	1,464,944
162	Ku-ring-gai	Highlands Ave to North Shore Rail Gordon Reconstruction to provide connection from Divided carriageway to railway line	Department	6	236,866		68,812	305,678
162	Ryde	Blaxland Rd to Pittwater Rd North Ryde Public Utility Adjustment	Department	6		6,618-	18,689-	25,307-
162	Ryde	Epping Rd to Fontenoy Rd North Ryde Dual Carriageway	Department	6		10,271-	29,009-	39,280-
162	Ryde	Waterloo Rd North Ryde Improvement of intersection	Department	6		23,865	67,397	91,262
162	Ryde	Lane Cove Rd & Goulding Rd North Ryde Channelisation of intersection	Council	6		214-	604-	818-
162	Warringah	Intersection of Tumburra Rd & Mona Vale Rd Right Turn Storage Bay at Tumburra Rd Terry Hills	Department	6		41,351	116,782	158,133
162	Warringah	National Fitness Camp Right Turn Storage Bays	Department	6		19,656	55,514	75,170
TOTAL 162								3,097,522
164	Manly	Condamine St between Kenneth Rd & Campbell Pde Manly Vale Public Utility Adjustment	Department	6	6,449		1,874	8,323
164	Mosman	Pearl Bay Ave to Spit Bridge Strengthening of pavement and correction of crossfall	Department	6	222,246		64,565	286,811
164	North Sydney	Wycombe Rd to Cabramatta Rd Cremorne Junction Reconstruction and widening	Department	6		9,733	27,487	37,220
164	North Sydney	Merlin St to Wycome Rd Neutral Bay Reconstruction & Widening to six lanes	Department	6	179,981		52,287	232,268

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0063

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
164	Warringah	Kenneth Rd to Campbell Parade Manly Vale Public Utility Adjustment	Department	6	22,613		6,569	29,182
164	Warringah	Campbell Parade to Kenneth Rd Manly Vale Dual Carriageway	Council	6	33,594		9,759	43,353
164	Warringah	Old Barrenjoey Rd to Eastbourne Ave Avalon Reconstruction & Widening	Department	6	678,925		197,235	876,160
164	Warringah	Barrenjoey Rd & Bassett St Mona Vale Right Turn Lane	Department	6		5,869	16,574	22,443
TOTAL 164								1,535,760
165	Drummoyne	Iron Cove Bridge on Victoria Rd Restoration and Landscaping	Department	6	25,519		7,413	32,932
165	Parramatta	Intersection of Spurway St & Silverwater Rd, Ermington Improvement of intersection with Spurway St & Silverwater Road	Department	6	2,677-		778-	3,455-
165	Parramatta	Elizabeth St to Church St Parramatta Divided Carriageway	Department	6		391-	1,104-	1,495-
165	Parramatta	Silverwater Rd & Spurway St Ermington Improvement of intersections	Department	6	43,558		12,654	56,212
165	Parramatta	Elizabeth St to Church St Parramatta Divided Carriageway	Department	6	175,864		51,090	226,954
165	Sydney	Intersection with MR595, Pyrmont Intersection improvement	Council	6		125	353	478
165	Sydney	Improvements to intersection with MR595 Saunders Street Pyrmont Public Utility Adjustment	Department	6		5,436	15,352	20,788
TOTAL 165								332,414
166	Lane Cove	Burns Bay Rd to Epping Rd Reconstruction of Double Vehicular Crossing & Kerb & Gutter	Council	6		227	640	867
TOTAL 166								867

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0064

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
167	Bankstown	Access to Hawker De Havilland right Turn Bay	Department	6	43,904		12,754	56,658
167	Canterbury	From Bonds Rd to Salt Pan Creek Punchbowl Turning Storage Bays	Department	6		1,632	4,610	6,242
167	Marrickville	Morton Ave to Pigott St, Dulwich Hill Reconstruction & Asphaltic Surfacing	Council	6	5,209		1,513	6,722
167	Marrickville	Allan Street to Piggott St, Dulwich Hill Reconstruction & Asphaltic concrete surfacing	Council	6		1,000		1,000
TOTAL 167								70,622
168	Hurstville	Forest Rd from Mavis Ave to Forshaw Ave Peakhurst Reconstruction including intersection with Stoney Creek Road	Council	6		41,945	118,460	160,405
168	Hurstville	Collaroy Ave to Pritchard Place Peakhurst Reconstruction & Widening to Six Lanes	Council	6	47,991		13,942	61,933
168	Hurstville	Collaroy Ave to Mavis Ave Peakhurst Dual Carriageway	Council	6		2,120-	5,988-	8,108-
168	Hurstville	Collaroy & Mavis Ave Peakhurst Public Utility Adjustment	Department	6	6,283		1,825	8,108
168	Rockdale	Intersection with Glenfarene St Bexley Public Utility Adjustment	Department	6	29,741		8,640	38,381
TOTAL 168								260,719
169	Rockdale	Queen St to Hinkler St Rockdale Improvement to Drainage Facilities	Council	6		16,519	46,652	63,171
169	Rockdale	Muddy Creek in Bay St - 0.82 km East of SH 1, Rockdale Reinforced concrete box culvert	Department	6		4,558	12,872	17,430
TOTAL 169								80,601
170	Botany	Chelmsford Ave to Fremlin St Banksmeadow Strengthen pavement and improve riding	Department	6		11,725	33,116	44,841
170	Botany	Bunnerong Main Drain - Banksmeadow Single Span PSCP Bridge	Department	6	122,110			122,110

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0065

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
170	Botany	Bunnerong Main Drain Botany Rd Banksmeadow Pile Wall Foundation	Department	6	207			207
170	Botany	Botany Road - Near Beauchamp Rd, Banksmeadow Bridge over Railway - Prestressed concrete steel decked	Department	9	394,368			394,368
170	Botany	Bunnerong Main Drain on Botany Rd Prestressed concrete planks	Department	6	153,349			153,349
170	Botany	Approaches to railway overbridge Six lane carriageway	Department	9	1,906,623			1,906,623
170	Botany	McCauley St to Bumborah Point Rd, Banksmeadow Reconstruction and widening	Department	9	128,082			128,082
170	Randwick	Bumborah Pt Rd to Bunnerong Rd Matraville Botany Rd Extension & Const of Divided Carriageway First Stage	Department	6	67,786		19,692	87,478
TOTAL 170								2,837,058
171	Randwick	Flint St to Beauchamp Rd Hillsdale Six lane divided carriageway	Department	7	21,479		6,240	27,719
TOTAL 171								27,719
172	Woollahra	Bondi Junction By-Pass Vernon St to Adelaide St Viaducts Approaches	Department	6		4,239,737	1,690,000	5,929,737
172	Woollahra	Moncur St Woollahra Curve Improvement	Department	6		4,390	12,401	16,791
TOTAL 172								5,946,528
173	Sydney	Dowling St to Womerah St, Darlinghurst Roadwork associated with approaches to tunnel	Council	6		1,717	4,848	6,565
173	Woollahra	McLean St to Ocean St Edgecliff Widening & Associated work	Department	6	648,862		188,502	837,364
TOTAL 173								843,929

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0066

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
174	Warringah	Mona St to Fermay Ave Bayview Reconstruction and Widening	Council	7	303,301		88,113	391,414
TOTAL 174								
								391,414
177	Campbelltown	Moore St to Oxley St Campbelltown Deviation	Council	6	75,572		21,954	97,526
177	Campbelltown	Bow Bowing Creek at Campbelltown Gabion Retaining walls for culvert	Department	6	71,981		20,911	92,892
177	Campbelltown	Bradbury Ave to Fishers Ghost Creek Reconstruction of failed pavement in Queen Street Campbelltown	Department	6	137,622		39,981	177,603
177	Campbelltown	F5 to Railway Overbridge at Campbelltown Deviation incl approaches to culvert at Bow Bowing Creek	Department	6	1,182,132		343,422	1,525,554
177	Liverpool	38.4 km to 39.9 km South of Sydney Reconstruction of intersection with Glenfield Road at Glenfield	Department	6		17,960	50,721	68,681
177	Liverpool	The Cross Roads Casula Restoration of Failed pavement	Department	6	49,784			49,784
177	Wollondilly	2.4 km to 4.0 km East of Appin Passing Lane	Council	2		53,443	150,934	204,377
177	Wollondilly	22.4 km to 33.8 km North of Wollongong Heavy Patching	Council	2		5,604	15,825	21,429
177	Wollondilly	32.9 km to 33.6 km North of Wollongong Reconstruction and bituminous surfacing	Council	2		24,293	68,606	92,899
177	Wollondilly	Kings Falls Bridge 32.18 km to 33.28 km South of SH. No. 2 Improvement of eastern approach	Council	2		1,402-	3,960-	5,362-
TOTAL 177								
								2,325,383
178	Camden	Somerset St to Queen St Narellan Kerbside Lane including kerb & gutter	Council	6		2,752	7,774	10,526
178	Camden	1 km North of Cobbitty Rd Narellan Public Utility Adjustment	Department	6		1,714	4,842	6,556

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0067

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
178	Camden	Intersection of Northern Rd & Camden Rd Reconstruction	Council	6		6,478	18,295	24,773
178	Camden	Village of Narellan Drainage Construction	Council	6		1,296	3,659	4,955
178	Camden	6.44 km to 8.53 km West of Campbelltown Reconstruction including Intersection with SH 2	Department	6	310,390			310,390
TOTAL 178								357,200
181	Colo	0 km to 1.6 km North of Webbs Creek Ferry, Colo Reconstruction & Bituminous Surfacing	Council	3		5,872	985	6,857
181	Colo	Various Locations from 1.6 km North of Webbs Creek Ferry Reconstruction & Bituminous Surfacing	Council	3	24,414		34,146	58,560
181	Colo	3.85 km to 7.54 km North of Webbs Creek Reconstruction & Bituminous Surfacing	Council	3	7,082		9,906	16,988
181	Colo	Un-named Creek 2.57 km North of St. Albans Replacement of Timber Bridge	Council	3		10,534	1,768	12,302
181	Greater Cessnock	16.17 km to 17.74 km South of Wollombi Reconstruction & Bituminous Surfacing	Council	3		133,699	22,437	156,136
181	Singleton	Masons Gully 37.7 km South of Singleton Culvert	Council	3		37,436	6,282	43,718
TOTAL 181								294,561
183	Botany	Maitland Ave to Isaac Smith St Daceyville Divided Dual Carriageway	Department	6		3,100	8,754	11,854
TOTAL 183								11,854
184	Baulkham Hills	Schofields & Commercial Rds Rouse Hill & Nelson Rd, Box Hill Right Turn Bays	Department	6	22,318		6,483	28,801
184	Baulkham Hills	Intersection with Mile End Rd Rouse Hill Reconstruction of Intersection	Council	6		486	1,372	1,858
184	Blue Mountains	44.17 km to 77.98 km West of Windsor Heavy Patching	Department	2		26,519	74,893	101,412
184	Blue Mountains	44.17 km to 77.98 km West of Windsor Formation Widening & Cable Fencing	Department	2		5,178-	14,624-	19,802-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0068

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
184	Windsor	McGraths Hill Windsor Public Utility Adjustment	Department	6		50	144	194
184	Windsor	Intersection Windsor Rd & McGraths St Windsor Public Utility Adjustment	Department	6	1,019-		296-	1,315-
184	Windsor	East Market St to West Market St Richmond Drainage, Kerb & Gutter & Sidestripe Construction	Council	6		178	504	682
184	Windsor	Paget St to Toxana St Richmond Kerb & Gutter & Drainage	Council	6	19,196		5,577	24,773
184	Windsor	McGraths Hill Windsor Improvements of Intersection	Department	6		50-	144-	194-
184	Windsor	Bridge over South Creek at Bridge St Windsor Widening of Approaches	Department	6	2,607		758	3,365
TOTAL 184								139,774
185	Wollongong	Between Bulli Pass & Stanwell Park - Selected Lengths Heavy Patching/Drainage/Asphaltic Concrete Resheeting	Department	6		40,571	114,579	155,150
185	Wollongong	Hicks Creek at Austinmer Reinforced Concrete Box Culvert	Department	6		6,700	18,921	25,621
TOTAL 185								180,771
186	Wollongong	Allan St to Spring St, Kieraville Reconstruction	Council	6		40,958		40,958
TOTAL 186								40,958
187	MacIntyre	14.3 km to 14.4 km North of Inverell Reinforced Concrete Box Culvert & Approaches	Council	3		3,674	616	4,290
TOTAL 187								4,290
190	Auburn	Leila St Lidcombe to Amy St Regents Park Reconstruction & Widening	Council	6	598,336		173,823	772,159
190	Auburn	Joseph St from The Boulevarde to Lewis St Berala Reconstruction to Six Lanes Divided Carriageway	Council	6	12,830		3,727	16,557
190	Auburn	The Boulevarde to Lewis St Lidcombe near Amy St Widening Narrow Underpass	Department	6	64,696		18,795	83,491
190	Auburn	Amy St to Leila St Berala Public Utility Adjustment	Department	6	15,507		4,505	20,012

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0069

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
190	Auburn	Joseph St near Amy St, Regents Park Widening of Narrow Underpass to Suit Dual Carriageways	Department	6	1,268		368	1,636
190	Bankstown	Lloyd Ave to Boardman St Yagoona Dual Carriageway	Department	6	7,099		2,063	9,162
TOTAL 190								903,017
192	Wingham	Intersection with MR 112 Improvement	Council	3		5,398	906	6,304
TOTAL 192								6,304
198	Kempsey	Rudder & Bissett Streets Kempsey Improvement of Intersection	Council	3		3,586	602	4,188
TOTAL 198								4,188
199	Kogarah	Northcote St to Kendle St Sans Souci (Rocky Pt Road) Drainage Improvements	Department	6	50,390		14,639	65,029
199	Kogarah	Rocky Point Rd at Water St, Sans Souci Improve Superelevation	Department	6		2,118	5,983	8,101
TOTAL 199								73,130
200	Concord	Intersection with Killoola St Rhodes Public Utility Adjustment	Department	6	14,957		4,346	19,303
200	Concord	Junction with Alfred St Rhodes Public Utility Adjustment	Department	6	512		149	661
200	Concord	Intersection with Alfred St, Rhodes Improvement to Intersection	Council	6	54,388		15,801	70,189
200	Ryde	Well St to Ryde Bridge Ryde Amplification of Drainage System	Department	6		253	715	968
TOTAL 200								91,121
202	Warren	15.8 km to 18.00 km North of Warren Widening of Pavement	Council	3		40,092	6,728	46,820
TOTAL 202								46,820
204	Bogan	Belar Creek 12.0 km North of Nyngan Reinforced Concrete Box Culvert	Council	4		48,132	8,077	56,209
TOTAL 204								56,209

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0070

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
206	Dubbo	Intersection with Myall St Dubbo Reconstruction	Council	2	7,897		11,045	18,942
206	Talbragar	10.5 km to 13.5 km North of Dubbo Strengthening & Widening	Council	2	15,709-		21,971-	37,680-
206	Talbragar	13.5 to 16.5 km East of Dubbo Strengthening & Widening	Council	2	25,344		35,444	60,788
	TOTAL	206						42,050
211	Kyeamba	13.27 km to 14.04 km South of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	3	10,936		15,295	26,231
211	Kyeamba	11.8 km to 14.1 km South of Wagga Wagga Reconstruction & Bituminous Surfacing	Council	3	24		34	58
	TOTAL	211						26,289
213	Denman	48.82 to 50.35 km West of Singleton Reconstruction & Bituminous Surfacing	Council	3	43,803		61,262	105,065
213	Denman	12.0 km to 13.38 km West of Jerry Plains Reconstruction & Bituminous Surfacing	Council	3		641-	108-	749-
213	Singleton	Bridge over Hunter River at 17.99 km East of MR 209 Replacement of Concrete Piers	Council	3		42,784	7,180	49,964
	TOTAL	213						154,280
214	Mudgee	0.0 km to 1.13 km North of Goulburn River Reconstruction & Bituminous Surfacing	Council	3	28,121		39,330	67,451
214	Mudgee	36.275 km to 39.0 km North of Mudgee Reconstruction & Bituminous Surfacing	Council	3	15,845		22,160	38,005
	TOTAL	214						105,456
215	Rylstone	25.75 km to 64.05 km North of Rylstone Reconstruction of selected Gravel Sections	Council	3		63,641	10,680	74,321
215	Rylstone	Railway Level Crossing Railway Level Crossing at Rylstone	Council	3		352-	59-	411-
	TOTAL	215						73,910
217	Newcastle	Jubilee Rd to Thomas St Wallsend Deviation	Council	6		16,932	2,841	19,773

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0071

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
217	Wyong	9.32 km to 12.84 km North of SH 10 Reconstruction & Bituminous Surfacing	Council	3	72,907		101,966	174,873
TOTAL 217								194,646
218	Greater Cessnock	Black Creek Bridge Wollombi Rd Cessnock Prestressed Concrete Bridge	Council	7		6,160-	1,034-	7,194-
218	Maitland	1.43 to 1.6 km South of Maitland Surface Correction & Bituminous Surfacing	Council	7		49-	8-	57-
TOTAL 218								7,251-
220	Greater Cessnock	20 km to 22.1 km South of Cessnock Reconstruction & Bituminous Surfacing	Council	7		138,559	23,253	161,812
220	Greater Cessnock	22.1 km to 22.9 km North of Toronto Construction from Bangalow Ck Bridge including Approaches	Council	7		109,586	18,391	127,977
220	Greater Cessnock	23.8 km to 24.51 km South of Cessnock Reconstruction & Bituminous Surfacing	Council	7		2,703	454	3,157
220	Greater Cessnock	Bangalow Creek 21.58 km South of Cessnock Prestressed Concrete Bridge	Council	7		112,307	18,847	131,154
TOTAL 220								424,100
225	Gosford	38.4 km to 43.3 km North of Wisemans Ferry at Greens Pinch Reconstruction & Bituminous Surfacing	Council	3		106,959	17,950	124,909
TOTAL 225								124,909
227	Sutherland	From Princes Highway to Kareena Rd Reconstruction & Widening	Council	6		5,182-	14,636-	19,818-
227	Sutherland	Wandella Rd to Sylvania Rd Miranda Public Utility Adjustment	Department	6	79,256		23,024	102,280
227	Sutherland	SH 1 to Port Hacking Rd Miranda Dual Carriageway	Council	6		19,801	55,922	75,723
TOTAL 227								158,185
232	Booolooroo	11.07 km to 17.07 km North of Moree Reconstruction & Bituminous Surfacing	Council	2		16,044	2,692	18,736

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0072

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
232	Moree	1.0 km to 2.7 km North of Moree Reconstruction & Sealing	Council	2	2,083		2,913	4,996
	TOTAL	232						23,732
233	Cabonne	63.2 km to 67.9 km South of Wellington Reconstruction & Bituminous Surfacing	Council	3		6,697	1,124	7,821
233	Mudgee	35.4 km to 40.1 km West of Gulgong Reconstruction of Selected Failed Areas	Council	3	2,094		2,929	5,023
	TOTAL	233						12,844
234	Cabonne	28.84 km to 31.63 km North of SH 7 Reconstruction & Bituminous Surfacing	Council	3	37,437		52,359	89,796
	TOTAL	234						89,796
237	Cabonne	Grove Creek 46.4 km South-West of Orange Reinforced Concrete Box Culvert	Council	3		3,170	532	3,702
237	Jemalong	31.51 km to 34.11 km North of Grenfell Reconstruction & Bituminous Surfacing	Council	3	36,000		50,349	86,349
	TOTAL	237						90,051
238	Goobang	6.8 to 12.8 km South of Parkes Reconstruction & Sealing	Council	3	15,623		21,850	37,473
238	Goobang	Flagstone Ck 9.75 km South of Parkes Prestressed Concrete Bridge	Council	3	11,501		16,085	27,586
	TOTAL	238						65,059
241	Boorowa	Ryans Creek at Pudman Street, Boorowa Prestressed Concrete Bridge	Council	3		74,200	12,452	86,652
241	Boorowa	New Bridge over Ryan's Ck in Pudman St Boorowa Approaches	Council	3	6,770		9,468	16,238
241	Burrangong	10.96 km to 17.0 km East of Young Reconstruction & Bituminous Surfacing	Council	3	35,097		49,085	84,182
241	Burrangong	Unnamed Ck 14.1 km East of Young Reinforced Concrete Box Culvert	Council	3	27,127		37,938	65,065
241	Young	Clark St to Thornhill St, Young Reconstruction & Bituminous Surfacing	Council	3		354-	59-	413-
	TOTAL	241						251,724

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0073

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
243	Gundagai	24.5 km to 33.5 km West of Gundagai Reconstruction & Sealing	Council	3	7,811		10,925	18,736
	TOTAL	243						18,736
245	Blayney	Nyes Gate Level Crossing Installation of Flashing Lights	Council	3	2,604-		3,641-	6,245-
245	Blayney	Carcoar St to Binstead St Blayney (2.6 km to 3.7 km) Reconstruction & Bituminous Surfacing	Council	3	2,604		3,641	6,245
	TOTAL	245						-
246	Blayney	6.1 km to 7.36 km North of Newbridge Reconstruction & Bituminous Surfacing	Council	4		33,158	5,564	38,722
	TOTAL	246						38,722
248	Boorowa	Gunnary Creek 16.5 km East of Boorowa Prestressed Concrete Bridge	Council	3		671-	113-	784-
248	Boorowa	12.6 km to 17.4 East of Boorowa Reconstruction & Bituminous Surfacing	Council	3	34,891		48,798	83,689
248	Crookwell	14.6 km to 16.9 km West of Crookwell Reconstruction & Bituminous Surfacing	Council	3	53,262		74,491	127,753
	TOTAL	248						210,658
253	Bathurst	3.3 km East of Bathurst at Kelso Railway Overbridge	Council	3	38,914-		54,424-	93,338-
253	Bathurst	Body Creek on Deviation at Kelso Reinforced Concrete Box Culvert	Council	3		8,105	1,360	9,465
253	Bathurst	Railway Overbridge 3.3 km East of Bathurst Approaches to Railway Overbridge	Council	3		91,127	15,293	106,420
253	Oberon	14.0 km to 23.0 km North of Oberon Reconstruction of Pavement	Council	3	5,208		7,283	12,491
	TOTAL	253						35,038
255	Oberon	6.5 km to 8.8 km North of Oberon Reconstruction & Bituminous Surfacing	Council	4		53,479	8,975	62,454
	TOTAL	255						62,454

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0074

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
256	Goulburn	5.16 km to 5.80 km North of Goulburn Reconstruction & Bituminous Surfacing	Council	3	12,050		16,853	28,903
256	Goulburn	4.49 km to 5.1 km North of Goulburn Reconstruction & Sealing	Council	3		16,374	2,748	19,122
256	Mulwaree	45.96 km to 48.4 km North of Goulburn Reconstruction & Bituminous Surfacing	Council	3		53,479	8,975	62,454
256	Oberon	34.15 km to 39.5 km South of Oberon Surface Course Gravelling & Bituminous Surfacing	Council	3		7,141-	1,198-	8,339-
256	Oberon	39.5 km to 41.12 km South of Oberon Reconstruction & Bituminous Surfacing	Council	3		7,141	1,198	8,339
TOTAL 256								110,479
259	Camden	0.0 km to 3.4 km (Municipal Bdy) West of SH 2 Deviation including Culverts	Department	7		219	37	256
259	Wollondilly	Camden Municipal Boundary to Burrangorang Valley Heavy Patching of Selected Lengths	Department	3		192,526	32,310	224,836
259	Wollondilly	Mt. Hunter Rivulet, 6.7 km West of Camden Bridge over Mt. Hunter Rivulet	Department	3	7,638		10,682	18,320
TOTAL 259								243,412
260	Bowral	7 km South of SH 2 Extension of Crib Wall	Council	3		64-	11-	75-
260	Bowral	9.64 km South of SH 2 Improvement to Sight Distance	Council	3		941	158	1,099
260	Mittagong	1.08 km to 2.8 km South of SH 2 Reconstruction/Bituminous Surfacing/Climbing Lane	Council	3		88,776	14,898	103,674
260	Wingecarribee	Wingecarribee River at Bong Bong 11.26 km South of SH2 Reinforced Concrete Bridge	Council	3		10,195	1,711	11,906
TOTAL 260								116,604
263	Wingecarribee	Wildes Meadow to Fitzroy Falls Reconstruction & Bituminous Surfacing	Council	5		53,980	9,059	63,039
TOTAL 263								63,039
264	Kiama	15.9 to 17.2 km West of Kiama Reconstruction & Bituminous Surfacing	Council	7		60,675	10,183	70,858
TOTAL 264								70,858

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0075

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
265	Wingecarribee	Kellys Creek 1.6 km South of Moss Vale Reinforced Concrete Box Culvert	Council	3		39,350	6,604	45,954
TOTAL 265								45,954
267	Shoalhaven	6.1 km to 7.7 km West of Huskisson Reconstruction & Bituminous Surfacing	Council	3	8,493		11,878	20,371
TOTAL 267								20,371
268	Mulwaree	1.5 km to 5.1 km South of Tarago Reconstruction & Bituminous Surfacing	Council	3	52,077		72,832	124,909
268	Mulwaree	Railway Level Crossing 263.027 km at Tarago Widening	Council	3		4,460	749	5,209
268	Yarrowlumla	32.0 km to 36.0 km North of Queanbeyan Reconstruction & Bituminous Surfacing	Council	3	26,038		36,416	62,454
TOTAL 268								192,572
270	Tallaganda	16.7 to 17.6 km South West of Braidwood Reconstruction & Sealing	Council	4		54,686	9,177	63,863
TOTAL 270								63,863
271	Eurobodalla	6.71 km to 10.46 km West of Moruya Reconstruction & Gravel Surfacing	Council	3		471	79	550
271	Eurobodalla	Bridge over Moruya River at Kiora 3.94 km West of Moruya Approaches	Council	3		7,447	1,250	8,697
271	Eurobodalla	Kiora Bridge over Moruya River 3.94 km West of Moruya Prestressed Concrete Bridge	Council	3		27,297	4,581	31,878
271	Tallaganda	Bridge over Flood Creek Braidwood Prestressed Concrete Box Culvert	Council	3		3,090-	518-	3,608-
271	Tallaganda	Bridge over Flood Creek 1.5 km to 1.6 km South of Braidwood Approaches	Council	3		2,065	346	2,411
TOTAL 271								39,928
272	Mumbulla	Long Swamp 2.5 km to 9.0 km North of Bermagui Deviation	Council	3	79,156		110,706	189,862

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0076

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
272	Mumbulla	Bridge over Bermagui South Lagoon Approaches	Council	3	4,798		6,711	11,509
272	Mumbulla	Bermagui South Lagoon Prestressed Concrete Bridge	Council	3	27,080		37,873	64,953
TOTAL 272								266,324
275	Imlay	Candelo Creek Bridge 14.9 km West of SH 1 Approaches	Council	3		14,164	2,377	16,541
TOTAL 275								16,541
278	Goodradigbee	15.9 km to 18.5 km South of Yass Reconstruction & Bituminous Surfacing	Council	3		1,164-	195-	1,359-
TOTAL 278								1,359-
279	Gundagai	5.62 km to 7.11 km South of Gundagai Relocation & Reconstruction & Bituminous Surfacing	Council	3		3,742	628	4,370
279	Gundagai	From SH 2 to 3.5 km South at Gundagai Reconstruction & Bituminous Surfacing	Council	3	13,019		18,208	31,227
279	Gundagai	7.1 km to 16.6 km South of Gundagai Reconstruction & Bituminous Surfacing	Council	3	59,367		83,029	142,396
TOTAL 279								177,993
282	Tumbarumba	31.9 km to 33.8 km South of Tumbarumba Reconstruction & Bituminous Surfacing	Council	3		6,504	1,092	7,596
282	Tumbarumba	37.0 to 42.0 km South of Tumbarumba Reconstruction & Bituminous Surfacing	Council	3		3,079-	517-	3,596-
TOTAL 282								4,000
284	Holbrook	46.2 km to 61.3 km West of Tumbarumba Reconstruction & Bituminous Surfacing	Council	3		7,531	1,264	8,795
284	Holbrook	5.30 km to 7.9 km East of Holbrook Reconstruction & Bituminous Surfacing	Council	3	40,672		56,883	97,555
TOTAL 284								106,350
289	Dungog	3.2 km to 4.6 km East of MR 101 Reconstruction & Bituminous Surfacing	Council	3		948-	159-	1,107-
TOTAL 289								1,107-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0077

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
295	Wollongong	Railway Overbridge Flinders St Port Kembla Approaches	Council	7		22,196	3,725	25,921
295	Wollongong	Allens Creek Wollongong Prestressed Concrete Bridge	Council	6		87,573	14,697	102,270
TOTAL	295							128,191
300	Bowral	1.8 km to 2.2 km West of Bowral Reconstruction of Existing Curves	Council	3	20,831		29,133	49,964
TOTAL	300							49,964
301	Dungog	1.53 km to 2.08 km North of Clarencetown Reconstruction & Bituminous Surfacing	Council	3	27,754		38,815	66,569
TOTAL	301							66,569
306	Lismore	0.1 km to 0.5 km North of Lismore Raising Above Flood Level	Council	4		28,101	4,716	32,817
TOTAL	306							32,817
309	Parramatta	Eleanor St to Hassall St Rosehill Widening to Six Lanes	Department	6	22,191		6,447	28,638
309	Parramatta	SH 5 to A'Becketts Creek Reconstruction & Widening to Four Lanes	Department	6	249,899		72,598	322,497
TOTAL	309							351,135
310	Cowra	Between Myall & Macassar Streets Cowra Reconstruction & Bituminous Surfacing	Council	2		979	164	1,143
TOTAL	310							1,143
315	Canterbury	Intersection with Canterbury Rd (MR167) Wiley Park Public Utility Adjustment	Department	6	9,420		2,736	12,156
315	Canterbury	King Georges Rd & Canterbury Rd, Wiley Park Channelised Intersection	Department	6		74,895		74,895
315	Canterbury	Railway Overpass at Wiley Park Approaches	Department	6		4,125	11,651	15,776
315	Canterbury	King Georges Rd & Punchbowl Rd Wiley Park Channelised Intersection	Department	6		1,247	3,523	4,770

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0078

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
315	Hurstville	Stoney Creek Rd Hurstville Public Utility Adjustment	Department	6	57,208		16,620	73,828
315	Hurstville	From Frederick Ave to Young St, Beverly Hills Reconstruction & Widening to Six Lanes ,	Council	6	110,858		32,206	143,064
315	Hurstville	Frederick Ave to Young St Beverly Hills Augered & Grouted Piles-Stormwater Cover	Department	6		769	2,173	2,942
315	Kogarah	King Georges Rd & Connells Point Rd Hurstville South Channelised Intersection	Council	6		280-	791-	1,071-
315	Strathfield	Redmyre Rd to Raw Square Strathfield Deviation	Council	6		2,488	7,025	9,513
315	Strathfield	Redmyre Rd to Carrington Ave Strathfield Asphaltic Concrete Resurfacing	Council	6		483-	1,365-	1,848-
TOTAL 315								334,025
318	Strathfield	SH 5 to Railway Overbridge Dual Carriageway	Council	6		9,114	25,739	34,853
318	Strathfield	SH 5 to Arthur St Homebush Public Utilities Adjustment - Telecom Department	Department	6		3,305	9,333	12,638
TOTAL 318								47,491
319	Wakool	Bridge over Yarrein Creek 62.0 km North of Barham Approaches	Council	3		27,749	4,657	32,406
319	Windouran	22.3 km to 25.3 km North of Moulamein Reconstruction & Bituminous Surfacing	Council	3	78,115		109,248	187,363
TOTAL 319								219,769
321	Jerilderie	16.9 km to 18.5 km North of SH 17 Reconstruction & Bituminous Surfacing	Council	3	5,208		7,283	12,491
321	Murrumbidgee	68.3 km to 76.0 km North of SH 17 Widening & Bituminous Surfacing	Council	3		29,135	4,889	34,024
321	Murrumbidgee	Bridges over Murrumbidgee River at Darlington Point Approaches	Council	3		45,457	7,629	53,086
321	Murrumbidgee	Main Bridge at Darlington Point Demolition of Old Bridge	Department	3		3,793	637	4,430

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0079

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
321	Murrumbidgee	Bridge over Murrumbidgee River Darlington Point Prestressed concrete bridge in approaches	Department	3	210,508		294,409	504,917
321	Murrumbidgee	Murrumbidgee River Darlington Point Prestressed concrete bridge	Department	3	69,546-		97,264-	166,810-
321	Murrumbidgee	Bridge over Murrumbidgee River at Darlington Point Approaches	Department	3	75,197		105,167	180,364
321	Wade	1.15 km to 3.45 km north of T.R. 80 Reconstruction & Bituminous Surfacing	Council	3	32,290		45,159	77,449
321	Wade	12.553 km to 13.383 km south of Griffith Reconstruction & Bituminous Surfacing	Council	3		4,722-	792-	5,514-
TOTAL 321								694,437
323	Jerilderie	27.85 km to 32.36 km east of SH 17 Reconstruction & Bituminous Surfacing	Council	3		13,337	2,238	15,575
323	Urana	23 km to 29.7 km west of MR 131 Reconstruction & Bituminous Surfacing	Council	3	23,955		33,503	57,458
323	Urana	29.7 km to 33.3 km west of MR 131 Reconstruction & Bituminous Surfacing	Council	3	7,291		10,196	17,487
TOTAL 323								90,520
325	Lake Macquarie	1.49 km to 2.69 km west of Warners Bay Reconstruction & Bituminous Surfacing	Council	6		106,959	17,950	124,909
325	Lake Macquarie	Ryan to Albert St., Speers Point Reconstruction & Bituminous Surfacing	Council	6		5,527	927	6,454
TOTAL 325								131,363
326	Newcastle	7.0 km to 7.2 km south of MR 316 Watermain Adjustment at East Approach to Stockton Bridge	Council	6		16,044	2,692	18,736
TOTAL 326								18,736

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0080

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROAD (CONT'D)								
328	Warringah	Daines Parade to Pittwater Rd., Brookvale Dual Carriageway including Intersection with M.R. No. 164	Department	6		5,494	15,515	21,009
328	Warringah	Hilmer St. to Wakehurst Parkway Reconstruction & Widening	Department	6		60,826	171,783	232,609
328	Warringah	Northern approach to Roseville Bridge Rock-Bolting & Guniting of Batter	Department	6		1,067-	3,012-	4,079-
328	Willoughby	Rowe St. to Malga St., Roseville Chase Public Utility Adjustment	Department	6		1,046	2,952	3,998
	TOTAL	328						253,537
331	Corowa	12.9 km to 14.5 km east of MR 131 Reconstruction & Bituminous Surfacing	Council	3		3,625	608	4,233
	TOTAL	331						4,233
332	Hornsby	SH 10 to King St., Berowra Drainage Improvements	Council	7		13,237	37,383	50,620
	TOTAL	332						50,620
333	Warren	14.5 km to 17.7 km north of Warren Widening of Pavement	Council	3		49,624	8,328	57,952
	TOTAL	333						57,952
335	Wyong	Killarney St. to Norton St., Killarney Vale Reconstruction & Widening	Council	3	53,354		74,620	127,974
	TOTAL	335						127,974
336	Gosford	1.99 km to 2.2 km east of SH 10 Reconstruction & Widening	Council	3	12,310		17,216	29,526
336	Wyong	3.41 km to 4.10 km south of MR 335 Reconstruction & Bituminous Surfacing	Council	3		3,135-	526-	3,661-
	TOTAL	336						25,865
341	Murray	70.97 km to 74.19 km from Moama Reconstruction & Bituminous Surfacing	Council	3	35,933		50,254	86,187
341	Murray	39.7 km to 45.82 km north of Moama Reconstruction & Bituminous Surfacing	Council	3		6,075-	1,019-	7,094-
	TOTAL	341						79,093

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0081

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
349	Gosford	Bridge over Coorumbene Creek 0.8 to 1.0 km south of Gosford Approaches	Council	3	8,853		12,382	21,235
349	Gosford	Coorumbene Creek 0.5 km south of Gosford Prestressed Concrete Bridge	Council	3		32,408	5,439	37,847
TOTAL 349								59,082
350	Goobang	17.42 km north of Forbes Elimination of Causeway	Council	3		13,938	2,339	16,277
TOTAL 350								16,277
354	Timbregongie	21.2 km to 28.9 km south of Narromine Reconstruction & Bituminous Surfacing	Council	3	48,952		68,462	117,414
TOTAL 354								117,414
357	Manilla	12.87 km to 16.58 km west of Manilla Reconstruction & Bituminous Surfacing	Council	3		34,443	5,780	40,223
TOTAL 357								40,223
358	Merriwa	Coulsons Creek from 9.98 km to 12.07 km north of Merriwa Deviation around two causeways (double crossing)	Council	3		64,209	10,776	74,985
358	Merriwa	Coulsons Creek double crossing 10.9 km north of Merriwa Reinforced Concrete Box Culvert	Council	3		429	72	501
358	Murrurundi	25.7 to 29.0 km west of Willow Tree Construction & Sealing	Council	3	17,105		23,921	41,026
TOTAL 358								116,512
359	Cabonne	10.47 km to 13.35 km south of Molong Gravelling & Sealing Surface	Council	2		4,791	804	5,595
TOTAL 359								5,595
360	Barraba	18.08 km to 18.83 km north of Cobbadah Reconstruction including drainage	Council	4		15,616	2,621	18,237
360	Barraba	Ti-Tree Creek - 17.7 km west of TR 63 Reinforced Concrete Box Culvert	Council	4	13,019		18,208	31,227
TOTAL 360								49,464

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0082

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROAD (CONT'D)								
362	Tenterfield	10.4 km to 12.5 km south of Urbenville Reconstruction of Bituminous Surfacing	Council	4	3,373		4,718	8,091
TOTAL 362								8,091
363	Berrigan	8 km to 12.1 km north of MR 550, Barooga Reconstruction & Bituminous Surfacing	Council	3		31,019	5,205	36,224
363	Berrigan	8 km north of MR 550 Replacement of Narrow Irrigation Crossing	Council	3	18,748		26,219	44,967
TOTAL 363								81,191
366	Ku-Ring-Gai	Reconstruction & Widening Pacific Highway to Nambucca St. Public Utility Adjustment	Department	7	1,960		569	2,529
366	Ku-Ring-Gai	Warrangi St. to Chainage 4300 ft at Turramurra Reconstruction & Widening	Council	7	26,155		7,598	33,753
366	Ku-Ring-Gai	6.4 km to 17.3 km north of Turramurra to Asquith Flush reseal full length in Ku-Ring-Gai Chase National Park	Department	9		15,452	43,640	59,092
366	Ku-Ring-Gai	Kathy Close to Berrillee Rd., Turramurra Public Utility Adjustment	Department	7	1,481		430	1,911
366	Ku-Ring-Gai	Kathy Close to Berrillee Rd., Turramurra Reconstruction & Widening	Council	7		13,199		13,199
TOTAL 366								110,484
367	Boomi	60.95 km to 62.15 km north of Moree Reconstruction & Bituminous Surfacing	Council	2	33,850		47,341	81,191
TOTAL 367								81,191
368	Carrathool	3.2 km to 6.0 km north west of Rankins Springs Final base course gravel & sealing	Council	3	32,729		45,773	78,502
TOTAL 368								78,502
371	Bland	10.6 km to 18.3 km north of Rankin Springs Reconstruction & Bituminous Surfacing	Council	3	39,057		54,625	93,682
371	Lachlan	2.22 km to 5.67 km south of Lake Cargelligo Reconstruction & Bituminous Surfacing	Council	3		15,842	2,659	18,501
TOTAL 371								112,183

APPENDIX 5.0083

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROAD (CONT'D)								
373	Hornsby	Pennant Hills Rd. to Pennant Parade, Carlingford Asphaltic Concrete Surfacing	Council	6		4,510-	12,739-	17,249-
373	Lane Cove	Centennial Ave., Lane Cove Right Turn Storage Lane	Department	6		67	189	256
373	Ryde	Lane Cove Rd. & Epping Rd., North Ryde Interchange	Department	6	705,244		204,881	910,125
373	Ryde	MR 162, North Ryde Prestressed Concrete Girder Bridge	Department	6	35,002		10,168	45,170
TOTAL		373						938,302
377	Cabonne	53.1 km to 57.7 km west of Orange Reconstruction & Bituminous Surfacing	Council	3	14,264		19,950	34,214
377	Cabonne	57.7 km to 61.72 km west of Orange Reconstruction & Bituminous Surfacing	Council	3	838		1,172	2,010
377	Jemalong	Bridge over Jemalong Creek 23.47 km west of Forbes Approaches	Council	3	15,623		21,850	37,473
377	Jemalong	Culvert 11.2 km to 13.4 km west of Forbes Approaches	Council	3		12,443	2,088	14,531
TOTAL		377						88,228
382	Severn	Stoney Ck. Bridge 35.4 km north of Glen Innes Approaches	Council	3		992-	167-	1,159-
TOTAL		382						1,159-
383	Coonamble	15.7 km to 20.0 km north/east of Coonamble Reconstruction & Bituminous Surfacing	Council	3	10,936		15,295	26,231
TOTAL		383						26,231
386	Wakool	31.59 km to 34.09 km west of MR 319 Reconstruction & Bituminous Surfacing	Council	3		24,647	4,136	28,783
386	Wakool	33.0 km to 35.14 km west of Moulamein Reconstruction & Bituminous Surfacing	Council	3	29,489		41,242	70,731
TOTAL		386						99,514

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0084

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
387	Narraburra	40 km to 43.3 km west of Temora Reconstruction & Widening	Council	3	4,014		5,615	9,629
TOTAL 387								9,629
398	Coolamon	29.24 km to 32.97 km north of Coolamon Reconstruction & Bituminous Surfacing	Council	3		72,732	12,206	84,938
398	Narraburra	8.3 km to 11.3 km north of Arianah Park Reconstruction & Bituminous Surfacing	Council	3	39,057		54,625	93,682
398	Narraburra	19.0 km to 23.7 km south of Arianah Park Reconstruction & Bituminous Surfacing	Council	3		8,245-	1,384-	9,629-
398	Weddin	4.35 km to 7.35 km south of Grenfell Reconstruction & Bituminous Surfacing	Council	3		2,867	481	3,348
398	Weddin	44.25 km to 46.45 km west of Grenfell Reconstruction & Bituminous Surfacing	Council	3		25,670	4,308	29,978
TOTAL 398								202,317
399	Tweed	19.4 km to 23.0 km west of MR No. 143 Reconstruction & Bituminous Surfacing	Council	3		2,384	400	2,784
399	Tweed	Bridge over Couchy Creek - 18.4 to 18.96 km west of Murwillumbah Approaches	Council	3	11,684		16,340	28,024
399	Tweed	Couchy Creek 20.6 km north of Murwillumbah Reinforced Concrete Box Culvert	Council	3		337-	56-	393-
TOTAL 399								30,415
405	Bourke	Paroo River & Bywash No. 1 & 2 Bridges Approaches	Council	3		71,271	11,960	83,231
405	Bourke	Paroo River & Bywashes Nos. 1 & 2 at Wanaaring Demolition of Disused Structures	Department	3		7,781	1,306	9,087
TOTAL 405								92,318
411	Cobar	2.0 km to 3.5 km west of Euabalong Reconstruction & Bituminous Surfacing	Council	3	2,725		3,811	6,536
411	Cobar	3.5 km to 6.5 km west of Euabalong Reconstruction & Bituminous Surfacing	Council	3	42,177		58,987	101,164
TOTAL 411								107,700

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0085

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
424	Bogan	.5 km to 9 km north of Coolabar Reconstruction	Council	4		70,081	11,761	81,842
TOTAL 424								81,842
429	Central Darling	22.9 km to 28.9 km north of Wilcannia Reconstruction & Graveling	Council	3	15,623		21,850	37,473
429	Central Darling	0.8 km to 4.9 km north of Wilcannia Reconstruction & Bituminous Surfacing	Council	3	39,995		55,935	95,930
TOTAL 429								133,403
433	Central Darling	1.1 km to 2.7 km east of Menindee Reconstruction & Bituminous Surfacing	Council	3		16,044	2,692	18,736
TOTAL 433								18,736
435	Central Darling	42.2 km to 70.7 km north of Wilcannia Reconstruction & Bituminous Surfacing	Council	4		616	103	719
TOTAL 435								719
503	Colo	Bridge over Howes Creek 10.9 km to 11.7 km from Windsor Approaches	Department	2		10,267-	1,723-	11,990-
503	Colo	Bridge over Currency Creek 8.6 km to 9.0 km north of Windsor Approaches	Department	2		250-	42-	292-
503	Colo	18.3 km to 19.6 km north of Windsor Reconstruction & Widening	Department	2	106,800		149,368	256,168
503	Colo	17.54 km to 18.02 km north of Windsor Reconstruction & Bituminous Surfacing	Department	2		3,336	560	3,896
503	Singleton	80 km to 92 km south of Singleton - Widening of narrow cuttings Reconstruction of various lengths of failed pavement	Department	2	186,510		260,846	447,356
503	Singleton	Various locations 36.8 km to 91.8 km south of Singleton Replacement of small timber culverts	Department	2	14,509		20,292	34,801
503	Singleton	Bridge over Old Darkey Creek 42.1 km south of Singleton Approaches	Department	2	39,796		55,658	95,454

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0086

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
503	Singleton	30 km to 80 km south of Singleton Strengthen Pavement & Resheet with Asphaltic Concrete	Department	2	137,370		192,121	329,491
503	Singleton	167 km to 169.3 km north of Windsor Reconstruction & Bituminous Surfacing	Council	2	20,831		29,133	49,964
503	Windsor	Howes Creek 11.0 km north of Windsor Demolition of Disused Structure	Department	2		2,718	456	3,174
TOTAL 503								1,208,022
507	Boolooroo	Black Gully 71.9 km east of Boomi Culvert Replacement	Council	3		5,961	1,000	6,961
507	Boolooroo	5.2 km to 10.2 km east of Boomi Reconstruction & Bituminous Surfacing	Council	3	1,578		2,208	3,786
TOTAL 507								10,747
508	Bankstown	Bankstown Airport 0.25 km north of MR 167 Access Road	Department	6		4,254	12,015	16,269
508	Fairfield	Native St. to SH 2 Villawood Climbing Lane	Department	6	23,006		6,683	29,689
TOTAL 508								45,958
509	Lake Macquarie	Bridge over Mannering Creek at Wyee Approaches	Council	7		15,017	2,520	17,537
509	Lake Macquarie	Mannering Creek at Wyee Prestressed Concrete Bridge	Council	7		21,350	3,583	24,933
TOTAL 509								42,470
512	Liverpool	Scott St. & Terminus St., Liverpool Grade separated connection of intersection	Department	6	34,198		9,935	44,133
512	Sutherland	1.3 to 2.4, 4.8 to 5.8 & 15.0 to 16.1 km west of SH 1 Slow vehicle lane incl. intersection with New Illawarra Road	Department	6	418,403		121,551	539,954
512	Sutherland	Stephens Rd., Heathcote Improve Intersection to provide access to subdivision off Stephens Road	Department	6		56,656	160,005	216,661
TOTAL 512								800,748

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0087

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
513	Wollongong	Bellambi Creek to TR 95 near Brokers Nose Fourth Lane	Department	6		860,850	144,467	1,005,317
	TOTAL	513						1,005,317
514	Balranald	0.0 km to 2.0 km north of Penarie Reconstruction & Bituminous Surfacing	Council	3		24,102	4,045	28,147
514	Hay	68.8 to 73.0 km west of Hay Reconstruction & Bituminous Surfacing	Council	3	10,153		14,201	24,354
	TOTAL	514						52,501
515	Fairfield	Elizabeth Dr. & Cowpasture Rd., Bonnyrigg Reconstruction of Intersection	Department	6	—	—	—	—
515	Fairfield	Wallgrove Military Camp to Horsley Dr., Eastern Creek Dual Carriageway	Department	6	—	—	—	—
515	Fairfield	Maxwells Ave., Mt. Pritchard to Cabramatta Rd., West Reconstruction & Widening to 4 lanes including Meadows Rd. Intersection	Department	6		77,096	217,729	294,825
515	Liverpool	Copeland St. to Maxwells Ave., Liverpool Divided Carriageway	Department	6	568,682		165,208	733,890
515	Liverpool	Elizabeth Dr. at Cabramatta Creek, Liverpool 4 Spans Prestressed Concrete Girder Bridge	Department	6	302,598		87,908	390,506
515	Liverpool	Bridge over Cabramatta Creek Reconstruction - Public Utility Adjustment	Department	6	40,350		11,722	52,072
	TOTAL	515						1,471,293
516	Greater Lithgow	Burns Lane to Lithgow St., Lithgow Reconstruction & Widening	Council	2		4,023	675	4,698
516	Greater Lithgow	4.2 km to 15.1 km east of Lithgow - Various Locations Replace cable fence by chain wire fence 1600m in length	Department	2		17,099	2,870	19,969
516	Greater Lithgow	7.6 km to 8.4 km east of Lithgow Shoulders	Department	2		48,971	8,218	57,189
516	Greater Lithgow	13.3 km to 14.9 km east of Lithgow Widening of Formation	Department	2		150,430	25,245	175,675
	TOTAL	516						257,531

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0088

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
519	Colo	16.2 km to 18.2 km north of MR 184 Colo Reconstruction & Bituminous Surfacing	Council	4		1,524-	256-	1,780-
TOTAL 519								1,780-
522	Shellharbour	Bass St. to Shellharbour Deviation Reconstruction & Bituminous Surfacing	Council	6		24,694	4,144	28,838
522	Shellharbour	12.1 km to 12.8 km south of Wollongong Public Utility Adjustment	Department	6		956	161	1,117
522	Shellharbour	Mary St. Bridge over unnamed creek Dual Carriageway	Council	6		14,775-	2,479-	17,254-
522	Shellharbour	Redall Parade to Peterborough Ave., Lake Illawarra Reconstruction & Dual Carriageway	Council	6		59,197-	9,934-	69,131-
522	Shellharbour	Extension of MR 522, widening of Mary St. Bridge, Shellharbour Construction & Widening	Council	6		22,226		22,226
522	Wollongong	Northcliffe Dr. to Shellharbour Rd., Primbee Dual Carriageway	Council	6		4,404	739	5,143
522	Wollongong	Shellharbour Rd. to Windang Rd. Deviation	Council	6		7,281-	1,222-	8,503-
522	Wollongong	Primbee Deviation to Wattle Ave., Windang Reconstruction of Northbound Carriageway	Council	6		27,809	4,667	32,476
522	Wollongong	Boronia Ave. to Primbee Deviation Public Utility Adjustment	Department	6		104,473	17,532	122,005
TOTAL 522								116,917
524	Byron	0.6 km to 1.1 km west of SH 10 Reconstruction & Bituminous Surfacing	Council	3		474	79	553
524	Byron	0.6 km to 1.1 km east of SH 10 Reconstruction & Strengthen Pavement	Council	3	2,083		2,913	4,996
TOTAL 524								5,549
527	Lake Macquarie	3.18 km to 3.65 km west of Warners Bay Relocation of Water Main	Council	6		3,396-	570-	3,966-
TOTAL 527								3,966-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0089

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
533	Nambucca	22.1 km to 23.2 km west of Macksville Reconstruction & Bituminous Surfacing	Council	4		10,696	1,795	12,491
TOTAL 533								12,491
534	Fairfield	Cabramatta Rd. from High St. to Boyd St., Cabramatta Drainage Line	Council	6		97	274	371
534	Fairfield	Church St. to Gladstone St., Cabramatta Dual Carriageway	Council	6		2,623	7,409	10,032
534	Fairfield	Bridge over Railway Line at Cabramatta Approaches	Council	6		7,424	20,965	28,389
534	Fairfield	Orange Grove Rd. to High St., Cabaramatta Drainage Line	Council	6		285	803	1,088
534	Fairfield	28.6 km to 29.6 km from Sydney towards Penrith Widening of pavement at intersections, Cabramatta to Bonnyrigg	Department	6		10,203	28,816	39,019
TOTAL 534								78,899
535	Liverpool	Judds Hill 0.7 km to 2.38 km west of MR 515 Reconstruction & Widening	Council	6		5,745	16,225	21,970
TOTAL 535								21,970
536	Penrith	SH 5 to Margaret St., St. Marys Side Strips	Department	7	52,893		15,367	68,260
TOTAL 536								68,260
537	Blacktown	South Creek - 15.3 km north of Prospect - Clydesdale Bridge	Department	6	155,028		45,037	200,065
		Four Span Prestressed Concrete Girder Bridge						
537	Penrith	Bridge over Rickabys Creek 3.7 km to 5.96 km east of Richmond	Department	6	330,432		95,994	426,426
		Approaches						
537	Windsor	Bridge over South Creek 47.5 km to 50.3 km from Sydney	Department	6	605,256		175,833	781,089
		Approaches						
537	Windsor	Rickabys Creek - 4.83 km east of Richmond Six Span Prestressed Concrete Bridge	Department	6	89,101		25,885	114,986
TOTAL 537								1,522,566

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0090

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
543	Mitchell	Bridge over Beavers Creek - 1 km to 3.5 km North of SH 14 Approaches	Council	3	40,620		56,809	97,429
	TOTAL	543						97,429
544	Lismore	Pine Creek 9.1 km West of Lismore Prestressed concrete bridge	Council	3	59,888		83,757	143,645
	TOTAL	544						143,645
546	Blacktown	Fermoy Rd to West Pde Riverstone Reconstruction and strengthening of pavement	Department	7		23	64	87
	TOTAL	546						87
547	Culcairn	Railway Level Crossing Jindera Rd Walla Walla Widening	Council	4		542-	91-	633-
	TOTAL	547						633-
548	Hornsby	Colah Creek - 1.35 km West of MR161, Middle Dural Prestressed concrete bridge	Council	7		589	1,666	2,255
548	Hornsby	0 km to 2.25 km West of MR161 Galston Reconstruction and bituminous surfacing	Council	7		6,170	17,426	23,596
	TOTAL	548						25,851
552	Conargo	Bridge over irrigation channel 17.6 km North of Deniliquin Widening	Council	3		3,357	563	3,920
552	Conargo	17.0 to 20.8 km North of Deniliquin Reconstruction and bituminous surfacing	Council	3	24,997		34,959	59,956
552	Deniliquin	2.21 km to 2.96 km North of Deniliquin Widening of formation & bituminous surfacing	Council	3	15,623		21,850	37,473
552	Jerilderie	81.8 km to 84.3 km East of Deniliquin Reconstruction and bituminous surfacing	Council	3	5,833		8,157	13,990
	TOTAL	552						115,339

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0091

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
555	Lismore	Elizabeth St to Skyline Rd Wardell Reconstruction and bituminous surfacing	Council	4		1,611	270	1,881
TOTAL 555								1,881
560	Eurobodalla	Two Storey Creek 5 km East of Batemans Bay Three span prestressed concrete pier bridge	Council	5		124,072	20,822	144,894
TOTAL 560								144,894
573	Orange	2.2 to 3.2 km North of Orange Strengthening	Council	3	20,886		29,210	50,096
573	Wellington	55.35 km to 56.80 km North of Orange Reconstruction and bituminous surfacing	Council	3		1,987	334	2,321
573	Wellington	57.8 km to 59.7 km North of Orange Reconstruction and bituminous surfacing	Council	3	37,026		51,784	88,810
TOTAL 573								141,227
574	Baulkham Hills	Bridge over Ponds Creek Kissing Point Rd Telopea Widening	Department	7	1,930		560	2,490
574	Parramatta	Bridge over Ponds Creek Dundas Approaches	Department	7	21,049		6,114	27,163
574	Parramatta	Marsden Rd to Kissing Point Rd Dundas Reconstruction and widening	Department	7	246		72	318
TOTAL 574								29,971
576	Boorowa	32.1 km to 34 km South/East of Cowra Strengthening and sealing of alignment	Council	3	10,415		14,567	24,982
TOTAL 576								24,982
579	Parry	4.3 km to 7.3 km West of MR130 Reconstruction and bituminous surfacing	Council	3	22,157		30,988	53,145
TOTAL 579								53,145

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0092

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
584	Queanbeyan	Queenbar St to City Boundary Queanbeyan Reconstruction and bituminous surfacing	Council	4		9,562-	1,605-	11,167-
	TOTAL	584						11,167-
592	Sydney	Cahill Expressway - Sir John Young Crescent to Domain Overbridge Widening to three lanes	Department	6		752	2,125	2,877
	TOTAL	592						2,877
600	Hastings	Bridge over Fernbank Creek 5.28 km North of SH 11 Approaches	Council	3		25,608	4,297	29,905
600	Hastings	Fernbank Creek 5.28 km North of SH No 11 Prestressed concrete bridge	Council	3		9,441-	1,584-	11,025-
	TOTAL	600						18,880
602	Wollongong	South Coast Railway MR558 to F. No. 6 Railway Overbridge	Council	6		185,601	31,147	216,748
602	Wollongong	MR568 to F. No. 6 Fig Tree Dual Carriageway	Council	6		309,112	51,875	360,987
	TOTAL	602						577,735
603	Newcastle	Near Carisbrooke Ave Kotara Investigation of slip area and application of Remedial measures	Council	6		10,696	1,795	12,491
	TOTAL	603						12,491
608	Liverpool	Hinkler Ave to Campbell St Liverpool Six lane divided carriageway	Department	6	53,500		15,543	69,043
608	Liverpool	Campbell St to Hoxton Park Rd Divided carriageway	Department	6	15,124-		4,394-	19,518-
	TOTAL	608						49,525

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0093

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
609	Fairfield	Fairfield St to Alan Street Fairfield Improvement of intersection	Department	6	432,976		125,784	558,760
609	Fairfield	Volding & Douglas Brennan & Lawrence Streets Smithfield Replace kerb & guttering between various streets	Department	6		1,931	5,454	7,385
609	Fairfield	Fairfield St to Allan St Fairfield Duplication and lengthening of existing railway overbridge	Department	6	196,043		56,953	252,996
TOTAL		609						819,141
610	Wollondilly	0.0 km to 4.8 km West of Appin towards Picton Reconstruction and widening	Council	3		87,777	247,897	335,674
TOTAL		610						335,674
611	Shellharbour	0.0 km to 1.7 km West of Warilla (M.R.522 to Hunter Street) Reconstruction and widening	Council	6		77,010	12,924	89,934
TOTAL								89,934
612	Wollondilly	5.77 km to 8.05 km West of SH 2 Deviation at Long Gully	Council	3	36,454		50,982	87,436
TOTAL		612						87,436
613	Wollongong	King St and Northcliffe Drive Warrawong Improvement of intersection	Council	7		7,219-	1,212-	8,431-
613	Wollongong	0.0 km to 0.5 km West of MR522 Divided Carriageway	Council	7		27,809	4,667	32,476
TOTAL		613						24,045
615	Gosford	2.19 km to 2.59 km East of Gosford High Level Access Rd to Rip Bridge	Council	3	3,554		4,971	8,525
TOTAL		615						8,525

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0094

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
MAIN ROADS (CONT'D)								
616	Randwick	Bunnerong Creek Banksmeadow Approaches	Department	9	45,010			45,010
616	Randwick	Bunnerong Creek Matraville Prestressed concrete bridge	Department	9	124,781			124,781
TOTAL 616								169,791
617	Botany	Structure over south suburbs sewer southbound traffic Supply & deliver 415 prestressed concrete planks	Department	9	76,928			76,928
617	Botany	Northern sewer main sequence No. 30 Two span prestressed concrete pier bridge	Department	9	14,699			14,699
617	Botany	Southern sewer main sequence No. 31 Two span prestressed concrete pier bridge	Department	9	10,522			10,522
617	Botany	Bridge over outfall sewer main south bound traffic Two span prestressed concrete girder bridge	Department	9	211,482			211,482
617	Botany	Over Foreshore Road Southbound traffic General Holmes Drive 3 spans voided slab deck bridge	Department	9	430,420			430,420
617	Botany	General Holmes Dr at Botany Structure over southern suburbs sewer southbound traffic	Department	9	265,590			265,590
617	Botany	Millpond Creek on Foreshore Drive Prestressed concrete bridge	Department	9	169,295			169,295
617	Botany	MR170 to MR194 Six lane carriageway	Department	9	1,484,459			1,484,459
617	Botany	MR170 to MR194 Botany Six lane carriageway	Department	9			3,000,000	3,000,000
TOTAL 617								5,663,395
TOTAL MAIN ROADS					22,398,782	10,915,199	16,488,121	49,802,102

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0095

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
OTHER ROADS								
2013	Leichhardt	Leichhardt & Marion Sts Reconstruction of intersection	Council	7		6,478	18,295	24,773
TOTAL		2013						24,773
2014	Canterbury	Bexley Rd from Canterbury Rd to Northcote St Campsie Reconstruction & bituminous surfacing of sidestrips	Council	6		15,290	43,179	58,469
TOTAL		2014						58,469
2024	Ryde	Abuklea Rd to Epping Rd Eastwood Side strips	Council	7		5,919	16,716	22,635
TOTAL		2024						22,635
2033	Ryde	Victoria Rd to Pittwater Rd Gladesville Reconstruction of four lanes	Council	7		3,241	9,152	12,393
TOTAL		2033						12,393
2035	Hornsby	Intersection with Gumnut Rd, West Pennant Hills Improvement	Council	7		106	297	403
2035	Hornsby	MR 182 to MR 184 Asphaltic concrete surfacing	Council	7		65-	183-	248-
2035	Hornsby	MR 160, Dural Intersection improvements	Council	7		29,937	84,546	114,483
TOTAL		2035						114,638
2036	North Sydney	Intersection with Waters Rd Cremorne Reconstruction	Council	7		292	823	1,115
TOTAL		2036						1,115
2043	Hornsby	Waitara Ave to Myra St, Waitara Reconstruction of sidestrips	Council	7		122	344	466
TOTAL		2043						466

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0096

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
2046	Leichhardt	Intersection with Mary St & Lilyfield Rd Public Utility Adjustment	Department	7	1,854		539	2,393
2046	Leichhardt	Mary St to Balmain Road Leichhardt Reconstruction & Asphaltic concrete surfacing	Council	7		626-	1,767-	2,393-
TOTAL 2046								-
2048	Penrith	Andrews Rd near Glass Containers Ltd Penrith 4/900 Pipe Culvert	Council	8		1,944	5,488	7,432
TOTAL 2048								7,432
2049	Parramatta	Wentworth St to Station St Parramatta Reconstruction and bituminous surfacing	Council	7	67,187		19,519	86,706
TOTAL 2049								86,706
2052	Hunters Hill	Cambridge St & Harvard St Gladesville Public Utility Adjustment	Department	8		164	463	627
2052	Ryde	Kittys Creek East Ryde Prestressed concrete bridge	Council	6		1,082-	3,053-	4,135-
2052	Ryde	Kitty's Creek to Rene St Survey and design	Council	6		1,636	4,619	6,255
TOTAL 2052								2,747
2057	Auburn	Intersection with Railway approaches, Church St, Lidcombe Channelisation and approaches	Council	7		135	382	517
2057	Strathfield	Fraser St to Mackenzie St West Homebush Reconstruction to four lanes	Council	7		12,956	36,590	49,546
TOTAL 2057								50,063
2058	Ryde	0 km to 1.3 km South of MR 373 Reconstruction and widening to four lanes	Council	7	48,397		14,059	62,456
2058	Ryde	Goulding Rd and Wicks Rd - MR162 to MR373, Ryde Public Utility adjustment	Department	7	1,505		437	1,942
TOTAL 2058								64,398

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0097

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
2059	Concord	Burwood Rd to Loftus St Concord Reconstruction and bituminous surfacing	Council	7		1,666	4,705	6,371
2059	Concord	Concord Rd to Thornleigh Ave Reconstruction	Council	7		9,718	27,442	37,160
2059	Concord	Addison Ave to Broughton St Concord Reconstruction and asphaltic concrete surfacing	Council	7		3,747	10,583	14,330
TOTAL		2059						57,861
2060	Canterbury	Canterbury Rd to Punchbowl Railway Station Reconstruction and bituminous surfacing	Council	7		1,727	4,879	6,606
TOTAL		2060						6,606
2061	Bankstown	Dilke Rd Padstow Heights Pipeline	Council	8	1,713		498	2,211
2061	Bankstown	Between Canterbury Rd & Sturt St Bankstown Drainage improvements	Council	7		408-	1,153-	1,561-
TOTAL		2061						650
2063	Penrith	Cranebrook Rd Llandilo to The Driftway Londonderry Widening and bituminous surfacing	Council	7		6,495	18,342	24,837
2063	Windsor	2.0 km to 2.7 km South of Richmond Reconstruction and drainage	Council	7		48	137	185
TOTAL		2063						25,022
2068	Bankstown	Railway underpass to Tower St Revesby Reconstruction and widening	Council	6		306	863	1,169
2068	Bankstown	Intersection The River Rd and Prince St Revesby Reconstruction and widening	Council	6		4,204	11,871	16,075
TOTAL		2068						17,244
2071	Fairfield	Orphan School Creek, Cambridge St, Fairfield West Single span prestressed concrete girder bridge	Department	6	64,479		18,731	83,210

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0098

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROAD (CONT'D)								
2071	Fairfield	Bridge over Orphan School Creek Fairfield West Approaches	Department	6		1,172	3,309	4,481
2071	Fairfield	Cabramatta Rd West to Broad St Fairfield Landscape - Design	Department	6	1,407		408	1,815
2071	Fairfield	John St to St Johns Rd Cabramatta Deviation	Council	6		606-	1,711-	2,317-
2071	Fairfield	Polding St to Palmerston Rd Fairfield West Reconstruction of damaged pavement	Council	6		3,990	11,268	15,258
2071	Holroyd	Sturt St to Woodpark Rd Guildford Deviation	Council	6	115,178		33,460	148,638
2071	Liverpool	Brickmakers Creek Orange Grove Rd Liverpool Reinforced concrete bridge	Department	6	1,194		347	1,541
TOTAL 2071								252,626
2075	Sutherland	Fenton Ave to Gannons Rd Nth, Woolooware Reconstruction and widening to four lanes	Council	7	28,794		8,366	37,160
TOTAL 2075								37,160
2081	Ryde	Shaftsbury Rd to Ryedale Rd Eastwood Public Utility Adjustment	Department	7	11,632		3,379	15,011
2081	Ryde	Trelawney St to Ryedale St Eastwood Reconstruction and widening railway overbridge	Department	7	8,753		2,543	11,296
2081	Ryde	Rutledge St, Eastwood at bridge over main northern railway Retaining wall	Department	7	242,957		70,581	313,538
2081	Ryde	From East Parade to Ryedale Rd Eastwood Reconstruction of pavement	Council	7	63,856		18,551	82,407
2081	Ryde	Shaftsbury Rd to Ryedale Rd Eastwood Approaches to new bridge over northern railway	Council	7	199,143		57,853	256,996
TOTAL 2081								679,248
2084	Baulkham Hills	Windsor Rd to Katherin Rd Baulkham Hills Reconstruction and bituminous surfacing	Council	6		12	35	47

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0099

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
2084	Baulkham Hills	From Chapel Lane to Toonagabbie Ck., Baulkham Hills Kerbside Lane	Council	6		80-	228-	308-
2084	Blacktown	Reconstruction of intersection with Abbott Rd., Seven Hills Public Utility Adjustment	Department	6	30,929		8,985	39,914
2084	Blacktown	Intersection S.R. No. 2084 & Abbott Rd., Seven Hills Reconstruction of Intersection	Council	6	20,156		5,856	26,012
2084	Blacktown	Between Abbott Rd. & Vardy's Rd., Seven Hills Reconstruction	Council	6		1,929	5,449	7,378
2084	Blacktown	Railway Overbridge at Seven Hills Approaches	Council	6	154-		45-	199-
2084	Blacktown	Railway Overbridge at Seven Hills Public Utility Adjustment	Department	6	25,903		7,525	33,428
2084	Blacktown	Vardy's Rd. to Old Windsor Rd. Reconstruction to Four Lanes	Council	6		29,397	83,022	112,419
2084	Blacktown	Railway Overbridge at Seven Hills Public Utility Adjustment	Department	6	154		45	199
TOTAL 2084								218,890
2085	Blacktown	Church Lane to Leabons Lane, Seven Hills Reconstruction & Widening	Council	6		4,298	12,139	16,437
2085	Blacktown	Bridge over Eastern Creek near Symonds Rd., Doonside Approaches	Council	6		10,877	30,717	41,594
2085	Blacktown	Lyton St. to Davis St., Blacktown Reconstruction & Bituminous Surfacing	Council	6		18	49	67
2085	Blacktown	Railway Overbridge to Kent St., Blacktown Reconstruction of kerbside lanes, kerb gutter & drainage	Council	6		3,327	9,396	12,723
TOTAL 2085								70,821
2087	Strathfield	Cooks River Culvert at Strathfield Public Utility Adjustment	Department	8		2,405	6,792	9,197
2087	Strathfield	Cooks River at Pemberton St., South Strathfield Reinforced Concrete Box Culvert	Council	6	91,182		26,490	117,672

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0100

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
2087	Strathfield	Hume Highway to Ada Street Strathfield Reconstruction & Widening	Council	6	11,470		3,332	14,802
2087	Strathfield	From SH 2 for 0.66 km Reconstruction & Widening	Council	6		36,957	104,373	141,330
TOTAL 2087								283,001
2088	Fairfield	Bourke St to Gipps St Fairfield Drainage & Pavement	Council	6		3,762	10,623	14,385
2088	Fairfield	Dublin St to O'Connell St Smithfield Reconstruction of Pavement	Council	6	7,517		2,184	9,701
2088	Fairfield	From Market St to Nala St Smithfield Reconstruction & Widening to Four Lanes	Council	6	58,573		17,016	75,589
TOTAL 2088								99,675
2090	Bankstown	Punchbowl Rd to SH 2 Reconstruction & Bituminous Surfacing	Council	7		861-	2,430-	3,291-
2090	Bankstown	Punchbowl Rd to Wentworth St Greenacre Reconstruction & Widening	Council	7		2,856	8,066	10,922
2090	Bankstown	Punchbowl Rd to Wentworth St Chullora Public Utility Adjustment	Department	7		8,304	23,451	31,755
2090	Bankstown	Improvements to Intersection with Waterloo Rd Reconstruction & Widening	Council	7	25,285		7,345	32,630
2090	Bankstown	Wentworth St to Roberts Rd Greenacre Reconstruction & Sealing	Council	7		18,778	53,033	71,811
TOTAL 2090								143,827
2092	Lane Cove	Epping Rd to Mowbray Rd West Lane Cove Public Utility adjustment	Department	7		5,593	15,795	21,388
2092	Lane Cove	Epping Rd to Mowbray Rd Lane Cove Reconstruction & Widening	Council	7		2,012-	5,679-	7,691-
2092	Willoughby	Intersection Pacific Highway & Mowbray Rd Chatswood Public Utility Adjustment	Department	6	73,917-		21,473-	95,390-
TOTAL 2092								81,693-

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0101

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH \$	STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
2093	Willoughby	Ashley St to Boundary St Roseville Reconstruction of Kerbside Lane	Council	6		465	1,312	1,777
TOTAL 2093								1,777
2094	Bankstown	Hume Highway to Rookwood Rd Greenacre Heavy Patching at Selected Locations - 1977/78	Council	7		7,126	20,124	27,250
2094	Bankstown	SH 2 to Rookwood Rd Yagoona Heavy Patching at Selected Locations	Council	7		116	328	444
2094	Bankstown	Rookwood Rd to SH 2 Bankstown Heavy Patching	Council	7		9,718	27,442	37,160
TOTAL 2094								64,854
4006	Baulkham Hills	16.5 to 16.8 km South of Webbs Ck Ferry towards Lower Portland Reconstruction & Widening	Council	9		273-	771-	1,044-
4006	Baulkham Hills	5.87 km to 17.22 km South of Webbs Creek Ferry Reconstruction & Widening	Council	9		6,478	18,295	24,773
4006	Baulkham Hills	12 km to 12.5 km South of Webbs Ck Ferry towards Lower Portland Reconstruction & Widening	Council	9		1,619	4,574	6,193
4006	Baulkham Hills	15.5 to 16.4 km South of Webbs Ck Ferry towards Lower Portland Reconstruction & Widening	Council	9		18	50	68
TOTAL 4006								29,990
4043	Snowy River	1.85 km to 16.60 km from MR 286 Strengthening & Sealing of Pavement	Council	5		29,735	4,990	34,725
TOTAL 4043								34,725
4048	Urana	Main St to Browns Gap Rd Construction	Council	5		1,617	271	1,888
TOTAL 4048								1,888
4049	Ulmarra	4.2 km to 5.4 km from Wooli Rd towards Minnie Waters Reconstruction & Bituminous Surfacing	Council	5		16,044	2,692	18,736
4049	Ulmarra	Wooli Rd towards Minnie Water (2.95 km to 3.60 km) Reconstruction & Bituminous Surfacing	Council	5		2		2
TOTAL 4049								18,738

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0102

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
4051	Ballina	0.0 km to 1.4 km North of Ballina Reconstruction & Bituminous Surfacing	Council	5		11,766	1,974	13,740
	TOTAL	4051						13,740
4052	Blue Mountains	0.0 km to 1.5 km from Ferguson Rd Springwood Pavement Restoration & Drainage Improvement	Council	9		12,373	34,943	47,316
	TOTAL	4052						47,316
4054	Eurobodalla	2.8 km to 5.51 km East of Sunpatch Reconstruction & Bituminous Surfacing	Council	5		549	92	641
	TOTAL	4054						641
5012	Parramatta	Silverwater Rd to Marsden Rd Victoria Rd Kissing Point Rd 6 Lane Divided Carriageway/Intersections	Department	6	96,870		28,141	125,011
5012	Ryde	Ryedale Rd to Blaxland Rd Eastwood Extension of First Avenue to Blaxland Road	Department	6	9,893		2,875	12,768
	TOTAL	5012						137,779
5015	Parramatta	Windsor Rd to Hemsworth Ave Northmead Six Lane Divided Carriageway & Interchange	Department	6	433,731		126,003	559,734
5015	Parramatta	Hemsworth Ave to Old Windsor Rd Northmead Six Lane Divided Carriageway	Department	6	172,856		50,217	223,073
	TOTAL	5015						782,807
5016	Bankstown	Clancy St to Alma Rd Padstow Extension of Northern Approach to Alford's Point Bridge	Department	6	382,983		111,260	494,243
5016	Bankstown	Clancy St Padstow - Bridge over County Rd Single Span Prestressed Concrete Bridge Girders	Department	6	53,790		15,626	69,416
5016	Sutherland	Alford's Point Bridge Menai Public Utility Adjustment	Department	6	648		188	836
	TOTAL	5016						564,495
5037	Baulkham Hills	Darling Mills Creek, Northmead Supply & Fabrication of Prestressed Concrete Girders	Department	6	827		240	1,067

STATE ROADS SYSTEM - CONSTRUCTION

APPENDIX 5.0103

ROAD	LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE COM'WLTH \$	OF FUNDS STATE \$	LOANS \$	TOTAL \$
OTHER ROADS (CONT'D)								
5037	Baulkham Hills	Bridge over County Rd at Windsor Rd Northmead Single Span Comp. Steel Box Girder Bridge	Department	6	131,372		38,165	169,537
5037	Baulkham Hills	Bridge over North Rocks Rd North Parramatta Prestressed Concrete Steel Deck Bridge	Department	6	4,604		1,338	5,942
5037	Baulkham Hills	Bridge over County Rd No. 5037 at Windsor Rd Northmead Fabrication & Delivery to Site of Steel Girders	Department	6	90,869		26,399	117,268
5037	Baulkham Hills	Darling Mill Creek, Northmead Three Spans Prestressed Concrete Girder Bridge	Department	6	411,640		119,586	531,226
5037	Parramatta	Pennant Hills Rd near Burnside Homes North Parramatta Steel Box Girder Underpass Bridge	Department	6	150,159		43,622	193,781
5037	Parramatta	Aston St Bridge to Windsor Rd North Parramatta Construction of Rydalmere Ave & New Route	Department	6	1,240,964		360,513	1,601,477
5037	Parramatta	Pennant Hills Rd near Burnside St to Windsor Rd Parramatta Dual Carriageway incl. Acc. to Lake Parramatta Reserve	Department	6	809,359		235,128	1,044,487
TOTAL		5037						3,664,785
5046	Liverpool	Bridge over South Creek Rossmore Approaches	Council	8		8,288	23,405	31,693
TOTAL		5046						31,693
Uncl	Baulkham Hills	Bridge over Cattai Creek on Annangrove Rd Approaches	Council	8	4,828		1,402	6,230
Uncl	Baulkham Hills	Annangrove Rd at Cattai Creek Prestressed Concrete Bridge	Council	8	139,173		40,431	179,604
Uncl	Parramatta	Access Road to Westmead Hospital Construction	Council	8		394,693		394,693
Uncl	Tumbarumba	32 km West of Jundabyne Restoration of Slip Area	Department	4		175,615		175,615
Uncl	Tumbarumba	40.19 km to 43.26 km West of Jundabyne Reconstruction & Gravel Surfacing	Department	4		288,930		288,930
TOTAL		UNCL						1,045,072
TOTAL		OTHER ROADS			5,189,713	1,198,945	2,308,415	8,697,073

SUMMARY OF EXPENDITURE - CONSTRUCTION

APPENDIX 5.0104

EXPENDITURE FROM FUNDS PROVIDED BY:

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
Freeways	35,440,932	4,196,303	3,627,493	43,264,728
State Highways	43,681,215	11,775,488	24,990,909	80,447,612
Trunk Roads	6,555,929	4,224,980	3,985,062	14,765,971
Main Roads	22,398,782	10,915,199	16,488,121	49,802,102
Other Roads	5,189,713	1,198,945	2,308,415	8,697,073
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SUB-TOTALS	113,266,571	32,310,915	51,400,000	196,977,486
Adjustments, Fractional Differences, Miscellaneous Construction and Operating Accounts	9,600	300,340		309,940
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FINAL TOTALS	113,276,171	32,611,255	51,400,000	197,287,426
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STATE ROADS SYSTEM - ACQUISITIONS

APPENDIX 5.0105

ROAD CLASSIFICATION	EXPENDITURE FROM FUNDS PROVIDED BY:			
	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
Freeways	1,035,094	5,875,511		6,910,605
State Highways	593,985	2,706,312		3,300,297
Trunk Roads	110,956	57,726		168,682
Main Roads	278	4,944,580		4,944,858
Other Roads	123,532	4,730,431		4,853,963
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SUB-TOTALS	1,863,845	18,314,560		20,178,405
Adjustments and Fractional Differences		10-		10-
Sale of Properties no longer required for Works		1,607,520-		1,607,520-
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FINAL TOTALS	1,863,845	16,707,030		18,570,875
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SUMMARY OF PAYMENTS ON LOCAL ROADS

URBAN LOCAL ROADS - CONSTRUCTION

APPENDIX 6.1.0001

LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
Ashfield	Urban Local Roads - Annual Grant 1978/79	Council	68,000
Auburn	"	Council	99,000
Bankstown	"	Council	312,000
Baulkham Hills	"	Council	218,750
Blacktown	"	Council	352,000
Blue Mountains	"	Council	153,500
Botany	"	Council	104,750
Burwood	"	Council	48,000
Camden	"	Council	36,000
Campbelltown	"	Council	162,000
Canterbury	"	Council	152,250
Concord	"	Council	50,000
Drummoyne	"	Council	55,000
Fairfield	"	Council	229,000
Greater Cessnock	"	Council	404,000
Holroyd	"	Council	159,000
Hornsby	"	Council	319,500
Hunters Hill	"	Council	26,000
Hurstville	"	Council	120,000
Kiama	"	Council	60,000
Kogarah	"	Council	86,000
Ku-ring-gai	"	Council	263,000
Lake Macquarie	"	Council	420,000
Lane Cove	"	Council	55,000
Leichhardt	"	Council	107,000
Liverpool	"	Council	174,000
Maitland	"	Council	161,000
Manly	"	Council	67,000
Marrickville	"	Council	138,000
Mosman	"	Council	57,000
Newcastle	"	Council	297,000

URBAN LOCAL ROADS - CONSTRUCTION (CONT'D)

APPENDIX 6.1.0002

LOCAL GOVT AREA	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
North Sydney	Urban Local Roads - Annual Grant 1978/79	Council	81,000
Parramatta	"	Council	243,000
Penrith	"	Council	169,000
Port Stephens	"	Council	149,000
Randwick	"	Council	183,000
Rockdale	"	Council	144,000
Ryde	"	Council	164,000
Shellharbour	"	Council	99,000
South Sydney	"	Council	59,000
Strathfield	"	Council	60,250
Sutherland	"	Council	417,000
Sydney	"	Council	93,000
Warringah	"	Council	435,000
Waverley	"	Council	84,000
Willoughby	"	Council	95,000
Windsor	"	Council	86,000
Wollongong	"	Council	321,000
Woollahra	"	Council	97,000
			<u>7,933,000</u>

RURAL LOCAL ROADS - CONSTRUCTION

APPENDIX 6.2.0001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
Berrigan	1172	8.85 km & 14.48 km West of Tocumwal Two Timber Bridges	Council	2,685
Scone	1243	0 km to 5 km East of Page's Creek Formation & Gravel Surfacing	Council	2,716-
Monaro	1268	33.0 km to 35.7 km North of Kybeyan Formation Widening Clearing & Culverts	Council	1,208
Tallaganda	1268	65.88 km to 66.64 km South of Braidwood Passing Bays & Clearing of Trees	Council	186-
Snowy River	1297	Pinch River 10.14 km South of Jacobs River New Structure	Council	6
Walcha	1317	Ingleba 31.4 km South of Walcha Reinforced Concrete Bridge (1977/78 Programme)	Council	12,258
Walcha	1317	Igleba Creek 31.4 km South of Walcha Reinforced Concrete Bridge	Council	2,641
Colo	1322	6.3 km to 14.5 km North of M.R. 184 Formation & Gravel Surfacing	Council	6,456-
Murrumbidgee	3216	Wyaldra Creek 4.0 km North of Gulgong Reinforced Concrete Bridge	Council	1,247-
Guyra	3217	Washpool Creek 5.19 km East of Guyra Reinforced Concrete Box Culvert	Council	12,000
Great Lakes	3218	Deep Creek 9.6 km North of Bulahdelah Prestressed Concrete Bridge & Approaches	Council	3,365
Ballina		Carrs Crossing Reinforced Concrete Bridge	Council	79,269
Bellingen		Hydes Creek on North Bank Rd Reinforced Concrete Bridge	Council	41,500
Bingara		Gwydir River at Cooringoora Reinforced Concrete Bridge	Council	1,492-
Bingara		Elcombe-Caroda Rd South of Elcombe Reinforced Concrete Bridge	Council	24,000
Bland		Bland Creek Reinforced Concrete Bridge	Council	172-
Blayney		Blayney-Newbridge Rd-Blubula River Reinforced Concrete Bridge	Council	15,000
Boorowa		Gunnary-Frogmore Rd Little Plains Creek 3 Cell Reinforced Concrete Box Culvert	Council	17,533
Burrangong		Old Forbes Rd over Burrangong Creek Reinforced Concrete Bridge	Council	1,553

RURAL LOCAL ROADS - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0002

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
Cabonne		Goodgodery Rd Cumnock Ironbark Creek Reinforced Concrete Bridge	Council	1,097
Coffs Harbour		Kings Creek Lower Bucca Rd Concrete Bridge	Council	4,964-
Coffs Harbour		Goodenough Creek Lower Bucca Rd Concrete Bridge	Council	4,125-
Coffs Harbour		Bulla Rd-McCraes Bridge Reinforced Concrete Bridge	Council	65,000
Eurobodalla		Aerodrome Rd Garlandtown Reinforced Concrete Bridge	Council	21,327
Eurobodalla		Aerodrome Rd Garlandtown Reinforced Concrete Bridge	Council	2,490-
Gloucester		Bowman River Rd Reinforced Concrete Bridge	Council	4,440-
Goobang		Kittos Bridge over Bogan River Reinforced Concrete Bridge	Council	4,243-
Hastings		Sadler Creek Reinforced Concrete Bridge	Council	3,640-
Kempsey		Macleay River at Jerseyville Bridges to Replace Ferries	Council	3,782
Kyogle		Gradys Creek on Gradys Creek Rd Reinforced Concrete Bridge	Council	8,114-
Lachlan		Wallamundry Creek 21.5 km South East of Condobolin Reinforced Concrete Bridge	Council	32,349
Maclean		Bridge over North Arm of Clarence River to Replace Ashby Ferry Engineering Administration	Council	50,503
Maclean		Sandy Creek Warregah Isle to Ashby Foundation Test Boring	Council	2,098
Maclean		Back Channel Bridge on Warregah Island Foundation Test Boring	Council	5,999
Monaro		Numeralla Bridge Reinforced Concrete Bridge	Council	3,478-
Mumbulla		Daisy Hill Rd - McGuires Creek Reinforced Concrete Bridge	Council	2,332-
Mumbulla		Yourie River Reinforced Concrete Bridge	Council	27,714
Mumbulla		Tathra-Tanja Rd Nelson & Waterloo Creeks Reinforced Concrete Bridge	Council	47,452

RURAL LOCAL ROADS - CONSTRUCTION (CONT'D)

APPENDIX 6.2.0003

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
Mumbulla		Nambugga Creek Reinforced concrete bridge	Council	804-
Murrurundi		Blandford Timor Rd Green Creek 3 Cell Reinforced concrete box culvert	Council	29,500
Nymboida		Old Glen Innes Rd - Obx Creek Reinforced concrete bridge	Council	37,600
Orange		Anson St Orange Railway over bridge (1977/78 Programme)	Council	17,719
Orange		Anson St Orange Reinforced concrete bridge	Council	42,280
Orange		Anson Street - Orange Reinforced concrete bridge	Council	21,845
Parry		Carrabulla - Binnaway Rd - Spring Creek Reinforced concrete bridge	Council	63,850
Parry		Lower Somerton Rd - Yellow Gully Reinforced concrete bridge	Council	2,838-
Scone		Kingdom Ponds on Turnaville Rd Reinforced concrete bridge	Council	1,012
Shoalhaven		Watamolla Rd Ryders Creek Reinforced concrete bridge	Council	37,948
Shoalhaven		Cow Creek on Sussex Inlet Rd Reinforced concrete bridge	Council	42,149
Snowy River		Jumenbuen Rd Mitchells Creek Reinforced concrete bridge	Council	11,887
Snowy River		Dalgety - Paupong Rd 15.4 km from Dalgety Reinforced concrete bridge	Council	22,650
Tumbarumba		41 km to 43 km West of Jindabyne (Alpine Way) Construction	Department	180,000
Tamworth		Scott Rd - Goonoo Goonoo Creek Reinforced concrete bridge	Council	135,649
Taree		High Street - Browns Creek Reinforced concrete bridge	Council	43,600
Ulmarra		Sherwood Creek Rd Reinforced concrete bridge	Council	31,580
Uralla		Torryburn-Bundarra Rd - Roumalla Creek Reinforced concrete bridge	Council	10,000

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

APPENDIX 6.2.0004

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	AMOUNT \$
Wakool		Gonn Rd - Little Merran Creek Reinforced concrete bridge	Council	31,695
Walcha		Ingleba Creek South of Walcha Reinforced concrete bridge	Council	14,314-
Waugoola		Canowindra - Mandurama Rd - Jacks Creek Reinforced concrete bridge	Council	15,000
Wollondilly		Camden-Werombi Rd - Wattle Creek Reinforced concrete bridge	Council	29,162
Wollondilly		Werombi Rd-Eagle Creek Reinforced Concrete Bridge	Council	31,980
Wollondilly		Camden-Werombi Rd-Big Gully Creek Reinforced Concrete Bridge	Council	26,009
Yarrowlumla		Rossi Rd - Sheepyard Creek Concrete Bridge	Council	22,667
TOTAL				<u>1,288,070</u>

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE

APPENDIX 6.3.0001

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Albury	32,530			1,230-	31,300
Armidale	25,500				25,500
Ashford	135,300	25,078			160,378
Ballina	170,000				170,000
Balranald	169,300				169,300
Barraba	141,100				141,100
Bathurst	41,600				41,600
Bega	30,797	1,786			32,583
Bellingen	225,000				225,000
Berrigan	154,600				154,600
Bingara	148,000				148,000
Bland	217,600	15,715			233,315
Blayney	143,000				143,000
Blue Mountains	179,250				179,250
Bogan	148,600	4,150			152,750
Bombala	109,100				109,100
Boolooroo	335,900	2,771			338,671
Boorowa	178,300				178,300
Bourke	228,300		4,046	12,189	244,535
Bowral	41,000				41,000
Brewarrina	225,000		19,301		244,301
Broken Hill	26,100				26,100
Burrangong	144,800				144,800
Byron	164,100				164,100
Cabonne	370,725	65,000			435,725
Carrathool	168,100	12,308			180,408
Casino	41,000				41,000
Central Darling	236,600				236,600
Cobar	229,200	12,758	10,099	3,236	255,293
Coffs Harbour	234,090				234,090
Colo	216,300				216,300

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE (CONT'D)

APPENDIX 6.3.0002

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Conargo	135,300	6,270			141,570
Coolah	189,200	10,594			199,794
Coolamon	355,100				355,100
Cooma	4,492				4,492
Coonamble	196,300	4,712			201,012
Cootamundra	134,700				134,700
Copmanhurst	179,900				179,900
Corowa	150,000				150,000
Cowra	23,500				23,500
Crookwell	177,900	800			178,700
Culcairn	151,000				151,000
Deniliquin	38,300				38,300
Denman	159,800				159,800
Dubbo	20,800				20,800
Dumaresq	206,200				206,200
Dungog	225,000	7,721			232,721
Eurobodalla	192,200	21,204			213,404
Evans	352,000	49,670			401,670
Forbes	31,600				31,600
Gilgandra	155,400	9,453			164,853
Glen Innes	41,000				41,000
Gloucester	162,300				162,300
Goobang	174,800	47,389			222,189
Goodradigbee	137,800	2,250			140,050
Gosford	216,300	4,800			221,100
Goulburn	27,900				27,900
Grafton	41,000				41,000
Great Lakes	194,400				194,400
Greater Cessnock	132,100				132,100
Greater Lithgow	247,450				247,450
Gundagai	138,200				138,200
Gunnedah	28,900				28,900

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE (CONT'D)

APPENDIX 6.3.0003

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Gunning	132,700	15,329			148,029
Guyra	216,300				216,300
Harden	144,800	1,125			145,925
Hastings	225,000				225,000
Hay	161,000	3,149			164,149
Holbrook	144,300	750			145,050
Hume	216,300	33,588			249,888
Illabo	138,600	4,260			142,860
Imlay	216,300				216,300
Inverell	187,725				187,725
Jemalong	188,200	91,767			279,967
Jerilderie	125,700				125,700
June	23,700				23,700
Kempsey	122,700				122,700
Kyeamba	160,400				160,400
Kyogle	216,300			30,000	246,300
Lachlan	230,000	12,446			242,446
Leeton	140,900	25,920			166,820
Lismore	360,500				360,500
Liverpool Plains	275,957	3,653			279,610
Lockhart	128,900	13,355			142,255
Lord Howe Island	50,000				50,000
MacIntyre		4,565			4,565
Maclean	193,200				193,200
Manilla	144,600				144,600
Manning	225,000				225,000
Merriwa	152,900				152,900
Mitchell	148,700	3,876			152,576
Mittagong	155,900				155,900
Monaro	152,200	28,000			180,200
Moree	20,600				20,600
Mudgee	273,750				273,750

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE (CONT'D)

APPENDIX 6.3.0004

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Mullumbimby	41,000				41,000
Mulwaree	225,000				225,000
Mumbulla	172,333	6,611			178,944
Murray	151,701			1-	151,700
Murrumbidgee	120,700				120,700
Murrurundi	163,400	9,439			172,839
Muswellbrook	22,500				22,500
Nambucca	168,000				168,000
Namoi	225,000	40,586			265,586
Narrabri	26,762				26,762
Narraburra	153,600	11,756			165,356
Narrandera	174,300	3,103			177,403
Narromine	19,000				19,000
Nundle	167,450	5,006			172,456
Nymboida	216,300				216,300
Oberon	198,500	40,909			239,409
Orange	47,300				47,300
Parkes	20,200				20,200
Parry	429,047	28,000			457,047
Port Macquarie	61,500				61,500
Queanbeyan	23,000				23,000
Quirindi	22,100				22,100
Richmond River	288,400				288,400
Rylstone	303,050	79,693			382,743
Scone	212,800				212,800
Severn	223,600	4,943			228,543
Shoalhaven	225,000				225,000
Singleton	216,300				216,300
Snowy River	215,400	3,900			219,300
Talbragar	150,000				150,000
Tallaganda	165,400				165,400
Tamarang	232,250	6,113			238,363

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE (CONT'D)

APPENDIX 6.3.0005

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Tamworth	46,350	7,859			54,209
Taree	36,200				36,200
Temora	27,900				27,900
Tenterfield	225,000				225,000
Timbregongie	153,800	5,550			159,350
Tumbarumba	149,000	38,404			187,404
Tumut	189,000				189,000
Tweed	225,000				225,000
Ulmarra	216,300				216,300
Uralla	196,000	2,303			198,303
Urana	147,900				147,900
Wade	166,900	21,718			188,618
Wagga Wagga	23,100				23,100
Wakool	187,600				187,600
Walcha	214,000				214,000
Walgett	237,000	12,955			249,955
Warren	161,800	11,415			173,215
Waugoola	165,800				165,800
Weddin	167,500				167,500
Wellington	139,575				139,575
Wentworth	208,400				208,400
Windouran	132,400				132,400
Wingecarribee	172,500				172,500
Wingham	27,600				27,600
Wollondilly	216,300				216,300
Wyong	188,800	27,690			216,490
Yallaroi	191,300				191,300

RURAL LOCAL ROADS - CONSTRUCTION AND MAINTENANCE (CONT'D)

APPENDIX 6.3.0006

LOCAL GOVT AREA	GENERAL GRANTS	RESTORATION OF FLOOD DAMAGE	ROAD DEDICATION SURVEYS	CONTINGENCIES	TOTAL
Yarrowlumla	159,468	3,188			162,656
Yass	23,700	7,328			31,028
Young	24,700				24,700
<hr/>					
TOTAL	24,306,552	924,681	33,446	44,194	25,308,873
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RURAL LOCAL ROADS - MAINTENANCE OF SPECIAL SUBSIDY BRIDGES

APPENDIX 6.4.0001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST. AUTH.	AMOUNT
Boolooroo		Pallamallawa - Biniguy Railway Station Road at Gwydir River Maintenance of Pallamallawa Bridge	Department	5,221
Dumaresq		Armidale - Kangaroo Hills Road at Gara River Maintenance of Thalgarrah Bridge	Department	20,359
Gloucester		Gloucester - Giro Road at Barrington River Maintenance of Barrington Bridge	Department	35,611
Gunnedah		Namoi River at Gunnedah Maintenance of Cohen's Bridge	Department	7,067
Inverell		Inverell Railway Station and Macintyre River at Inverell Maintenance of Inverell Railway Bridge	Department	209
Jemalong		Eugowra - Cowra Road at Lachlan River Maintenance of Colletts Crossing Bridge	Department	2,503
Jemalong		Warroo-Yarrabinda Road at Lachlan River Maintenance of Warroo Bridge	Department	84,414
Kempsey		Green Hills - Dungay Creek Road at Macleay River Maintenance of Sherwood Bridge	Department	89,369
Lachlan		Goobang Creek at Condobolin Maintenance of Goobang Bridge	Department	121,186
Leeton		Leeton - Eurolie Road at Murrumbidgee River Maintenance of Eurolie Bridge	Department	24,304
Port Stephens		Maitland - Eccleston Road at Paterson River Maintenance of Paterson Bridge	Department	780
Severn		Severn River on Glen Innes to Emmaville Road Maintenance of Fladbury Bridge	Department	45,274
Wollondilly		Stonequarry Creek on Upper Picton Rd., Picton Maintenance of Victoria Bridge	Department	36,441
Western Division		Unincorporated Area Construction & Maintenance of Unclassified Roads	Department	273,379
---		Various works carried out by Soil Conservation Service of N.S.W. Payments for roadside erosion control	---	43,000
---		Various works carried out by Forestry Commission of N.S.W. Payments for construction & maintenance of Forestry Roads	---	268,000
TOTAL				<u>1,057,117</u>

SUMMARY OF EXPENDITURE - LOCAL ROADS

APPENDIX 6.5.0001

Urban Local Roads	7,933,000
Rural Local Roads	<u>27,654,060</u>
Direct Works Expenditure	35,587,060
Engineering Administration	201,913
General Administration	<u>371,200</u>
TOTAL	<u><u>36,160,173</u></u>

SUMMARY OF PAYMENTS ON THE STATE ROADS SYSTEM FROM COMMONWEALTH AND STATE FUNDS
- MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0001

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
FREEWAYS						
COUNTY OF CUMBERLAND						
URBAN AREA						
F1	-	<u>Warringah Freeway</u>				
		North Sydney			150,852	150,852
		-	-	-	150,852	150,852
F3	-	<u>Sydney to Newcastle Freeway</u>				
		Drummoyne			74,462	74,462
		Hornsby		251,345	17,467	268,812
		Hunters Hill			229,541	229,541
		-	251,345	-	321,470	572,815
F4	-	<u>Western Freeway</u>				
		Blacktown			110,323	110,323
		Penrith			293,602	293,602
		Sydney			382	382
		-	-	-	404,307	404,307
F5	-	<u>South Western Freeway</u>				
		Campbelltown		248,654		248,654
		-	248,654	-	-	248,654
F6	-	<u>Southern Freeway</u>				
		Sutherland			157,012	157,012
		-	-	-	157,012	157,012
F7	-	<u>Cahill Expressway</u>				
		Sydney			142,934	142,934
		-	-	-	142,934	142,934
TOTAL - FREEWAYS - COUNTY OF CUMBERLAND URBAN		-	499,999	-	1,176,575	1,676,574

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
FREEWAYS						
COUNTRY						
URBAN AREA						
F6	-	<u>Southern Freeway</u>				
					858,889	858,889
		-	-	-	858,889	858,889
F8	-	<u>Wollongong Freeway</u>				
					86,643	86,643
		-	-	-	86,643	86,643
<u>TOTAL - FREEWAYS - COUNTRY URBAN</u>		-	-	-	945,532	945,532
FREEWAYS						
COUNTRY						
RURAL AREA						
F3	-	<u>Sydney to Newcastle Freeway</u>				
			377,239		25,915	403,154
		-	377,239	-	25,915	403,154
F5	-	<u>South Western Freeway</u>				
			74,974			74,974
		-	74,974	-	-	74,974
<u>TOTAL - FREEWAYS - COUNTRY RURAL</u>		-	452,213	-	25,915	478,128
<u>TOTAL - FREEWAYS - COUNTRY</u>		-	452,213	-	971,447	1,423,660
<u>TOTAL - FREEWAYS</u>		-	952,212	-	2,148,022	3,100,234

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENTS WORKS

APPENDIX 7.0003

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTY OF CUMBERLAND						
URBAN AREA						
SH1	- <u>Princes Highway</u>					
	Kogarah				119,631	119,631
	Marrickville				64,201	64,201
	Rockdale				70,852	70,852
	South Sydney			18,615		18,615
	Sutherland				412,266	412,266
	Sydney			591		591
	Wollongong				184,365	184,365
		-	-	19,206	851,315	870,521
SH2	- <u>Hume Highway</u>					
	Ashfield				95,671	95,671
	Bankstown				90,387	90,387
	Burwood				24,972	24,972
	Camden		262,612		85,797	348,409
	Fairfield				39,960	39,960
	Liverpool		9,616		224,348	233,964
	Strathfield				62,430	62,430
		-	272,228	-	623,565	895,793
SH5	- <u>Great Western Highway</u>					
	Ashfield				93,776	93,776
	Auburn				63,033	63,033
	Blacktown				91,371	91,371
	Blue Mountains				208,035	208,035
	Burwood				13,110	13,110
	Concord				13,110	13,110
	Holroyd				89,103	89,103
	Leichhardt				69,484	69,484
	Parramatta				41,891	41,891
	Penrith				98,550	98,550
	Strathfield				31,216	31,216
	Sydney			1,050		1,050
		-	-	1,050	812,679	813,729

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTY OF CUMBERLAND						
URBAN AREA						
SH10	- Pacific Highway					
	Hornsby		20,688		712,191	732,879
	Ku-ring-gai				168,691	168,691
	Lane Cove				29,089	29,089
	North Sydney				35,063	35,063
	Willoughby				57,317	57,317
		-	20,688	-	1,002,351	1,023,039
SH13						
	Bankstown				44,950	44,950
	Baulkham Hills				46,106	46,106
	Fairfield				19,978	19,978
	Holroyd				250	250
	Hornsby				86,129	86,129
	Parramatta				82,099	82,099
		-	-	-	279,512	279,512
TOTAL - STATE HIGHWAYS - COUNTY OF CUMBERLAND URBAN		-	292,916	20,256	3,569,422	3,882,594
STATE HIGHWAYS						
COUNTY OF CUMBERLAND						
RURAL AREA						
SH5	- Great Western Highway					
	Blue Mountains				486,006	486,006
		-	-	-	486,006	486,006
TOTAL - STATE HIGHWAYS - COUNTY OF CUMBERLAND RURAL		-	-	-	486,006	486,006
TOTAL - STATE HIGHWAYS - COUNTY OF CUMBERLAND		-	292,916	20,256	4,055,428	4,368,600

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0005

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
URBAN AREA						
SH1	-	<u>Princes Highway</u>				

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0006

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH1	-	<u>Princes Highway</u>				

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0007

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH4	-	<u>Snowy Mountains Highway</u>				
	Bega				5,783	5,783
	Cooma			2,068		2,068
	Gundagai				33,305	33,305
	Imlay				42,658	42,658
	Monaro				54,421	54,421
	Mumbulla				124,232	124,232
	Snowy River				218,098	218,098
	Tumut				547,661	547,661
		-	-	2,068	1,026,158	1,028,226
SH5	-	<u>Great Western Highway</u>				
	Bathurst				51,259	51,259
	Evans				104,496	104,496
	Lithgow				257,097	257,097
		-	-	-	412,852	412,852
SH6	-	<u>Mid Western Highway</u>				
	Bathurst				48,289	48,289
	Bland				353,277	353,277
	Blayney			50,000	275,367	325,367
	Carrathool				170,976	170,976
	Cowra			5,682	131,605	137,287
	Evans				81,820	81,820
	Hay			4,903	77,338	82,241
	Waugoola			127,067		127,067
	Weddin			166,445		166,445
		-	-	354,097	1,138,672	1,492,769

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH7	-	<u>Mitchell Highway</u>				
					6,628	6,628
					219,149	219,149
				1,613	449,971	451,584
					326,382	326,382
					23,675	23,675
					109,516	109,516
					5,670	5,670
				26,750	147,903	174,653
					168,553	168,553
					406,248	406,248
					132,832	132,832
					264,210	264,210
		-	-	28,363	2,260,737	2,289,100
SH8	-	<u>Barrier Highway</u>				
					81,681	81,681
				5,926		5,926
				3,193	237,217	240,410
				760	275,689	276,449
					1,115,669	1,115,669
		-	-	9,879	1,710,256	1,720,135
SH9	-	<u>New England Highway</u>				
		48,242				48,242
			86,367			86,367
		1,000				1,000
			104,788			104,788
			183,497			183,497
		6,850	146,026			152,876
			29,904			29,904
			213,144			213,144

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0009

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH9	-	<u>New England Highway</u> - continued				
			264,614			264,614
			168,751			168,751
		1,507	278,646			279,653
			68,185			68,185
		28,340	18,430			46,770
		16,078	301,295			317,373
			89,742			89,742
		101,517	1,953,389	-	-	2,054,906
SH10	-	<u>Pacific Highway</u>				
				14,703 Cr	386,660	371,957
					108,897	108,897
					235,763	235,763
				27,218	296,708	323,926
				4,717	506,961	511,678
					68,891	68,891
					531,491	531,491
					712,219	712,219
				2,556	314,990	317,546
					237,253	237,253
					623,856	623,856
					259,029	259,029
					577,984	577,984
				18,609	10,076	28,685
				809	340,309	341,118
					366,167	366,167
			417,302		62,130	479,432
		-	417,302	39,206	5,639,384	6,095,892

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0010

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH11	-	<u>Oxley Highway</u>				
		Coonabarabran			478,557	478,557
		Gilgandra			226,489	226,489
		Gunnedah		8,293		8,293
		Hastings			624,766	624,766
		Liverpool Plains		120,185		120,185
		Parry		61,500	47,136	108,636
		Port Macquarie		1,698		1,698
		Tamworth		18,000		18,000
		Walcha			232,884	232,884
		Warren			100,836	100,836
			-	-	209,676	1,710,668
						1,920,344
SH12	-	<u>Gwydir Highway</u>				
		Booolooroo		24,700		24,700
		Boomi			225,882	225,882
		Glen Innes		19,230		19,230
		Grafton			8,699	8,699
		Inverell		10,000	83,449	93,449
		Macintyre		73,000		73,000
		Moree		5,148 Cr		5,148 Cr
		Nymboida			248,040	248,040
		Severn		32,400	338,333	370,733
		Walgett		890	35,393	36,283
		Yallaroi		101,934	8,139	110,073
			-	-	257,006	947,935
						1,204,941

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0011

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH14	-	<u>Sturt Highway</u>				
				13,794	453,487	467,281
					446,334	446,334
					107,001	107,001
					125,053	125,053
					200,912	200,912
					200,845	200,845
				14,998	10,421	25,419
					201,679	201,679
					202,457	202,457
		-	-	28,792	1,948,189	1,976,981
SH15	-	<u>Barton Highway</u>				
			93,774			93,774
			21,899			21,899
		-	115,673	-	-	115,673
SH16	-	<u>Bruxner Highway</u>				
				45,620	133,888	179,508
				71,266		71,266
				7,500		7,500
				13,502	38,804	52,306
					277,030	277,030
				109,445	33,295	142,740
				34,899	90,733	125,632
				51,984	405,561	457,545
				9,497 Cr		9,497 Cr
		-	-	324,719	979,311	1,304,030

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH17	-	<u>Newell Highway</u>				
	Bland				145,527	145,527
	Berrigan				97,736	97,736
	Boolooroo				572,534	572,534
	Coolamon				47,395	47,395
	Coonabarabran				139,633	139,633
	Dubbo				4,471	4,471
	Forbes			11,932		11,932
	Gilgandra				72,730	72,730
	Goobang				248,030	248,030
	Jemalong			68,087		68,087
	Jerilderie				339,875	339,875
	Moree			20,385		20,385
	Namoi				306,213	306,213
	Narrabri			65,791		65,791
	Narrandera				210,177	210,177
	Parkes				20,152	20,152
	Talbragar				216,228	216,228
	Timbregongie				103,263	103,263
	Urana				166,386	166,386
	Weddin				24,945	24,945
		-	-	166,195	2,715,295	2,881,490
SH18	-	<u>Castlereagh Highway</u>				
	Brewarrina				6,776	6,776
	Coonamble				304,077	304,077
	Gilgandra				142,461	142,461
	Walgett			9,321	527,438	536,759
		-	-	9,321	980,752	990,073

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0013

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH19	-	<u>Monaro Highway</u>				
	</					

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0014

Road No.	Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
		COMMONWEALTH		STATE		
		Council	Department	Council	Department	
		\$	\$	\$	\$	\$
STATE HIGHWAYS						
COUNTRY						
RURAL AREA						
SH24	-	Mount Lindsay Highway				
		Kyogle			23,896	23,896
		Tenterfield		1,614	228,332	229,946
			-	-	1,614	252,228
						253,842
SH25	-	Illawarra Highway				
		Wingecarribee			226,353	226,353
			-	-	226,353	226,353
SH26		Gosford		481,246	199	481,445
		Wyang		81,714	482	82,196
			-	562,960	-	563,641
TOTAL -		STATE HIGHWAYS - COUNTRY RURAL	137,517	6,432,440	1,639,054	26,827,090
TOTAL -		STATE HIGHWAYS - COUNTRY	171,660	6,714,083	1,792,912	28,402,644
TOTAL -		STATE HIGHWAYS	171,660	7,006,999	1,813,168	32,458,072
						41,449,899

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0015

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTY OF CUMBERLAND					
URBAN AREA					
Ashfield	-	-	1,100	-	1,100
Auburn		-	67,813	29,967	97,780
Bankstown		-	-	383,255	383,255
Baulkham Hills		-	182,648	308,974	491,622
Blacktown		-	23,429	323,935	347,364
Botany		-	-	148,221	148,221
Burwood		-	44,763	8,990	53,753
Camden		59,778	122,336	-	182,114
Campbelltown		-	114,071	283,545	397,616
Canterbury		-	2,595	277,395	279,990
Colo		-	-	3,381	3,381
Concord		-	63,730	-	63,730
Drummoyne		-	7,362	79,524	86,886
Fairfield		-	2,671	241,088	243,759
Hornsby		-	460,105	176,282	636,387
Hunters Hill		-	-	111,003	111,003
Hurstville		-	39,669	-	39,669
Kogarah		-	4,639	11,104	15,743
Ku-Ring-Gai		-	19,110	97,502	116,612
Lane Cove		-	-	281,175	281,175
Leichhardt		-	497	80,197	80,694
Liverpool		-	241,923	254,589	496,512
Manly		-	18,719	61,498	80,217
Marrickville		-	26,478	4,664	31,142
Mosman		-	6,801	125,522	132,323
North Sydney		-	37,373	61,389	98,762
Parramatta		-	-	358,903	358,903
Penrith		-	288,655	481,442	770,097

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0016

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTY OF CUMBERLAND					
URBAN AREA					
Randwick		-	19,129	253,646	272,775
Rockdale		-	166,408	292,169	458,577
Ryde		-	54,114	392,899	447,013
South Sydney		-	42,311	10,289	52,600
Strathfield		-	26,205	9,366	35,571
Sutherland		-	62,327	435,562	497,889
Sydney		-	32,859	668,306	701,165
Warringah		-	85,000	1,113,101	1,198,101
Waverly		-	16,254	-	16,254
Willoughby		-	21,859	48,901	70,760
Windsor		-	-	313,885	313,885
Wollongong		-	-	361,004	361,004
Woollahra		-	49,939	26,905	76,844
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTY OF CUMBERLAND URBAN</u>	-	59,778	2,352,892	8,119,578	10,532,248
TRUNK AND ORDINARY MAIN ROADS					
COUNTY OF CUMBERLAND					
RURAL AREA					
Blue Mountains		-	19,462	249,391	268,853
Colo		-	318,862	330,964	649,826
Wollondilly		-	83,000	-	83,000
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTY OF CUMBERLAND RURAL</u>	-	-	421,324	580,355	1,001,679
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTY OF CUMBERLAND</u>	-	59,778	2,774,216	8,699,933	11,533,927

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0017

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
URBAN AREA					
Blue Mountains			13,877	-	13,877
Camden			21,076	-	21,076
Greater Cessnock			257,578	-	257,578
Kiama			97,677	-	97,677
Lake Macquarie			442,880	-	442,880
Maitland			137,278	86,126	223,404
Newcastle			163,900	10,338	174,238
Port Stephens			240,379	773	241,152
Shellharbour			47,897	-	47,897
Windsor			-	7,255	7,255
Wollongong			202,957	210,110	413,067
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTRY URBAN</u>	-	-	1,625,499	314,602	1,940,101

TRUNK AND ORDINARY MAIN ROADS

COUNTRY

RURAL AREA

Albury	16,369	-	16,369
Armidale	4,145	-	4,145
Ashford	186,284	326	186,610
Ballina	86,574	-	86,574
Balranald	128,027	45,112	173,139
Barraba	113,906	-	113,906
Bathurst	44,616	4,605	49,221
Bega	5,439	71,956	77,395
Bellingen	211,356	-	211,356
Berrigan	111,726	193,767	305,493
Bingara	184,020	97,987	282,007
Bland	167,565	-	167,565
Blayney	69,383	-	69,383
Bogan	175,173	-	175,173
Bombala	109,041	-	109,041
Boolooroo	91,380	-	91,380

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
RURAL AREA					
Boomi			191,242	-	191,242
Boorowa			154,804	-	154,804
Bourke			351,982	-	351,982
Bowral			84,501	-	84,501
Brewarrina			266,673	28,457	295,130
Broken Hill			21,856	-	21,856
Burrangong			170,989	-	170,989
Byron			88,852	-	88,852
Cabonne			322,026	-	322,026
Carrathool			346,449	111,349	457,798
Casino			34,931	-	34,931
Central Darling			242,065	28,125	270,190
Cobar			284,969	-	284,969
Coffs Harbour			141,442	55,971	197,413
Colo			304,156	782,715	1,086,871
Conargo			62,254	-	62,254
Coolah			258,956	126,652	385,608
Coolamon			98,741	-	98,741
Coonabarabran			236,069	-	236,069
Coonamble			155,397	-	155,397
Cootamundra			145,336	-	145,336
Copmanhurst			217,786	52,938	270,724
Corowa			69,747	39,960	109,707
Cowra			5,632	-	5,632
Crookwell			200,140	1,503	201,643
Culcairn			90,114	-	90,114
Deniliquin			17,288	-	17,288
Denman			192,842	-	192,842
Dubbo			2,655	-	2,655
Dumaresq			177,789	-	177,789
Dungog			159,848	69,374	229,222
Eurobodalla			171,592	-	171,592
Evans			259,276	96,034	355,310
Forbes			7,780	11,324	19,104
Gilgandra			56,473	20	56,493

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0019

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
RURAL AREA					
Glen Innes			2,200	-	2,200
Gloucester			84,045	-	84,045
Goobang			202,489	-	202,489
Goodradigbee			157,200	1,168	158,368
Gosford			691,386	5,779	697,165
Goulburn			14,000	7,131	21,131
Grafton			34,988	17,413	52,401
Greater Cessnock			175,996	-	175,996
Greater Lithgow			115,459	242,634	358,093
Great Lakes			300,110	12,209	312,319
Gundagai			83,827	87,522	171,349
Gunnedah			7,364	-	7,364
Gunning			139,894	70,164	210,058
Guyra			125,637	-	125,637
Harden			172,145	-	172,145
Hastings			228,477	-	228,477
Hay			48,399	-	48,399
Holbrook			88,788	-	88,788
Hume			112,977	60,606	173,583
Illabo			115,252	-	115,252
Imlay			185,134	-	185,134
Inverell			14,400	-	14,400
Jemalong			161,089	-	161,089
Jerilderie			40,000	-	40,000
Junee			21,757	-	21,757
Kempsey			137,549	79,147	216,696
Kyeamba			75,864	-	75,864
Kyogle			538,632	-	538,632
Lachlan			289,041	5,170	294,211
Leeton			145,849	-	145,849
Lismore			346,410	-	346,410
Liverpool Plains			121,036	-	121,036
Lockhart			129,864	-	129,864
Macintyre			115,741	-	115,741
Maclean			252,882	127,522	380,404

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
RURAL AREA					
Manilla			68,369	-	68,369
Manning			360,596	84,101	444,697
Merriwa			175,906	948	176,854
Mitchell			131,402	-	131,402
Mittagong			197,806	-	197,806
Monaro			9,526	-	9,526
Moree			3,525	-	3,525
Mudgee			345,611	169,155	514,766
Mullumbimby			2,862	-	2,862
Mulwaree			176,309	-	176,309
Mumbulla			142,256	80,383	222,639
Murray			80,512	-	80,512
Murrumbidgee			55,040	-	55,040
Murrurundi			29,989	-	29,989
Muswellbrook			1,000	3,470	4,470
Nambucca			112,993	-	112,993
Namoi			423,057	-	423,057
Narrabri			8,776	-	8,776
Narraburra			176,806	-	176,806
Narrandera			90,080	-	90,080
Narromine			2,979	-	2,979
Nundle			79,166	-	79,166
Nymboida			179,184	407	179,591
Oberon			254,755	127,069	381,824
Orange			69,463	-	69,463
Parkes			8,089	-	8,089
Parry			154,640	-	154,640
Port Macquarie			766	-	766
Queanbeyan			64,316	3,105	67,421
Quirindi			30,980	48,460	79,440
Richmond River			181,747	307,454	489,201
Rylstone			291,130	63,027	354,157
Scone			55,032	18,564	73,596
Severn			54,940	-	54,940
Shoalhaven			118,708	281,069	399,777

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0021

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
RURAL AREA					
Singleton			205,886	415,185	621,071
Snowy River			92,356	350,840	443,196
Talbragar			42,455	14,260	56,715
Tallaganda			269,558	93,750	363,308
Tamarang			190,415	-	190,415
Tamworth			46,200	-	46,200
Taree			4,636	-	4,636
Temora			17,257	-	17,257
Tenterfield			37,180	-	37,180
Timbregongie			107,923	-	107,923
Tumbarumba			205,078	1,743	206,821
Tumut			241,749	-	241,749
Tweed			192,458	14,596	207,054
Ulmarra			34,402	-	34,402
Uralla			129,495	-	129,495
Urana			115,769	-	115,769
Wade			245,232	-	245,232
Wagga Wagga			13,927	6,887	20,814
Wakool			296,382	88,515	384,897
Walcha			20,969	-	20,969
Walgett			403,631	55,342	458,973
Warren			163,972	-	163,972
Waugoola			86,886	-	86,886
Weddin			50,000	-	50,000
Wellington			129,964	-	129,964
Wentworth			125,779	43,546	169,325
Windouran			70,504	-	70,504
Wingham			7,736	-	7,736
Wingecarribee			240,414	-	240,414
Wollondilly			291,722	505,639	797,361
Wyong			286,744	-	286,744
Yallaroi			81,741	-	81,741
Yarrowlumla			176,388	-	176,388

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0022

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TRUNK AND ORDINARY MAIN ROADS					
COUNTRY					
RURAL AREA					
Yass			5,540	-	5,540
Young			19,106	-	19,106
Unincorporated Area			-	297,209	297,209
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTRY RURAL</u>	-	-	21,567,704	5,585,437	27,153,141
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS - COUNTRY</u>	-	-	23,193,203	5,900,039	29,093,242
<u>TOTAL - TRUNK AND ORDINARY MAIN ROADS</u>	-	59,778	25,967,419	14,599,972	40,627,169

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0023

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
SECONDARY ROADS					
COUNTY OF CUMBERLAND					
URBAN AREA					
Ashfield			17,900	-	17,900
Bankstown			75,245	-	75,245
Blacktown			78,438	-	78,438
Botany			2,000	-	2,000
Canterbury			48,402	-	48,402
Drummoyne			5,138	-	5,138
Fairfield			148,845	-	148,845
Holroyd			17,433	-	17,433
Hunters Hill			33,500	3,064	36,564
Hurstville			11,285	-	11,285
Lane Cove			3,602 CR.	-	3,602 CR.
Leichhardt			4,253	-	4,253
Liverpool			698	-	698
Manly			10,679	-	10,679
Marrickville			24,279	206	24,485
Mosman			7,699	-	7,699
North Sydney			34,943	-	34,943
Parramatta			22,391	-	22,391
Penrith			6,780	-	6,780
Randwick			26,959	-	26,959
Rockdale			21,905	-	21,905
Ryde			16,000	-	16,000
South Sydney			16,110	-	16,110
Sutherland			54,634	5,468	60,102
Willoughby			121,041	755	121,796
Windsor			4,649	-	4,649
Woollahra			810	-	810
TOTAL - SECONDARY ROADS - COUNTY OF CUMBERLAND URBAN	-	-	808,414	9,493	817,907

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0024

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
SECONDARY ROADS					
COUNTY OF CUMBERLAND					
RURAL AREA					
Blue Mountains			8,367		8,367
<u>TOTAL - SECONDARY ROADS - COUNTY OF CUMBERLAND RURAL</u>	-	-	8,367	-	8,367
<u>TOTAL - SECONDARY ROADS</u>	-	-	816,781	9,493	826,274

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0025

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TOURIST ROADS					
COUNTY OF CUMBERLAND					
URBAN AREA					
Baulkham Hills			33,750	-	33,750
Blue Mountains			63		63
Ryde				6,165	6,165
Sutherland			4,379	4,342	8,721
Warringah				12,913	12,913
TOTAL - TOURIST ROADS - COUNTY OF CUMBERLAND URBAN	-	-	38,192	23,420	61,612
TOURIST ROADS					
COUNTY OF CUMBERLAND					
RURAL AREA					
Blue Mountains			607	-	607
TOTAL - TOURIST ROADS - COUNTY OF CUMBERLAND RURAL	-	-	607	-	607
TOTAL - TOURIST ROADS - COUNTY OF CUMBERLAND	-	-	38,799	23,420	62,219

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TOURIST ROADS					
COUNTRY					
URBAN AREA					
Wollongong			100		100
<u>TOTAL - TOURIST ROADS - COUNTRY URBAN</u>	-	-	100	-	100
TOURIST ROADS					
COUNTRY					
RURAL AREA					
Ballina			2,231		2,231
Coffs Harbour			19		19
Coonabarabran			13,435		13,435
Coonamble			14,752		14,752
Dumaresq			3,679		3,679
Eurobodalla			1,640		1,640
Evans			1,383		1,383
Goodradigbee			8,160		8,160
Greater Lithgow			4,440		4,440
Great Lakes			4,604		4,604
Guyra			222		222
Hastings			13,267		13,267
Imlay			6,373		6,373
Kempsey			1,552		1,552
Maclean			601		601
Nambucca			2,549		2,549
Port Macquarie			2,204		2,204
Scone			837		837
Snowy River			59,784	3,375	63,159
Tamarang			377		377
Tweed			21,882		21,882
Ulmarra			1,744		1,744
Wade			5,073		5,073
Wagga Wagga			73		73
Wingecarribee			2,146		2,146
Wollondilly			2,520		2,520
<u>TOTAL - TOURIST ROADS - COUNTRY RURAL</u>	-	-	175,547	3,375	178,922

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0027

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
TOURIST ROADS COUNTRY					
<u>TOTAL - TOURIST ROADS - COUNTRY</u>	-	-	175,647	3,375	179,022
<u>TOTAL - TOURIST ROADS</u>	-	-	214,446	26,795	241,241

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0028

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
OTHER ROADS					
COUNTY OF CUMBERLAND					
URBAN AREA					
Bankstown			3,635	61,842	65,477
Blue Mountains			5,700		5,700
Camden			139,995		139,995
Campbelltown			14,306		14,306
Concord				203,513	203,513
Fairfield			11,393		11,393
Liverpool			28,451		28,451
North Sydney				584,952	584,952
Parramatta			2,812	27,888	30,700
Penrith			4,500		4,500
Sydney				755,617	755,617
Windsor			50,000		50,000
<u>TOTAL - OTHER ROADS - COUNTY OF CUMBERLAND URBAN</u>	-	-	260,792	1,633,812	1,894,604
OTHER ROADS					
COUNTY OF CUMBERLAND					
RURAL AREA					
Blue Mountains			24,201		24,201
<u>TOTAL - OTHER ROADS - COUNTY OF CUMBERLAND RURAL</u>	-	-	24,201	-	24,201
<u>TOTAL - OTHER ROADS - COUNTY OF CUMBERLAND</u>	-	-	284,993	1,633,812	1,918,805

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0029

Local Government Area	SOURCE OF FUNDS EXTENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
OTHER ROADS					
COUNTRY					
URBAN AREA					
Colo			129,222		129,222
Greater Cessnock			17,155		17,155
Kiama			189,708		189,708
Lake Macquarie			31,209		31,209
Maitland			22,290	741	23,031
Port Stephens			24,159		24,159
Shellharbour			44,100		44,100
Wollongong			34,350		34,350
<u>TOTAL - OTHER ROADS - COUNTRY URBAN</u>	-	-	492,193	741	492,934
OTHER ROADS					
COUNTRY					
RURAL AREA					
Ballina			4,954		4,954
Bega			2,740		2,740
Bellingen			14,449		14,449
Bland			12,000		12,000
Bombala			30,155		30,155
Bourke				579	579
Bowral			10,500		10,500
Casino			224 Cr.		224 Cr.
Coolah			18		18
Coolamon			14,415		14,415
Cooma			7,682		7,682
Coonamble			15,217		15,217
Denman			4,728		4,728
Dumaresq			1,125		1,125
Dungog			182,674		182,674
Eurobodalla			89,979		89,979

STATE ROAD SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0030

Local Government Area	SOURCE OF FUNDS EXPENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
OTHER ROADS					
COUNTRY					
RURAL AREA					
Evans			788		788
Gloucester			317,630		317,630
Gosford			12,615	301	12,916
Goulburn				2,272	2,272
Greater Cessnock			63,698		63,698
Greater Lithgow			129,156	5,025	134,181
Great Lakes			5,125		5,125
Gundagai				1,224	1,224
Hastings			24,848		24,848
Imlay			32,000	463	32,463
Jemalong				1,701	1,701
Kempsey			7,935		7,935
Kyeamba			13,988		13,988
Kyogle			33,357		33,357
Leeton			90,000	15,064	105,064
Lismore			38,203		38,203
Manilla			75 Cr.		75 Cr.
Manning			178,945		178,945
Mitchell			17,673		17,673
Mittagong			49,461		49,461
Monaro			19,669		19,669
Mudgee			33,985	13,496	47,481
Mulwaree			12,015	11,561	23,576
Mumbulla			77,675		77,675
Nambucca			33,953		33,953
Namoi			245,562		245,562
Narrabri			263 Cr.		263 Cr.
Nymboida			461		461
Port Macquarie			14,460		14,460
Richmond River			66,628		66,628

STATE ROADS SYSTEM - MAINTENANCE AND MINOR IMPROVEMENT

APPENDIX 7.0031

Local Government Area	SOURCE OF FUNDS EXTENDED				TOTAL
	COMMONWEALTH		STATE		
	Council	Department	Council	Department	
	\$	\$	\$	\$	\$
OTHER ROADS					
COUNTRY					
RURAL AREA					
Rylstone			31,505		31,505
Scone			27,501		27,501
Shoalhaven			40,475		40,475
Singleton			10,695	2,724	13,419
Snowy River				184,115	184,115
Tallaganda			75,731	2,248	77,979
Tamworth			106		106
Taree			3,473		3,473
Tumbarumba				338,284	338,284
Tumut				69,537	69,537
Tweed			47,385		47,385
Ulmarra			93	143,814	143,907
Uralla			20,000		20,000
Wade			18,000		18,000
Wakool				168,480	168,480
Walgett			101,328		101,328
Waugoola				355	355
Wentworth			5,383 Cr.		5,383 Cr.
Wingecarribee			49,194		49,194
Wingham			17,535		17,535
Wollondilly			54,866		54,866
Unincorporated Area				4,729	4,729
<u>TOTAL - OTHER ROADS - COUNTRY RURAL</u>	-	-	2,402,408	965,972	3,368,380
<u>TOTAL - OTHER ROADS - COUNTRY</u>	-	-	2,894,601	966,713	3,861,314
<u>TOTAL - OTHER ROADS</u>	-	-	3,179,594	2,600,525	5,780,119

SUMMARY OF EXPENDITURE - MAINTENANCE AND MINOR IMPROVEMENT WORKS

APPENDIX 7.0032

	COMMONWEALTH		STATE		TOTAL
	Work carried out by Council	Department	Work carried out by Council	Department	
	\$	\$	\$	\$	\$
<u>SUMMARY</u>					
Freeways		952,212		2,148,022	3,100,234
State Highways	171,660	7,006,999	1,813,168	32,458,072	41,449,899
Trunk and Ordinary Main Roads		59,778	25,967,419	14,599,972	40,627,169
Secondary Roads			816,781	9,493	826,274
Tourist Roads			214,446	26,795	241,241
Other Roads			3,179,594	2,600,525	5,780,119
Allowances to Councils, Miscellaneous, etc.	574	84,449	435,951	2,545,175 CR.	2,024,201 CR.
Engineering Administration	7,670	360,873	883,742	1,384,080	2,636,365
General Administration	7,197	338,572	1,436,790	2,309,822	4,092,381
	187,101	8,802,883	34,747,891	52,991,606	96,729,481

SUMMARY OF PAYMENTS FOR TRAFFIC SIGNALS AND OTHER FACILITIES
ON ALL ROADS FROM COMMONWEALTH AND STATE FUNDS

APPENDIX 8.1.0001

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	FREEWAYS							
Sydney	F1	Sydney Harbour Bridge Driver Aid Scheme. Moveable Medians.	Department	6		78,064		78,064
Sydney	F1	Sydney Harbour Bridge Driver Aid Scheme. CCTV Surveillance.	Department	6		211,358		211,358
	TOTAL	F1						289,422
Blacktown	F4	Prospect to Penrith. Emergency Telephones.	Department	6		12,661		12,661
	TOTAL	F4						12,661
Mittagong	F5	Divided Two Lane Carriageway Aylmerton to Yanderra. Signposting and Roadmarking by Direct Labour.	Department	1	993-	119-		1,112-
	TOTAL	F5						1,112-
Wollongong	F6	Southern Freeway and Kanahooka Road, Dapto. Signals.	Department	6		518		518
	TOTAL	F6						518
	TOTAL	FREEWAYS						301,489

CONSTRUCTION WORKS

STATE HIGHWAYS

Eurobodalla	1	S.H. 1 and Dalmeny Dr. 66 km south of Batemans Bay. Provide additional lanes at intersection (MTR 2967).	Department	2	450	37		487
Eurobodalla	1	S.H. 1 and Broulee Rd. 17.4 km south of Batemans Bay. Provide Additional Lanes at intersection (MTR 2968).	Department	2	778	65		843
Kogarah	1	Princes Highway and Carwar Ave., Blakehurst. Signals.	Department	6		1,381		1,381
Kogarah	1	Intersection with Torrens St., Blakehurst. Signals - Site No. 1287.	Department	6		1,486		1,486
Mumbulla	1	Princes Highway Mumbulla and Eurobodalla Shires. Widening of Shoulders.	Department	2	30,711	2,554		33,265
Mumbulla	1	Princes Highway Mumbulla and Eurobodalla Shires. Guardrail.	Department	2	26,470	2,202		28,672

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
South Sydney	1	King St. north of Union St., Newtown. Pedestrian Signals.	Department	6		533		533
Wollongong	1	Inter. SH1 Towradgi St. and Caldwell Ave., Towradgi. Signals - Site No. 1321.	Department	6		804		804
Wollongong	1	Flinders St., Smith St., and Keira St., Wollongong. Channelisation.	Council	6		57,400		57,400
Wollongong	1	SH1 Smith St. and Keira St., Wollongong Signals and Roadworks.	Department	6	40,022	3,329		43,351
Wollongong	1	SH1 and Rothery Rd. or Bellambi Rd., Corrimal. Signals.	Department	6	16,087	1,338		17,425
Wollongong	1	SH1 Hillcrest St. and Russell St., Woonona. Signals.	Department	6	15,581	1,296		16,877
Wollongong	1	Princes Highway and Hillcrest St., Woonona. Signals.	Department	6	16,974	1,412		18,386
Wollongong	1	Intersection Princes Highway and Bellambi Rd., Bellambi. Signals.	Department	6	31,551	2,624		34,175
Wollongong	1	Princes Highway and Rothery St., Corrimal. Signals.	Department	6	20,011	1,665		21,676
Wollongong	1	Princes Highway and Bellevue Rd., Figtree. Signals.	Department	6	34,554	2,874		37,428
	TOTAL	1						314,189
Albury	2	Young St. and Borella St., Albury. Signals.	Department	1	64,830	7,721		72,551
Ashfield	2	Hume Highway and Queen St., Ashfield. Signals and Roadworks.	Department	6	536	44		580
Bankstown	2	Hume Highway and Railway Workshop, Chullora. Signals.	Department	6		1,302		1,302
Bankstown	2	Hume Highway and Cooper Rd., Yagoona. Signals.	Department	6		2,461		2,461
Bankstown	2	Hume Highway and Hector St., Bass Hill. Signal Reconstruction.	Department	6		20,915		20,915
Bankstown	2	Intersection Woodville Rd. and Henry Lawson Dr., Villawood. Channelisation.	Department	6		581		581
Bankstown	2	SH2, Meredith St. and The Boulevarde, Bankstown. Signals.	Department	6		23-		23-
Bankstown	2	Hume Highway and Miller St., Bass Hill. Signal Site No. 1229.	Department	6		679		679

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0003

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Bankstown	2	SH2 and Noble Ave., Greenacre. Signals.	Department	6	1,379	114		1,493
Bankstown	2	SH2 and Johnson Rd., Bass Hill. Signals.	Department	6	29,581	2,461		32,042
Burwood	2	Culdees Rd., Enfield. Curve Improvement and Improved Skid Resistance.	Department	6		10,575		10,575
Camden	2	SH2 at Six Locations Camden. Passing Lanes.	Department	6		102-		102-
Fairfield	2	Intersection SH2 and Hollywood Dr., Lansvale. Signals - Site No. 1239.	Department	6		835		835
Goodradigbee	2	Railway Overbridges on Main Southern Railway Line. Guardrail.	Council	1		111-		111-
Goodradigbee	2	Waugoola Shire Boundary to Yass. Advisory Speed Signs on Curves.	Council	1		3,644-		3,644-
Goulburn	2	Near Joshua St., Goulburn. Pedestrian Signals.	Department	1	53,463	6,367		59,830
Goulburn	2	Near Market St., Goulburn. Pedestrian Signals.	Department	1	30,771	3,665		34,436
Goulburn	2	Intersection Hume Highway and Union St., Goulburn. Signal Site No. 1512 (MTR 2972).	Department	1	63,284	7,536		70,820
Goulburn	2	Lagoon St. and Union St., Goulburn. Signals.	Department	1		24,886		24,886
Goulburn	2	Intersection Auburn St. and Goldsmith St., Goulburn. Signals Site No. 1513.	Department	1		47,189		47,189
Liverpool	2	Intersection Hume Highway and Glenfield Rd., Glenfield. Signals.	Department	6		6,491		6,491
Liverpool	2	SH2, Mannix St. and Remembrance Ave., Liverpool. Signals.	Department	6		5,687		5,687
Mittagong	2	126.1 km to 128.8 km south of Sydney. Signposting and Roadmarking.	Department	1	37	5		42
Mulwaree	2	National Highway Planning Length 202A. Guardrail.	Department	1	5,119	609		5,728
Wingecarribee	2	Hanging Rock - Uringalla Ck. 165.1 km to 169.9 km south of Sydney. Signposting and Roadmarking.	Department	1	7,167	853		8,020
Wingecarribee	2	154.3 km to 164.8 km south of Sydney. Signposting and Roadmarking.	Department	1	12,088	1,440		13,528
Wollondilly	2	76.4 km to 78.4 km south of Sydney. Signposting and Roadmarking.	Department	1	26	3		29

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0004

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Yass	2	National Highway Planning Length 203A. Guardrail.	Department	1		1,820		1,820
Yass	2	Hume Highway and Meehan St., Yass. Signals.	Department	1	85,741	10,211		95,952
	TOTAL	2						514,592
Ashfield	5	Parramatta Rd. and Cloane St., Ashfield. Traffic Signal Reconstruction.	Department	6		262		262
Blacktown	5	Intersection SH5 and Carlisle St., Mt. Druitt. Signals - Site No. 1234 (MTR 2574).	Department	6		806		806
Blacktown	5	Intersection of SH5 and Reservoir Rd., Prospect. Signals - Site No. 1237 (MTR 2573).	Department	6		947		947
Blue Mountains	5	Intersection Great Western Highway and Peninsula Rd., Valley Heights. Extra Lanes.	Department	6	32,647	2,716		35,363
Burwood	5	Parramatta Rd. and Luke Ave., Burwood. Signals.	Department	6		35,050		35,050
Burwood	5	Parramatta Rd. and Luke Ave., Burwood. Signals.	Department	6	15,406	1,281		16,687
Blue Mountains	5	Great Western Highway and Peninsula Rd., Valley Heights. Channelisation.	Department	6		4,514		4,514
Holroyd	5	Great Western Highway and Hawkesbury Rd., Mays Hill. Signals Site No. 502.	Department	6		53		53
Holroyd	5	Intersection SH5 and Bridge Rd., Westmead. Signals - Site No. 1248.	Department	6		840		840
Penrith	5	Intersection of SH5 and Castlereagh Rd., Penrith. Signals and Modified Channelisation Site No.2575.	Department	6		584		584
Penrith	5	Intersection SH5 and Henry St.(west) Penrith. Signals - Site No. 1266.	Department	6		197		197
Penrith	5	Intersection SH5 and Henry St.(west) Penrith. Roadworks associated with Signals-Site No.1266.	Department	6		298-		298-
Penrith	5	SH5, Cary St. and Lawson St., Emu Plains. Channelisation.	Department	6		249,734		249,734
Penrith	5	SH5 and Nepean St., Emu Plains. Channelisation.	Department	6		4,071		4,071
Penrith	5	SH5 and Bennett Rd., St. Marys. Signals.	Department	6	227	19		246
Penrith	5	SH5 and Bennett Rd., St. Marys.	Department	6	89	7		96

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0005

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Hay	6	Mid Western Highway 18 km east of Hay. Widening of Railway Crossing.	Department	2	114	10		124
	TOTAL	6						124
Bogan	7	34 km north of Nyngan. Truck Parking Area.	Department	1		16,935		16,935
Dubbo	7	Intersection Whylandra St. and Victoria St., Dubbo. Signals.	Department	1	36,937	3,073		40,010
Dubbo	7	Intersection Whylandra St. and Victoria St., Dubbo. Roadworks associated with Signals (MTR 2928).	Department	1	35,236-	2,931-		38,167-
Dubbo	7	SH7 and SH17 Dubbo. Signals Site No. 1504 (MTR 2928).	Department	1	35,236	2,931		38,167
Dubbo	7	Mitchell Highway and Wheelers Lane, Dubbo. Intersection Improvement.	Council	1	45,636	3,795		49,431
Wellington	7	Intersection SH7 and MR233. Additional Lanes.	Department	1	19,463	1,619		21,082
	TOTAL	7						127,458
Central Darling	8	Intersection SH8 and SH21 31 km east of Wilcannia. Additional Lane.	Department	2		1,298		1,298
	TOTAL	8						1,298
Maitland	9	New England Highway and Anambah Rd., Rutherford. Turning Lane.	Department	6		30,274		30,274
Murrurundi	9	Blandford School Murrurundi. Realign Short Section and Improvement to Curve (MTR 2510).	Department	2		4,014		4,014
Newcastle	9	Junction SH10 and SH9 at Hexham 16.4 km north of Newcastle. Widening to extend left turn lane.	Department	6		12,170		12,170
Parry	9	Intersection SH9 and Denman St., Kootingal. Intersection Improvement.	Department	2		7,885		7,885
Scone	9	New England Highway and Charles St., Moonbi. Realignment.	Department	2	34,198	4,072		38,270
Tamworth	9	New England Highway 2.0 km to 4.5 km north of Tamworth. Extension of five narrow culverts.	Department	2	4,291	511		4,802
	TOTAL	9						97,415

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Bellingen	10	SH10 and Bridge over Bellingen River, Raleigh. Guardrail on bridges approaches.	Department	1	3,423	284		3,707
Coffs Harbour	10	SH10 North Sapphire Beach and Old Coast Roads, Coffs Harbour. Reconstruction of Turnouts (MTR 2901).	Department	1	21,276	1,770		23,046
Gosford	10	Henry Parry Dr. and Erina St. East, Gosford. Signals.	Department	2		33,325		33,325
Gosford	10	Intersection Mann St. and Erina St., Gosford. Roadworks associated with Signals-Site No.1173.	Council	2		4,022		4,022
Hornsby	10	Pacific Highway and Galston Rd., Asquith. Channelisation.	Department	7		58-		58-
Hornsby	10	SH10 and Galston Rd., Asquith. Channelisation.	Department	7	3,108	259		3,367
Ku-Ring-Gai	10	Pacific Highway Ryde Rd. and Mona Vale Rd., Pymble. Traffic Signal Reconstruction.	Department	6		6,991		6,991
Ku-Ring-Gai	10	Pacific Highway and Kissing Point Rd., Turramurra. Traffic Signal Reconstruction.	Department	6		146-		146-
Ku-Ring-Gai	10	Boundary St. and Pacific Highway, Roseville. Traffic Signals.	Department			1,822		1,822
Ku-Ring-Gai	10	Pacific Highway at Railway Station, Pymble. Pedestrian Subway.	Department	6	221,879	18,455		240,334
Ku-Ring-Gai	10	Pacific Highway and Provincial Rd., Lindfield. Signals and Roadworks.	Department	6	854	71		925
Ku-Ring-Gai	10	Pacific Highway and MacLaurin Pde., Roseville. Signals.	Department	6	26,505	2,204		28,709
Ku-Ring-Gai	10	Intersection of SH10 and Livingstone Ave., Pymble. Signals - Site No. 1109.	Department	6	12,254	1,019		13,273
Ku-Ring-Gai	10	Intersection of SH10 and Clanville Rd., Roseville. Signals and Modified Channelisation Site No.2576.	Department	6	1,578	131		1,709
Lake Macquarie	10	Pacific Highway and Macquarie St., Belmont. Signal Reconstruction.	Department	6		39,160		39,160
Lake Macquarie	10	Intersection SH10 Sydney St. and The Crescent, Gateshead. Signals - Site No. 383.	Department	6		1,227		1,227
Lake Macquarie	10	Pacific Highway and George St., Belmont. Signals.	Department	6	32,841	2,731		35,572
Lake Macquarie	10	Intersection of SH10 and Evan St., Belmont. Signals and Modified Channelisation Site No.2605.	Department	6	15,668	1,303		16,971
Manning	10	15.4 km north of Taree. Channelisation.	Department	1		108,565		108,565

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0007

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Newcastle	10	Hunter St. and Stewart Ave., Wickham. Signals Site No. 1197.	Department	6		961		961
Newcastle	10	Maitland Rd. Carington Rd. and Silsoe St., Mayfield. Signals - Site No. 1313.	Department	6		880		880
Newcastle	10	Maitland Rd. and Wallsend Rd., Sandgate. Right Turn Lane.	Council	6		8,673		8,673
Newcastle	10	Intersection Hunter and Denison St., Newcastle. Improvement (MTR 2225).	Council	6		2,194		2,194
Newcastle	10	Iron Bark Creek Bridge at Hexham. Pavement Correction.	Council	6	3,797	316		4,113
Taree	10	37.39 km north of Bulahdelah to 39.93 km north of Taree. Advisory Speed Signs on Curves.	Department	1		69		69
Tweed	10	SH10 and Bay St., Tweed Heads. Signals Site No. 1499 (MTR 2896).	Department	6		12,448		12,448
Tweed	10	SH10 Bridge over Terranora Inlet and over Tweed River. Guardrail on Bridge Approaches.	Department	1	301-	26-		327-
Tweed	10	Intersection Pacific Highway and Bay St., Tweed Heads. Signal Site No. 1499.	Department	6	1,393-	116-		1,509-
Willoughby	10	Intersection with Ashley St., Chatswood. Signals - Site No. 1285.	Department	6		137		137
Willoughby	10	Intersection of SH10, Wyvern St. and William St., Chatswood. Signals - Site No. 1305 (MTR 2596).	Department	6		489		489
Willoughby	10	Fullers Rd., Pacific Highway and Help St., Chatswood. Traffic Signal Reconstruction.	Department	6		6,220		6,220
Wyong	10	Intersection of SH10 and MR509 Doyalson. Signals - Site No. 1311 (MTR 2601).	Department	1		34,890		34,890
Wyong	10	Junction with Kanangra Dr. 125.54 km north of Sydney. Widening of Pavement.	Department	1		1,784		1,784
Wyong	10	SH10, Kingsford Smith Dr., and Berkeley Dr., Berkeley Vale. Guardrail on various bridge approaches.	Council	1		1,182		1,182
TOTAL		10						634,725

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Moree	12	SH12 at Mehi River, Moree. Guardrail on bridge approaches.	Council	2	1,826	152		1,978
Nymboida	12	SH12 32 km to 36 km west of Grafton. Clear roadside growth and widening of shoulders.	Department	2	11,409	949		12,358
Yallaroi	12	Bridge over Gwydir River - 23.1 km west of Warialda. Guardrail.	Council	2	4,337	360		4,697
Yallaroi	12	13 km west of Warialda. Realign short section (MTR 2505).	Council	2		8,055		8,055
	TOTAL	12						27,088
Bankstown	13	Intersection Woodville Rd. and Villawood Rd., Villawood. Channelisation.	Department	6		680-		680-
Baulkham Hills	13	Intersection of SH13 and MR156 west Pennant Hills. Signals - Site No. 1150 (MTR 2593).	Department	6		550		550
Hornsby	13	Intersection of SH13 and Boundary Rd., Pennant Hills. Signals Site No. 1170.	Department	6		626		626
Hornsby	13	Pennant Hills Rd., Normanhurst Rd., Osborn St., Normanhurst. Signals.	Department	6		14,284		14,284
Hornsby	13	Pennant Hills Rd., The Crescent and Railway St., Pennant Hills. Signals.	Department	6		808		808
Hornsby	13	Pennant Hills Rd., Duffy Ave., and Trelawney St., Thornleigh. Signals.	Department	6		9,338		9,338
Hornsby	13	Pennant Hills Rd. and Dartford Rd., Normanhurst and Baker St., Carlingford. Resheeting pavement surface.	Department	6	9,937	827		10,764
Parramatta	13	Intersection Woodville Rd. and Guildford Rd., Guildford. Channelisation.	Department	6		20,127		20,127
Parramatta	13	Church St. and Victoria Rd., Parramatta. Signals.	Department	6		2,426		2,426
Parramatta	13	Pennant Hills Rd. and Carlingford Rd., Carlingford. Signals.	Department	6		23,130		23,130
Parramatta	13	Woodville Rd. and Oxford St., Guildford. Signals.	Department	6	34,570	2,875		37,445
Parramatta	13	Pennant Hills Rd. and Marsden Rd., Carlingford. Signals.	Department	6	17,842	1,484		19,326
	TOTAL	13						138,144

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0009

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	STATE HIGHWAYS (CONT'D)							
Wentworth	14	Sturt Highway and Bridge over Murray River. Signals.	Department	1	29,589	2,461		32,050
	TOTAL	14						32,050
Kyogle	16	SH16, 34.7 km to 38 km west of Casino. Provide 7.5 metres of Guardrail on Richmond Range.	Department	2	8	1		9
Lismore	16	Bruxner Highway and Kadina St., Lismore. Channelisation.	Council	2	22,818	1,898		24,716
Lismore	16	Hunter, Zadoc and Milton Sts., inters. Lismore. Bus Bays (MTR 2567).	Council	2		2,589-		2,589-
Lismore	16	Dawson St., Woodlark St. and Uralbar St., Lismore. Signals.	Department	3	5,704	475		6,179
	TOTAL	16						28,315
Walgett	18	Single Lane Bridge over Namoi River at Walgett. Temporary installation of Traffic Signals.	Department	2		878		878
	TOTAL	18						878
Berrigan	20	Tuppall St. and Riverina Highway, Berrigan. Channelisation (MTR 2538)	Council	4		1,134-		1,134-
	TOTAL	20						1,134-
Gosford	26	Intersection SH26 and Pacific Highway, Ourimbah. Channelisation.	Department	1		9-		9-
Gosford	26	SH26 at Somersby. Improvement of Sight Distance.	Department	1		2,582		2,582
Gosford	26	75.0 km to 80.2 km north of Sydney. Sealed Shoulders.	Department	1	95,154	11,331		106,485
	TOTAL	26						109,058
	TOTAL	STATE HIGHWAYS						2,373,352

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
TRUNK ROADS								
Queanbeyan	51	Intersection TR51 and Kendall Ave., Queanbeyan. Channelisation (MTR 2552).	Council	2		4,128		4,128
	TOTAL	51						4,128
Goodradigbee	52	3.3 km and 4.5 km from Gundaroo. Improvement to Intersection.	Council	2		459-		459-
	TOTAL	52						459-
Bathurst	54	Intersection Vale Rd. and Rocket St. and Alpha St., Bathurst. Improvement to railway bridge approach.	Council	2	38,988	3,243		42,231
Mulwaree	54	8.4 km north of Goulburn. Realign short section.	Council	2		82		82
	TOTAL	54						42,313
Goodradigbee	56	Waugoola Shire Boundary to Yass. Advisory Speed Signs on curves.	Council	2		257		257
	TOTAL	56						257
Goobang	61	TR 61 and MR 234 - Various Locations. Widening of existing culverts.	Council	3	1,063	88		1,151
	TOTAL	61						1,151
Merriwa	62	Isolated curve 8.0 km west of Merriwa. Adjust superelevation (MTR 2512).	Council	2		168		168
	TOTAL	62						168
Bingara	63	27.0 km south of Bingara. Realign short section (MTR 2506).	Council	3		1,620		1,620
	TOTAL	63						1,620
Bourke	68	Jandra Creek Bridge No.2 10.0 km south of Bourke. Guardrail on bridge approaches (MTR 2406).	Council	1		469		469
Bourke	68	Jandra Creek Bridge No.2 10.0 km south of Bourke. Guardrail on bridge approaches.	Council	1		362		362
Bourke	68	Adjacent to Bourke High School Bourke. Bus Bay.	Council	1		125		125
Central Darling	68	TR 68 and Shire Rd. No. 1 - Various Locations. Guardrail on bridge approaches.	Council	3	3,677	305		3,982
	TOTAL	68						4,938

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0011

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
TRUNK ROADS (CONT'D)								
Namoi	72	Bridge over Deadmans Gully. Guardrail on bridge approaches (MTR 2406).	Council	2		70		70
	TOTAL	72						70
Guyra	73	TR 73 at Sandy Creek, Guyra. Guardrail on bridge approaches.	Council	3	5,003	417		5,420
	TOTAL	73						5,420
Bellingen	76	Intersection TR76 and Rocky Creek Rd. Visibility Improvement (MTR 2498).	Council	2		71		71
	TOTAL	76						71
Burrangong	78	Int. with Rd. to Bendick Murrel. Seal Shoulders on Curve (MTR 2555).	Council	2		168		168
Cootamundra	78	Two Railway Overbridges at Cootamundra. Removal of brick parapet (MTR 2556).	Council	2		1,435		1,435
Harden	78	TR78 Various Locations. Improvement to vertical alignment.	Council	2	21,908	1,823		23,731
Illabo	78	17 km north of Junnee at Illabo Village. Curve Improvement.	Council	2		8,033		8,033
Wagga Wagga	78	TR78 and Oura Rd., Wagga Wagga. Channelisation.	Council	2	2,347	195		2,542
Wagga Wagga	78	Fitzmaurice St. and Johnston St., Wagga Wagga Signals.	Department	2	40,523	3,371		43,894
Wagga Wagga	78	Intersection Baylis St. and Forsyth St., Wagga Wagga. Signals.	Department	2	47,003	3,909		50,912
Wagga Wagga	78	Fitzmaurice St. and Gurwood St., Wagga Wagga. Signals.	Department	2	37,818	3,146		40,964
	TOTAL	78						171,679
Leeton	80	Intersection TR 80 and MR 539. Visibility Improvement (MTR 2544)	Council	3	369-	31-		400-
	TOTAL	80						400-
Newcastle	82	Broadmeadow Rd. and Brisbane Rd., Broadmeadow. Channelised Intersection (MTR 2203).	Council	7		1,906		1,906
Newcastle	82	Intersection Donald St. and Beaumont St., Hamilton. Improvement (MTR 2478).	Council	7		3,511-		3,511-

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0012

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	TRUNK ROADS (CONT'D)							
Newcastle	82	Griffiths Rd. and Lambton Rd., Lambton. Signals.	Department	6	41,868	3,482		45,350
Newcastle	82	Intersection of Griffiths Rd. and Orlando Rd., Signals - Site No. 1168 (MTR 2615).	Department	6	964	80		1,044
	TOTAL	82						<u>44,789</u>
Cootamundra	84	Trunk Rd. No. 84 Wallendbeen. Street Lighting.	Council	3		297		297
Goodrdigbee	84	SH2 to Mt. Bobbara 6.44 km west of Binalong. Advisory Speed Signs on curves.	Council	3		1,323-		1,323-
Harden	84	TR84 Various Locations. Guard Fencing.	Council	3		12,543		12,543
Harden	84	Demondrille Creek Bridge. Guardrail around roadside objects (MTR 2407).	Council	3		150		150
	TOTAL	84						<u>11,667</u>
Bombala	93	Mila Rd. - 14 km south of Bombala. Pavement Widening.	Council	2		20,267		20,267
	TOTAL	93						<u>20,267</u>
Wakool	94	Trunk Rd. 94 67 km west of Deniliquin. Widening of irrigation crossing.	Department	2	15,972	1,329		17,301
	TOTAL	94						<u>17,301</u>
	TOTAL	TRUNK ROADS						<u>324,980</u>

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0013

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS							
Parry	105	21.2 km to 21.43 km and 22.05 km to 22.17 km south of Tamworth. Chainwire protection fencing adjacent to curves (MTR 2406).	Council	3		69		69
Parry	105	22.4 km east of Tamworth. Improvement to curves.	Council	3	17,299	1,439		18,738
	TOTAL	105						18,807
Port Stephens	108	East of Gowrie Ave., Nelson Bay. Removal of Crest.	Council	6	60,729	5,052		65,781
	TOTAL	108						65,781
Bingara	133	Killarney Gap. Guardrail on curves (MTR 2417).	Council	3	104	9		113
Namoi	133	MR 133 at Killarney Gap, Nandewar Range. Guardrail on curves.	Council	3	69	6		75
	TOTAL	133						188
Hornsby	139	Intersection with Lyne Rd., Cheltenham. Curve Improvement (MTR 2449).	Council	6		354		354
Hornsby	139	Beecroft Rd. and Hannah St., Beecroft. Channelised Intersection.	Council	6		324-		324-
Parramatta	139	MR139 between Carlingford Rd. and Epping Overbridge. Adjustment of medians.	Department	6	109	9		118
	TOTAL	139						148
Ulmarra	151	MR151 from 69.1 km to 69.4 km north of Coffs Harbour. Reconstruction to eliminate sharp crest and small radius curve.	Council	3	13,691	1,138		14,829
	TOTAL	151						14,829
Manly	159	Pittwater Rd. and Collingwood St., Manly. Pedestrian Signals.	Department	6		440		440
	TOTAL	159						440
Ku-Ring-Gai	162	Mona Vale Rd. south of Mawson St., St. Ives. Pedestrian Signals.	Department	6		14,490		14,490
Ku-Ring-Gai	162	Richmond Rd., St. Ives. Access Road.	Department	6		15,077		15,077
Ku-Ring-Gai	162	Mona Vale Rd. and Woodbury Rd., St. Ives. Signals.	Department	6	6,669	554		7,223
Ku-Ring-Gai	162	Mona Vale Rd. and Killeaton St., St. Ives. Signals.	Department	6	40,937	3,405		44,342

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0014

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Ku-Ring-Gai	162	Mona Vale Rd. and Telegraph Rd., Pymble. Signals.	Department	6	28,305	2,354		30,659
Ryde	162	Lane Cove Rd. and Waterloo Rd., North Ryde. Signals.	Department	6		853-		853-
Warringah	162	Mona Vale Rd. and Wakehurst Parkway. Guardrail.	Department	6		11,047		11,047
	TOTAL	162						<u>121,985</u>
Manly	164	Sydney Rd. and Hill St., Fairlight. Signals.	Department	6		1,602		1,602
Manly	164	Sydney Rd. and Thornton St., Fairlight. Signals - Pedestrian.	Department	6	4,327	360		4,687
Mosman	164	Spit Rd. and Medusa St., The Spit. Signals.	Department	6	31,391	2,611		34,002
Warringah	164	Barrenjoey Rd. and Avalon Pde., Avalon. Signals.	Department	6		12,269		12,269
Warringah	164	Pittwater Rd. and Waterloo St., Narrabeen. Signals.	Department	6		4,810		4,810
Warringah	164	Condamine St. and Kenneth St., Manly Vale. Traffic Signal Reconstruction.	Department	6		24,822		24,822
Warringah	164	Intersection Pittwater Rd. at Longreef Collaroy. Improve Superelevation.	Council	6		19,268		19,268
Warringah	164	Intersection with Park St. and Golf Ave., Mona Vale. Signals - Site No. 1050.	Department	6		796		796
Warringah	164	Intersection of Pittwater Rd. and Mactier St., Narrabeen. Signals - Site No. 1256.	Department	6		650		650
Warringah	164	Intersection Condamine St. and Old Pittwater Rd., North Manly. Roadworks associated with Signals Site No. 1259.	Council	6		541		541
Warringah	164	Pittwater Rd. and Coronation St., Mona Vale. Signals.	Department	6	27,957	2,325		30,282
Warringah	164	Barrenjoey Rd., Central Rd. and Kevin Ave., Avalon. Signals.	Department	6	8,879	739		9,618
	TOTAL	164						<u>143,347</u>
Hunters Hill	165	Intersection Victoria Rd. and Meriton St., Gladesville. Signals - Site No. 1016.	Department	6		526		526
Hunters Hill	165	Victoria Rd. and Meriton St., Gladesville. Signal Site No. 1016.	Department	6		551		551
Leichhardt	165	Victoria Rd. and Sommerville Rd., Glebe Island. Signals.	Department	6	40,768	3,391		44,159

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0015

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Parramatta	165	Intersection Victoria Rd. and O'Connell St., Parramatta. Roadworks associated with Signals - Site No. 1105.	Department	6		192		192
Sydney	165	Eastern Approach to Glebe Island Bridge Pyrmont. Improvement to curve.	Council	6		9,941		9,941
	TOTAL	165						55,369
Lane Cove	166	Epping Rd. and Centennial Ave., Lane Cove. Signal Reconstruction.	Department	6		4,550		4,550
Lane Cove	166	Burns Bay Rd. and Penrose St., West Lane Cove. Traffic Signal Reconstruction.	Department	6		335		335
	TOTAL	166						4,885
Marrickville	167	New Canterbury Rd. and Duntroon St., Hurlstone Park. Signals Site No. 1303.	Department	6		542		542
	TOTAL	167						542
Hurstville	168	Intersection Forest Rd. and Stoney Creek Rd., Peakhurst. Signals - Site No. 1063.	Department	6		525		525
Hurstville	168	Intersection of MR168 and Croydon Rd., Hurstville. Signals - Site No. 1025.	Department	6		1,099		1,099
Rockdale	168	Forest Rd. and Willison Rd., Bexley. Signals.	Department	6	31,040	2,582		33,622
	TOTAL	168						35,246
Botany	170	Botany Rd., Foreshore Rd. and Penrhyn Rd., Banksmeadow. Signals.	Department	9		5,288		5,288
South Sydney	170	Botany Rd. and McEvoy St., Alexandria. Traffic Signal Reconstruction.	Department	6		63		63
South Sydney	170	Botany Rd. and Collins St., Rosebery. Signals.	Department	6		773		773
South Sydney	170	Botany Rd. and Buckland St., Waterloo. Traffic Signal Reconstruction.	Department	6		89		89
South Sydney	170	Botany Rd. and Harcourt Parade, Rosebery. Signals.	Department	6		254		254
	TOTAL	170						6,467
Botany	171	Intersection with Perry St. and Franklin St., Matraville. Signals - Site No. 1262.	Department	7		3,507		3,507
Randwick	171	Intersection Bunnerong Rd. and Perry St., Matraville. Signals Site No. 1262.	Department	7		2,170		2,170

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0016

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Randwick	171	Bunnerong Rd. and Beauchamp Rd., Matraville. Traffic Signal Reconstruction.	Department	6		654-		654-
	TOTAL	171						5,023
Sydney	172	Intersection of Oxford St. and Napier St., Paddington. Signals Site No. 907.	Department	6		10,605		10,605
Woollahra	172	Wellington St. north of Bondi Rd., Bondi. Pedestrian Signals.	Department	6		1,067		1,067
Woollahra	172	Bondi Rd., Old South Head Rd., Oxford St., Bondi Junction Bypass. Signals.	Department	6		50,150		50,150
Woollahra	172	York Rd. and Oxford St., Woollahra. Signals.	Department	6	23,343	1,942		25,285
	TOTAL	172						87,107
Waverley	173	New South Head Rd., Ocean St. and Ocean Ave., Edgecliff. Traffic Signal Reconstruction.	Department	6		33,705		33,705
Waverley	173	New South Head Rd. and Bus Tunnel Edgecliff. Traffic Signal Reconstruction.	Department	6		29,536		29,536
Woollahra	173	Intersection New South Head Rd. and Wolseley St., Pt. Piper. Skid Resistance (MTR 3087).	Council	6		29,802		29,802
Woollahra	173	New South Head Rd. and Vaucluse Rd., Vaucluse. Signals.	Department	6	29,367	2,443		31,810
	TOTAL	173						124,853
Campbelltown	177	Queen St. and Dumaresq St., Campbelltown. Signals.	Department	6	2,076	172		2,248
Campbelltown	177	Queen St. and Railway St., Campbelltown. Signals.	Department	6	8,624	717		9,341
Wollondilly	177	Appin to Wollondilly Shire Boundary. Bituminous surfacing of shoulders on crests (MTR 2282).	Council	2		1,483		1,483
	TOTAL	177						13,072
Botany	183	Ricketty St. and Shea's Creek, Mascot. Pedestrian Subway.	Department	6	7,783	647		8,430
Botany	183	Gardeners Rd., Glen Bridges Cr., and Houston Rd., Kingsford. Signals.	Department	6	37,058	3,082		40,140

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0017

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Randwick	183	Gardeners Rd. east of Doncaster Ave., Kingsford. Pedestrian Signals.	Department	6		118		118
	TOTAL	183						48,688
Baulkham Hills	184	Intersection of Windsor Rd. and Moxhams Rd., Northmead. Signals - Site No. 1086 (MTR 2622).	Department	6		603		603
Baulkham Hills	184	Intersection Windsor Rd., Junction Rd. and Linton St., Baulkham Hills. Signals - Site No. 1243.	Department	6		1,422		1,422
Baulkham Hills	184	Windsor Rd. and Showground Rd., Kellyville. Signals.	Department	6		8,619		8,619
Baulkham Hills	184	Windsor Rd. and Coronation Pde., Baulkham Hills. Signals.	Department	6	315-	26-		341-
Colo	184	Intersection with Grose Vale and Terrace Roads, North Richmond. Channelised Intersection (MTR 2273).	Council	2		2,485-		2,485-
Windsor	184	Windsor Rd. and Pitt Town Rd., McGraths Hill. Signals.	Department	6	2,729	227		2,956
Windsor	184	Windsor Rd. and Macquarie St., Windsor. Signal Site No. 1282 (MTR 2756).	Department	6	29,868	2,484		32,352
Windsor	184	Windsor Rd. and Pitt Town Rd., McGraths Hill. Intersection Improvement.	Department	6	3,745	312		4,057
	TOTAL	184						47,183
Wollongong	185	Lawrence Hargrave Dr. - Five Locations. Bus Bays.	Department	6	1,459	121		1,580
	TOTAL	185						1,580
Newcastle	188	Werribi St. and Industrial Dr., Mayfield. Signals.	Department	7	36,277	3,018		39,295
	TOTAL	188						39,295
Auburn	190	Joseph St. and Lidcombe Hospital Entrance, Lidcombe. Signals.	Department	6		10,042		10,042
Auburn	190	Joseph St. and Amy St., Regents Park. Signals.	Department	6	22,076	1,836		23,912
Auburn	190	Olympic Dr., Church St. and Bridge St., Lidcombe. Signals.	Department	6	45,046	3,747		48,793
Bankstown	190	Brandon Ave. and Chapel Rd., Bankstown. Signals.	Department	6		374-		374-
	TOTAL	190						82,373

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0018

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
South Sydney	193	Intersection Copeland St. and Mitchell Rd., Alexandria. Signals - Site No. 1340.	Department	6		2,171		2,171
	TOTAL	193						2,171
Rockdale	199	Intersection of Rocky Point Rd. and Sandringham St., Sans Souci. Signals Site No. 1154.	Department	6		349		349
Sutherland	199	Taren Point Rd., Holt Rd. and Toorak Ave., Taren Point. Traffic Signal Reconstruction.	Department	6		7,051-		7,051-
	TOTAL	199						6,702-
Parramatta	200	Approaches to Ryde Bridge - Concord Rd. and Church St., Rhodes. Moveable Medians.	Department	6		36,112.		36,112
	TOTAL	200						36,112
Lake Macquarie	217	Junction of Lake Rd. with Reservoir Rd., Glendale. Improvement of Visibility (MTR 2047).	Council	7		501		501
Lake Macquarie	217	42.47 km to 44.37 km south of SH23 Wyee. Widening of and seal road shoulders on curves (MTR 2044).	Council	7		310		310
Lake Macquarie	217	Toronto Rd. and Macquarie Rd., Fennell Bay. Signals.	Department	7	123,656	10,285		133,941
Lake Macquarie	217	Toronto Rd. and Macquarie Rd., Fennell Bay. Signals Site No. 1377 (MTR 2870).	Department	7	16,205	1,348		17,553
	TOTAL	217						152,305
Newcastle	223	Curley Rd., Broadmeadow. Channelised Intersection (MTR 2292).	Council	6		2,184		2,184
	TOTAL	223						2,184
Sutherland	227	The Kingsway, Port Hacking Rd. and Cawarra Rd., Caringbah. Traffic Signal Reconstruction.	Department	6		916		916
	TOTAL	227						916
Boomi	232	Garrah-Boomi Rd. Waalanca Bridge over Whalan Creek at Euraba. Guardrail.	Council	3	7,986	665		8,651
	TOTAL	232						8,651

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0019

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Goulburn	256	Goulburn to Taralga. Advisory Speed Signs.	Council	3		29		29
	TOTAL	256						29
Tumbarumba	281	Approaches to bridge over Murray River at Tintaladra. Guardrail Item.	Council	3		8,101		8,101
	TOTAL	281						8,101
Tumbarumba	282	31.9 km to 36.1 km south of Tumbarumba. Guardrail Item 3121.	Council	3		35,807		35,807
	TOTAL	282						35,807
Dungog	301	Isolated curve 2.6 km north of Clarencetown. Adjust Superelevation (MTR 2484).	Council	3		144		144
	TOTAL	301						144
Parramatta	309	Aston St. and Prospect St., Rosehill. Signals.	Department	6		35,168		35,168
	TOTAL	309						35,168
Kogarah	315	At South Hurstville Public School. Pedestrian Overbridge (MTR 2340).	Department	6		14,171		14,171
Kogarah	315	King Georges Rd. and Hillcrest Ave., Hurstville. Signal Reconstruction.	Department	6		5,293		5,293
Kogarah	315	King Georges Rd. and Phillip St., Blakehurst. Signals.	Department	6	25,337	2,108		27,445
Rockdale	315	King Georges Rd. and Stony Creek Rd., Penshurst. Signal Reconstruction.	Department	6	50,271	4,182		54,453
	TOTAL	315						101,362
Newcastle	316	Intersection Hannell St. and Cowper St., Newcastle. Improvement (MTR 2485).	Council	6		18,989-		18,989-
Newcastle	316	Industrial Dr. and Elizabeth Dr., Tighes Hill. Signals Site No. 1495 (MTR 2876).	Department	6	373	31		404
Newcastle	316	Hannell St. and Lee Wharf Rd., Wickham. Signals Site No. 1379 (MTR 2874).	Department	6	32,135	2,673		34,808
Newcastle	316	Industrial Dr. east of Avon St., Mayfield. Signals Pedestrian 1465 (MTR 2880).	Department	6	198	16		214
Newcastle	316	Bridge over Selwyn St., Tighes Hill. Guardrail.	Council	6	110	9		119
	TOTAL	316						16,556

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0020

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Randwick	317	Malabar Rd. and Fitzgerald Ave., Maroubra. Signals.	Department	6	32,616	2,713		35,329
	TOTAL	317						35,329
Wakool	319	Junctions of MR319 and 25.0 km 34.2 km 60.8 km North Barham. Pavement Widening.	Council	3		1,189		1,189
	TOTAL	319						1,189
Newcastle	326	Turton and Georgetown Roads, Georgetown. Improvement (MTR 2232).	Council	6		589		589
	TOTAL	326						589
Randwick	327	Alison Rd. from Anzac Parade to Doncaster Ave., Randwick. Bus Road.	Department	6		97,477		97,477
	TOTAL	327						97,477
Ku-Ring-Gai	328	Boundary St. and Babbage Rd., Roseville. Extra Lanes.	Department	6		112,797		112,797
Warringah	328	Intersection Warringah Rd. and Beacon Hill Rd., Beacon Hill. Signals - Site No. 1339.	Department	6		5,876		5,876
	TOTAL	328						118,673
Sydney	330	Cleveland St. east of South Dowling St., Moore Park. Pedestrian Signals.	Department	6		5,374		5,374
	TOTAL	330						5,374
Gosford	336	Intersection MR336 and Ocean View Rd., Gosford. Improve Site Distance.	Council	6		649		649
Gosford	336	MR336 and Terrigal Rd., Erina. Channelisation.	Council	3		51,285		51,285
Gosford	336	York St. and Henry Parry Dr., Gosford. Signals.	Department	3	25,888	2,153		28,041
	TOTAL	336						79,975
Wellington	353	Coomabella to SH 7. Provide shoulders (MTR 2359).	Council	3		93		93
	TOTAL	353						93

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0021

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Hornsby	373	Essex St. and Epping Rd., Epping. Signals.	Department	6	24,383	2,028		26,411
Ryde	373	Intersection Epping Rd. and Delhi Rd., North Ryde. Right Turn Storage Bay Extension.	Department	6		11,941		11,941
Ryde	373	Epping Rd. near Paul St., North Ryde. Pedestrian Bridge.	Department	6		1,657		1,657
	TOTAL	373						40,009
Drummoyne	395	Intersection Lyons Rd. and Brent St., Russell Lea. Signals.	Department	6		471		471
Drummoyne	395	Lyons Rd. and Gipps St., Drummoyne. Signals.	Department	6		28,112		28,112
	TOTAL	395						28,583
Warringah	397	Wakehurst Parkway and Frenchs Forest Rd., Frenchs Forest. Signals.	Department	6		607		607
	TOTAL	397						607
Tweed	399	MR399 from 15.2 km to 15.7 km north of Murwillumbah. Deviation to eliminate substandard alignment.	Council	3	13,691	1,138		14,829
	TOTAL	399						14,829
Bourke	404	Green Creek Bridge Approaches. Guardrail	Council	3		175		175
	TOTAL	404						175
Bankstown	508	Intersection Henry Lawson Dr. and Bullecourt Ave., Milperra. Signals.	Department	6		163,013		163,013
Bankstown	508	Henry Lawson Dr. and Bullecourt Ave., Milperra. Channelisation.	Department	6		68,293-		68,293-
	TOTAL	508						94,720
Fairfield	515	Elizabeth Dr. and Meadows Rd., Mount Pritchard. Signals.	Department	6	11,641	968		12,609
	TOTAL	515						12,609
Shellharbour	522	Intersection of MR522 and MR611 at Warrilla. Installation of Traffic Signals.	Department	6		1,077		1,077
Wollongong	522	Windang Rd., Windang. Bus Bays.	Council	8		6,560		6,560
Wollongong	522	Shellharbour Rd. and Pur Pur Ave., Lake Illawarra. Signals.	Department	6	24,727	2,057		26,784

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0022

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Wollongong	522	Windang Rd. and Boronia Ave., Windang. Signals.	Department	6	2,894	241		3,135
	TOTAL	522						37,556
South Sydney	528	Wyndham St. and McEvoy St., Waterloo. Signal Reconstruction.	Department	8		23,487		23,487
	TOTAL	528						23,487
Warringah	529	Forest Way near Rabbett St., Frenchs Forest. Pedestrian Signals.	Department	6		1,179		1,179
Warringah	529	Intersection with Adams St., Frenchs Forest. Signals - Site No. 1304.	Department	6		8,635		8,635
	TOTAL	529						9,814
Warringah	530	Intersection Oliver St. and Cavill St., Queenscliff. Signals - Site No. 1307.	Department	7		22,906		22,906
Warringah	530	Griffin Rd. and Pitt Rd., North Curl Curl. Signals.	Department	7	27,376	2,277		29,653
Warringah	530	Oliver St. and Wyadra Ave., Harbord. Signals.	Department	7	26,600	2,213		28,813
	TOTAL	530						81,372
Auburn	532	Silverwater Rd. and Holker St., Silverwater. Extra Lanes.	Department	6		72,093		72,093
Auburn	532	Silverwater Rd. and Holker St., Silverwater. Signals.	Department	6		14,255		14,255
Parramatta	532	Silverwater Rd. and Carnarvon St., Silverwater. Signals.	Department	6		22,192		22,192
	TOTAL	532						108,540
Ashfield	549	Georges River Rd. and Holbrow St., Croydon. Signals.	Department	6	1,141	95		1,236
Burwood	549	Georges River Rd. and Brighton Ave., Croydon Park. Signals.	Department	6		575		575
	TOTAL	549						1,811
Greater Lithgow	567	MR567 to Craven at Wards River. Advisory Speed Signs on curves.	Council	3		4,559-		4,559-
	TOTAL	567						4,559-

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0023

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Wollongong	568	Springhill Rd. and Flat Products Ent: Port Kembla. Right Turn Lane (MTR 3111).	Council	6		192		192
Wollongong	568	Springhill Rd. and Masters Rd., Port Kembla. Right Turn Lane (MTR 3112).	Council	6		212		212
	TOTAL	568						404
Wellington	573	30 km to 51 km north of Orange. Removal of roadside growth.	Department	3		24,407		24,407
	TOTAL	573						24,407
Liverpool	578	MR578 Scott St. and George St., Liverpool. Signals.	Department	6		1,298		1,298
	TOTAL	578						1,298
Wollongong	581	Corrimal St. and Burelli St., Wollongong Signals.	Department	7	333	28		361
Wollongong	581	Corrimal St. and Burelli St., Wollongong Signals.	Department	7	18,301	1,522		19,823
Wollongong	581	Corrimal St. and Burelli St., Wollongong Channelisation.	Council	7	7,074	588		7,662
	TOTAL	581						27,846
Sydney	592	Cahill Expressway Loop - South of S.H.B. Improve Skid Resistance.	Department	6		105-		105-
	TOTAL	592						105-
Willoughby	599	Babbage Rd. north of Allen St., East Roseville. Pedestrian Signals Reconstruction.	Department	6		606		606
Willoughby	599	Eastern Valley Way and Edinburgh Rd., Castlecrag. Traffic Signal Reconstruction.	Department	6		33,978		33,978
Willoughby	599	Intersection of Eastern Valley Rd. and Smith St., Castle Cove. Signals - Site No. 1295 (MTR 2619).	Department	6		551		551
Willoughby	599	Eastern Valley Way and Robert St., Middle Cove. Signals.	Department	6	1,945	162		2,107
Willoughby	599	Eastern Valley Way and Robert St., Middle Cove. Signals.	Department	6	1,081	89		1,170
	TOTAL	599						38,412
Wollongong	602	Gladstone Ave. and The Avenue, Figtree. Signals.	Department	6		40,905-		40,905-
	TOTAL	602						40,905-

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0024

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	MAIN ROADS (CONT'D)							
Newcastle	605	Intersection of Rankin Dr., Hugo Ave., Moore St., Birmingham Gardens. Signals - Site No. 641 (MTR 2229).	Department	7		818		818
Newcastle	605	Rankin Dr. and Hugo Ave., Moore St., Birmingham Gardens. Channelised Intersection (MTR 2229).	Council	6		4,401		4,401
Newcastle	605	Intersection Lorne St. and Maude St., Waratah. Signals - Site No. 1298.	Department	7	4,752	395		5,147
	TOTAL	605						<u>10,366</u>
Fairfield	609	The Horsley Dr. and River Ave., Villawood. Signals.	Department	6		86,304		86,304
	TOTAL	609						<u>86,304</u>
	TOTAL	MAIN ROADS						<u>2,246,291</u>

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0025

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS							
Marrickville	2007	Intersection Gleeson and Burrows Ave., Sydenham. Signals - Site No. 1152.	Department	6		360		360
	TOTAL	2007						360
Rockdale	2014	Intersection Bexley Rd. and Barnsbury Grove, Bexley North. Signals.	Department	8	35,522	2,954		38,476
	TOTAL	2014						38,476
Marrickville	2018	Intersection Trafalgar St. and Regent St., Petersham. Pedestrian Signals.	Department	8	15,550	1,293		16,843
	TOTAL	2018						16,843
North Sydney	2019	Kurraba Rd., and Wycombe Rd., Neutral Bay. Signals.	Department	7	31,883	2,652		34,535
	TOTAL	2019						34,535
Canterbury	2021	Intersection Homer St. and Bayview Ave., Earlwood. Signals - Site No. 1317.	Department	6		551		551
Marrickville	2021	Intersection Marrickville Rd. and Gladstone St., Marrickville. Signals.	Department	6	12,015	999		13,014
Marrickville	2021	Intersection Illawarra Rd. and Warren Rd., Marrickville. Signals.	Department	6	28,619	2,380		30,999
Marrickville	2021	Marrickville Rd. and Victoria Rd., Marrickville. Signal Reconstruction.	Department	6	4,608	383		4,991
	TOTAL	2021						49,555
Ryde	2024	Balaclava Rd., Corunna Rd. and North Rd., Marsfield. Signals.	Department	7	37,346	3,106		40,452
	TOTAL	2024						40,452
Willoughby	2029	Willoughby Rd. opposite Garland St., Willoughby Curve adjustment.	Council	6		29,659		29,659
	TOTAL	2029						29,659

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0026

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Rockdale	2030	Wickham St. and West Botany St., Botany. Traffic Signal Reconstruction.	Department	8		16,493		16,493
	TOTAL	2030						16,493
Hunters Hill	2033	Gladesville Rd. and Ryde Rd., Hunters Hill. Signals.	Department	8		12,407		12,407
	TOTAL	2033						12,407
Leichhardt	2042	The Crescent north of Railway Pde., Rozelle. Adjust Superelevation (MTR 2433).	Council	6		873-		873-
Leichhardt	2042	Johnston St. and Collins St., Annandale. Signals and Roadworks.	Department	6	3,832	319		4,151
	TOTAL	2042						3,278
Leichhardt	2046	Tebbutt St., Foster St. and Lords St., Leichhardt. Signals.	Department	8	5,922	492		6,414
	TOTAL	2046						6,414
Ashfield	2064	Elizabeth St. and Charlotte St., Ashfield. Signals.	Department	8	23,988	1,995		25,983
	TOTAL	2064						25,983
Parramatta	2066	Intersection of Campbell St. and Marsden St., Pmtta. Signals - Site No. 1098 (MTR 2589).	Department	8		1,347		1,347
Parramatta	2066	Argyle St. and O'Connell St., Parramatta. Signals.	Department	8	68-	5-		73-
	TOTAL	2066						1,274
Auburn	2069	South Pde., The Crescent and Alice St., Auburn. Signals.	Department	8	9,275	772		10,047
Auburn	2069	Rawson St., The Crescent and South Pde., Auburn. Signals.	Department	8	8,986	748		9,734
Auburn	2069	Intersection Rawson St. and Northumberland Rd., Auburn. Signals.	Department	8	764	63		827
	TOTAL	2069						20,608
Fairfield	2071	Intersection Cabramatta Rd. and Orange Grove Rd., Cabramatta. Signals.	Department	6		14,969		14,969
Holroyd	2071	Intersection Betts Rd. and Merrylands Rd., Merrylands West. Signals - Site No. 1244	Department	6		431		431

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0027

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
		OTHER ROADS (CONT'D)						
Liverpool	2071	Copeland St., Orange Grove Rd. and Sydney Rd., Liverpool. Signals.	Department	6		7,842		7,842
	TOTAL	2071						23,242
Randwick	2074	Anzac Parade and Avoca St., Kingsford. Channelisation.	Council	6		45,106		45,106
	TOTAL	2074						45,106
Sutherland	2075	Inter. President Ave. and Wandella Rd., Miranda. Signals - Site No. 1251.	Department	7		82		82
	TOTAL	2075						82
Rockdale	2079	Inter. of West Botany St. and President Ave., Kogarah. Signals and Modified Channelisation Site No.2597.	Department	7		580		580
	TOTAL	2079						580
Ryde	2081	Inter. First Ave. and East Pde., Eastwood. Signals.	Department	7	22,189	1,846		24,035
	TOTAL	2081						24,035
South Sydney	2083	Elizabeth St. and Wellington St., Waterloo. Signals.	Department	6	10,899	907		11,806
	TOTAL	2083						11,806
Blacktown	2084	Seven Hills Rd., Olive St. and Federal Rd., Seven Hills. Signals.	Department	6	10,715	891		11,606
	TOTAL	2084						11,606
Blacktown	2085	Blacktown Rd. and Wall Park Ave., Blacktown. Signals.	Department	6		23		23
	TOTAL	2085						23
Bankstown	2090	Juno Parade and Roberts Rd., Greenacre. Signals.	Department	7	856	71		927
Bankstown	2090	Boronia Rd., Juno Pde. and Waterloo Rd., Greenacre. Signals.	Department	7	24,143	2,009		26,152
	TOTAL	2090						27,079

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Lane Cove	2092	Mowbray Rd. and Centennial Ave. West, Lane Cove. Signals.	Department	7	571	47		618
	TOTAL	2092						618
Willoughby	2093	Penshurst St. and Ashley St., Roseville. Signals.	Department	8	7,644	636		8,280
	TOTAL	2093						8,280
Bankstown	5016	Stacey St. and Stanley St., Bankstown. Signals.	Department	6	34,748	2,890		37,638
Bankstown	5016	Stacey St. and MacCauley Ave., Bankstown. Signals.	Department	6	44,550	3,705		48,255
	TOTAL	5016						85,893
Parramatta	5037	Pennant Hills Rd. and North Parramatta By-Pass, North Parramatta. Signals.	Department	6		3,798		3,798
	TOTAL	5037						3,798
Albury		Mate St. (SH 2) and Union St., Albury. Signals.	Department	8		172		172
Albury		Smollett St. and Olive St., Albury. Signals.	Department	4	60,357	5,020		65,377
Armidale		Rusden St. and Faulkner St., Armidale. Improve Capacity of Intersection.	Council	4	14,832	1,233		16,065
Armidale		Rusden St. and Dangar St., Armidale. Additional Lanes at Intersection.	Council	4	16,999	1,414		18,413
Auburn		Park Rd. and Chiswick Rd., Auburn. Signals.	Department	8		32,298		32,298
Auburn		Inter. Auburn Rd. and Beatrice St., Auburn. Signals.	Department	8	29,761	2,476		32,237
Auburn		South Pde. Railway Bridge Auburn. Pedestrian Bridge.	Department	8	1,664	139		1,803
Auburn		South Pde. Railway Bridge Auburn. Pedestrian Signals.	Department	8	26,693	2,220		28,913
Balranald		Weimby - Kyalite Rd. Improvement to vertical and horizontal alignment.	Council	4	8,100	674		8,774
Bankstown		Marion St. and Olympic Pde., Bankstown. Signals.	Department	8		4,472		4,472
Bankstown		Meredith St. and Rickard Rd., Bankstown. Signals.	Department	8	24,598	2,046		26,644

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0029

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Baulkham Hills		North Rocks Rd. and Lawndale Ave., North Rocks. Signals.	Department	8	40,972	3,408		44,380
Baulkham Hills		North Rocks Rd. and Statham Ave., North Rocks. Signals.	Department	8	29,166	2,426		31,592
Baulkham Hills		Barclay Rd. and North Rocks Rd., North Rocks. Signals.	Department	8	88,301	7,345		95,646
Baulkham Hills		North Rocks Rd.-Oakes Rd. to Pennant Hills Rd., Carlingford. Widening.	Council	8	573-	48-		621-
Blacktown		Intersection Patrick St. north of Alpha St., Blacktown. Signals Site No. 310.	Department	8		2,325		2,325
Blacktown		Carlisle St. and Luxford St., Mount Druitt. Signals.	Department	8	29,520	2,456		31,976
Boolooroo		Milroy Rd. 2.0 km west of SH 17. Realign Short Section (MTR 2505).	Council	4		52		52
Boorowa		Frogmore to Wyangala Rd. - Various Locations. Guardrail on Bridge Approaches (MTR 2406).	Council	4		119		119
Botany		King St. and Sutherland St., Mascot. Signals.	Department	8	1,037	87		1,124
Botany		Southern Cross Dr. and Wentworth Ave., Pagewood. Traffic Signal Reconstruction.	Department	8	3,053	254		3,307
Cabonne		Hillans Ck Bge. 1.0 km north of Cumnock towards SH7. Guardrail on Bridge Approaches (MTR 2406)	Council	4		267-		267-
Camden		Macquarie Gr. and Cobbity Rd. and Catherine Fields and Deepfields Rd. Upgrade street lighting at intersections (MTR 2403).	Council	8		894		894
Campbelltown		Short Length Georges River Rd., Campbelltown. Realignment and Widening (MTR 2468).	Council	8		148		148
Canterbury		Bayview Ave., Earlwood. Improve Skid Resistance.	Council	8		17,239		17,239
Canterbury		Inter. Broadarrow Rd. and Hannans Rd., Narwee. Signals - Site No. 1164.	Department	8		494		494
Canterbury		Inter. Fifth Ave. and Ninth Ave., Campsie. Signals.	Department	8	2,282	190		2,472
Carrathool		Willanthery Rd. 6 km north of Hillston Rd. Improvement of Alignment.	Council	4		56		56
Cowra		Taragala Rly. O/bge. linking Argoon St. to Baronga St., Cowra. Guardrail on bridge approaches (MTR 2406).	Council	4		25-		25-
Eurobodalla		Priority Rd. conditions - Cooma W.O. Improvement of Intersections.	Department	4		4,243		4,243

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0030

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Fairfield		The Crescent west of Smart St., Fairfield. Signals.	Department	8		756		756
Fairfield		Hamilton St. and The Boulevard, Fairfield Heights. Signals.	Department	8	317	26		343
Grafton		Inter. Prime St. and Fitzroy St., Grafton. Modify existing channelisation (MTR 2503).	Council	4		467-		467-
Greater Cessnock		Inter. Congewoi Rd. and Middle Rd., Paxton. Visibility improvement (MTR 2487).	Council	8		2,789-		2,789-
Holroyd		Merrylands Rd. and Cumberland Rd., Greystanes. Signals.	Department	8		875		875
Holroyd		Merrylands Rd., Chetwynd Rd. and Lockwood St., Merrylands. Signals.	Department	8		6,870		6,870
Holroyd		Merrylands Rd. and Treves St., Merrylands. Signals.	Department	8		3,771		3,771
Holroyd		Merrylands Rd. east of Cumberland Rd., Greystanes. Pedestrian Signals - Site No. P331.	Department	8		247		247
Holroyd		Inter. Gilba Rd. and Targo Rd., Girraween. Signals.	Department	8	125	11		136
Holroyd		Inter. Hawkesbury Rd. and Alexandra Ave., Westmead. Signals.	Department	8	51,410	4,276		55,686
Holroyd		Inter. Hawkesview St. and Chetwynd Rd., Guildford. Signals.	Department	8	37,169	3,092		40,261
Hornsby		Victoria Rd. and New Line Rd. West Pennant Hills. Kerb and Gutter and Full Width Sealing.	Council	8		22,244		22,244
Hunters Hill		Woolwich Rd. east of Gladstone St., Woolwich. Pedestrian Signals.	Department	8		51		51
Hurstville		Inter. Boundary Rd., Woronora Pde. and Pitt St., Mortdale. Channelisation.	Council	8		2,691		2,691
Hurstville		Inter. Boundary Rd. and Roberts Ave., Hurstville. Signals.	Department	8	27,351	2,275		29,626
Kogarah		Woniara Rd. and Hillcrest Ave., Hurstville. Signals.	Department	8	67,027	5,575		72,602
Ku-Ring-Gai		Inter. Fox Valley Rd. and The Comenarra Parkway, Fox Valley. Signals - Site No. 1310.	Department	8		681		681
Lake Macquarie		Smart St. near Pearson St., Charlestown. Pedestrian Signals.	Department	8		15,909		15,909
Liverpool		George St. and Moore St., Liverpool. Signals.	Department	8	623-	51-		674-
Liverpool		Inter. Bigge St. and Elizabeth St., Liverpool. Signals.	Department	8	323	27		350

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0031

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'wlth	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Marrickville		Inter. Marrickville Rd. and Petersham Rd., M'ville.	Department	8		1,401		1,401
		Signals - Site No. 1153.						
Marrickville		Inter. Railway Ave. and Liberty and Trade Sts., Stanmore.	Council	8		3,566		3,566
		Improvements.						
Marrickville		Unwins Bridge Rd. and Mary St., St. Peters.	Department	8	193-	16-		209-
		Signals.						
Mulwaree		Inter. SH2 to Wingella - Various Locations.	Council	4		203		203
		Advisory Speed Signs on curves.						
North Sydney		Murdoch St. and Rangers Rd., Cremorne.	Council	8		3,084-		3,084-
		Channelisation.						
North Sydney		Various Sites.	Council	8		2,151		2,151
		Channelisation.						
North Sydney		Inter. of Burton St. and Broughton St., Milsons Point.	Council	8		4,325		4,325
		Channelisation (MTR 2438).						
North Sydney		Inter. Ernest St. and Alexander St., Crows Nest.	Department	8		13,143		13,143
		Signals - Site No. 1306.						
North Sydney		F1 and Willoughby Rd., Naremburne.	Department	8	25,035	2,082		27,117
		Signals.						
North Sydney		Ernest St. and West St., Crows Nest.	Department	8	26,575	2,211		28,786
		Signals.						
North Sydney		Murdoch St. and Rangers Rd., Cremorne.	Department	8	2,512	209		2,721
		Signals.						
North Sydney		Ben Boyd Rd. and Yeo St., Neutral Bay.	Department	8	25,028	2,082		27,110
		Signals.						
Parramatta		Inter. of Dunmore St. and Station St., Wentworthville.	Department	8		1,800		1,800
		Signals Site No. 1327.						
Parramatta		Alfred St. and Weston St., Harris Park.	Council	8		20,390		20,390
		Intersection Improvement.						
Parramatta		Rawson St., Clyde St. and Ferndell St., South Granville.	Department	8	34,345	2,857		37,202
		Signals.						
Parramatta		Inter. Railway Pde. and Bold St., Granville.	Department	8	8,872	738		9,610
		Signals.						
Parramatta		Inter. Clyde St. and Wellington St., South Granville.	Department	8	27,012	2,247		29,259
		Signals.						
Parramatta		Marsden St. and Phillip St., Parramatta.	Department	8	16,960	1,411		18,371
		Signals.						
Parramatta		Macquarie St. and Smith St., Parramatta.	Department	8	830	69		899
		Signals.						
Penrith		Inter. Racecourse Rd. and Jamieson St., Penrith.	Council	8		927		927
		Visibility Improvement.						

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Queanbeyan		Thorpe Ave. and Hayes St., Queanbeyan. Storage Lanes and Improvement to Intersections.	Council	4	171	14		185
Randwick		Inter. Carr St., Carrington Rd., Dudley St., Randwick. Channelisation.	Council	8		4,929-		4,929-
Randwick		Inter. Perouse Rd. and Howard St., Canberra St., Randwick. Channelisation.	Council	8		6,179		6,179
Randwick		Alison Rd. and Carrington Rd., Randwick. Signals.	Department	8	626	53		679
Shellharbour		Central Ave. and The Boulevarde, Oak Flats. Convert Cross Inter. to T Junction (MTR 2410).	Council	8		22		22
Shoalhaven		Inter. Naval College Rd. and Hyams Beach Rd. Regrade to improve sight distance (MTR 2470).	Council	4		433		433
Shoalhaven		Junction St. and Kinghorne St., Nowra. Signals.	Department	4	620	52		672
Shoalhaven		Various Bridge Approaches - Six Locations. Guardrail on Bridge Approaches.	Department	4	11,431	951		12,382
South Sydney		Inter. Moorehead St. and Phillip St., Redfern. Signals - Site No. 1212.	Department	8		1,885		1,885
South Sydney		Coward St. and Kent Rd., Mascot. Signals.	Department	8		10,235		10,235
South Sydney		Mitchell Rd. and Buckland St., Alexandria. Traffic Signal Reconstruction.	Department	8		15		15
South Sydney		William Henry St. and Bulwarra Rd., Ultimo. Pedestrian Signals.	Department	8		1,013		1,013
South Sydney		Coward St. and Maloney St., Mascot. Signals.	Department	8		509		509
South Sydney		Riley St. and Foveaux St., Surry Hills. Signals.	Department	8	26,441	2,200		28,641
South Sydney		Redfern St. and George St., Redfern. Signals.	Department	8	26,439	2,199		28,638
Strathfield		Inter. Underwood Rd. and Pomeroy St., Homebush. Signals.	Department	8		4,761		4,761
Strathfield		Homebush Rd., Dean St., and Water St., Enfield. Signals.	Department	8	30,529	2,539		33,068
Sutherland		Cronulla St. at Cronulla Station, Cronulla. Pedestrian Signals.	Department	8		579		579
Sutherland		The Boulevarde and Wandella Rd., Miranda. Signals.	Department	8	2,215	184		2,399

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0033

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Sydney		Market St. from York St. to Clarence St., Sydney Widening.	Council	8		108,749		108,749
Sydney		Inter. Elizabeth St. and Devonshire St., Sydney Signals.	Department	8	28,784	2,394		31,178
Sydney		Harris St. and Ultimo Rd., Ultimo. Signals.	Department	8	3,840	319		4,159
Warringah		Inter. of Old Pittwater and Beacon Hill Rds., Brookvale. Signals and Modified Channelisation Site No.2608.	Department	8		19,568		19,568
Warringah		Alfred St. and McIntosh Rd., Narraweena. Signals.	Department	8	25,795	2,146		27,941
Warringah		Willandra Rd., Tristram Rd. and Lee Rd., Beacon Hill. Signals and Roadworks.	Department	8	863	72		935
Waverley		Birrell St. and Newland St., Bondi Junction. Signals.	Department	8	2,590	216		2,806
Wentworth		Belar and School Roads and Oldeander Dr. Channelisation at Inter. and Improvement to Layout.	Council	4	4,564	379		4,943
Willoughby		Abbott Rd. and Jersey Rd., Artarmon. Signals.	Department	8	21,904	1,822		23,726
Windsor		Old Windsor Rd. NW of Hawkesbury Rd., Westmead. Pedestrian Signals.	Department	8	1,184	99		1,283
Windsor		Gross Vale Rd. and Terrace Rd., North Richmond. Channelised Intersection.	Department	8		1,271		1,271
Wollongong		Inter. Bridge St. and Gladstone Ave., Coniston. Signals - Site No. 1210.	Department	8		3,121		3,121
Wollongong		George Hanley Dr. Modify and Provide Additional Length (MTR 2472).	Council	8		5,329		5,329
Wollongong		Carters Lane and Pioneer Rd., Towradgi. Channelisation.	Council	8		131		131
Wollongong		Market St., Thomas St. and Church St., Wollongong. Channelisation.	Council	8		85		85
Wollongong		Kembla St. and Bourke St., North Wollongong. Signals.	Department	8	20,455	1,701		22,156
Woollahra		York Rd. and Bondi Junction By-Pass, Woollahra. Signals.	Department	8		22,184		22,184
Woollahra		Inter. Ocean St. and Bus Ramps, Edgecliff. Signals.	Department	8		19,256		19,256
Woollahra		Edgecliff Rd. and Junction St., Woollahra. Signals.	Department	8		15,990		15,990

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.1.0034

Local Government Area	Road	Location of Work Description of Work	Const. Auth.	NAASRA Rd. Cl.	Source of Funds			Total
					Com'with	State	Loans	
					\$	\$	\$	\$
CONSTRUCTION WORKS								
	OTHER ROADS (CONT'D)							
Woollahra		Queen St. and Ocean St., Woollahra. Traffic Signal Reconstruction.	Department	8		40,110		40,110
Woollahra		Queen St. and Moncur St., Woollahra. Signals.	Department	8	1,180	99		1,279
Woollahra		Ocean St. and Forth St., Woollahra. Signals.	Department	8	24,352	2,026		26,378
	TOTAL	UNCLASSIFIED ROADS						<u>1,455,123</u>
	TOTAL	OTHER ROADS						<u>1,993,608</u>
MISCELLANEOUS WORKS								
Sydney		Development Group Brisbane St. Co-Ordinated Traffic Signals.	Department			1,271,803		1,271,803
	TOTAL	MISCELLANEOUS WORKS						<u>1,271,803</u>

OPERATION OF DRIVER AID AND TOW SERVICES

APPENDIX 8.2.0001

LOCAL GOVT AREA	ROAD	LOCATION OF WORK DESCRIPTION OF WORK	CONST AUTH	NAASRA RD CL	SOURCE OF FUNDS COM'WLTH STATE LOANS	TOTAL
					\$ \$ \$	\$
Construction Works						
Freeways						
Hornsby	F3	Berowra to Calga Tollway Tow Service	Department	6	145,461	145,461
	TOTAL	F3				145,461
Blacktown	F4	Prospect to Penrith Emergency telephone (operations)	Department	6	7,102	7,102
	TOTAL	F4				7,102
Wollongong	F6	Waterfall to Bulli Pass Tollway Cost of operation of driver aid scheme	Department	6	40,910	40,910
Wollongong	F6	Waterfall to Bulli Pass Tollway Cost of providing towing service	Department	6	119,422	119,422
	TOTAL	F6				160,332
	TOTAL	FREEWAYS				312,895
Main Roads						
Warringah	328	Roseville Spit Bridge Military Road and Drummoyne Tow Truck Service	Department	6	166,560	166,560
	TOTAL	328				166,560
	TOTAL	MAIN ROADS				166,560
Sydney		Sydney Harbour Bridge Tow Truck Service	Department	8	1,031,581	1,031,581
Sydney		City Area Tow Service	Department	0	25,111	25,111
	TOTAL	Unclassified Roads				1,056,692
	TOTAL					1,536,147

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 \$	OTHER ROADS \$	
Metropolitan Division		2,695,844	3,501,277	6,197,121
Illawarra Division	57,379	806,862	250,382	1,114,623
Parramatta Division	174,707	2,008,399	1,911,001	4,094,107
Hunter Valley Division	172,704	640,873	369,191	1,190,922
North Western Division	96,955	246,572	2,473	346,000
Upper Northern Division	48,749	189,161		237,910
North Eastern Division		259,200	1,399	260,599
Southern Division	260,358	94,386	7,793	369,223
South Coast Division		177,660		177,660
South Western Division	22,734	316,855		339,589
Central Murray Division		210,706		210,706
Central Western Division		510,420		510,420
Murry Darling Division		85,215		85,215
Central Northern Division		193,611		193,611
Lower North Coast Division		286,190		286,190
Head Office			33,603	33,603
Central Mountains Division		469,705	1,559	471,264
Inner Freeway Division		132		132
Head Office			23,200	23,200
Burwood Workshops			348,878	348,878
Brisbane St., City			1,074,814	1,074,814
TOTAL	833,586	9,191,791	14,840	17,565,787

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0001

MAINTENANCE AND OPERATION

WORK BY COUNCILS	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS	OTHER ROADS	NATIONAL ROADS	OTHER ROADS	
	\$	\$	\$	\$	\$
Albury		16,668		18,620	35,288
Armidale		25,566			25,566
Ashfield				1,638	1,638
Ashford		2,397			2,397
Ballina		10,984		82	11,066
Balranald		1,561		3	1,564
Bankstown		2,206			2,206
Barraba		1,663		183	1,846
Bathurst		13,826		1,986	15,812
Bega		8,160			8,160
Bellingen		5,977			5,977
Berrigan		8,472			8,472
Bingara		1,280			1,280
Blacktown		3,483			3,483
Bland		4,201			4,201
Blayney		10,762			10,762
Blue Mountains		46,945		574	47,519
Bogan		20,816			20,816
Bombala		846			846
Boolooroo		2,250			2,250
Boomi		4,437			4,437
Boorowa		7,410			7,410
Bourke		4,280			4,280
Bowral		2,879		115	2,994
Brewarrina		33,484			33,484
Broken Hill		32,818		6,981	39,799
Burrangong		7,131			7,131
Byron		2,143			2,143

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0002

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING AND SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS \$	OTHER ROADS \$	NATIONAL ROADS \$	OTHER ROADS \$	
Cabonne		16,207			16,207
Camden		7,141			7,141
Campbelltown		20,444		3,186	23,630
Canterbury				8	8
Carrathool		8,366			8,366
Casino		12,518			12,518
Central Darling		4,724			4,724
Cobar		29,768			29,768
Coffs Harbour		15,674		1,431	17,105
Conargo		1,719			1,719
Coolah		7,869			7,869
Coolamon		10,903			10,903
Cooma		16,747			16,747
Coonabarabran		13,773			13,773
Coonamble		3,920			3,920
Cootamundra		12,454			12,454
Copmanhurst		8,094			8,094
Corowa		8,863			8,863
Cowra		5,091			5,091
Crookwell		14,468			14,468
Culcairn		7,813			7,813
Deniliquin		8,896			8,896
Denman		282			282
Dubbo		12,264		8,867	21,131
Dungog		5,332			5,332
Eurobodolla		8,160			8,160
Evans		3,223			3,223
Forbes		7,459			7,459

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0003

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS \$	OTHER ROADS \$	NATIONAL ROADS \$	OTHER ROADS \$	
Gilgandra		8,083			8,083
Glen Innes		3,876			3,876
Gloucester		1,202			1,202
Goobang		14,333			14,333
Goodradibee		4,759			4,759
Gosford		4			4
Goulburn		19,322		529	19,851
Grafton		15,284			15,284
Great Lakes		3,694			3,694
Greater Cessnock		16,232		626	16,858
Greater Lithgow		11,540		1,235	12,775
Gundagai		2,464			2,464
Gunnedah		13,799		718	14,517
Gunning		5,371			5,371
Guyra		1,603			1,603
Harden		11,350			11,350
Hastings		8,669			8,669
Hay		10,940			10,940
Holbrook		3,403			3,403
Hume		3,520			3,520
Hurstville		6,852			6,852
Illabo		2,319			2,319
Imlay		2,300			2,300
Inverell		8,896			8,896
Jemalong		14,532			14,532
Jerilderie		4,450			4,450
Junee		5,326			5,326

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0004

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING & SIGNPOSTING		SIGNALS	TOTAL
	NATIONAL ROADS \$	OTHER ROADS \$	OTHER ROADS \$	
Kempsey		19,332	14,394	33,726
Kyeamba		4,859		4,859
Kyogle		3,298		3,298
Lachlan		9,078		9,078
Lake Macquarie		22,458	9,285	31,743
Lane Cove			2,217	2,217
Leeton		8,463		8,463
Leichhardt		1,197		1,197
Lismore		26,395	45	26,440
Liverpool		58		58
Lockhart		8,344		8,344
MacIntyre		3,126		3,126
Maclean		6,982		6,982
Maitland	6	3,293	203	11,290
Manilla		3,811		3,811
Manning		11,496	581	12,077
Merriwa		9,424		9,424
Mitchell		2,408		2,408
Mittagong		3,677		3,677
Moree		3,568		3,568
Mosman		1,402		1,402
Mudgee		9,645	111	9,756
Mullumbimby		1,268		1,268
Mulwaree		2,632		2,632
Mumbulla		4,507		4,507
Murray		3,992		3,992
Murrumbidgee		2,180		2,180
Murrurundi		2,267		2,267

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0005

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL \$
	NATIONAL ROADS \$	OTHER ROADS \$	NATIONAL ROADS \$	OTHER ROADS \$	
Muswellbrook	262	31	3,803		4,096
Nambucca		5,282		90	5,372
Namoi		8,862			8,862
Narrabri		9,096			9,096
Narraburra		6,988			6,988
Narrandera		6,719			6,719
Narromine		1,322			1,322
Newcastle		35,518		31,152	66,670
Nundle		877			877
Nymboida		2,113			2,113
Oberon		3,550			3,550
Orange		7,152		7,943	15,095
Parkes		8,963			8,963
Parry		9,817	2,636		12,453
Port Macquarie		5,293			5,293
Port Stephens		23,394		358	23,752
Queanbeyan		11,929			11,929
Quirindi		4,645			4,645
Randwick				2,315	2,315
Richmond River		3,654			3,654
Rylstone		6,734			6,734
Scone		9,924			9,924
Severn		3,906			3,906
Shellharbour		1,761		6,944-	5,183-
Shoalhaven		1,146		1,493	2,639
Singleton	2	11,531			11,533
Snowy River		2,297			2,297
South Sydney				762	762
Sutherland				384	384
Sydney				2,684	2,684

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0006

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING & SIGNPOSTING		SIGNALS	TOTAL
	NATIONAL ROADS	OTHER ROADS		
	\$	\$		\$
Talbragar		4,813		4,813
Tallaganda		5,039		5,039
Tamarang		8,428		8,428
Tamworth		29,807	1,197	31,004
Taree		4,922	1,577	6,499
Temora		4,590		4,590
Tenterfield		4,505		4,505
Timbregongie		6,641		6,641
Tumbarumba		5,296		5,296
Tumut		7,735		7,735
Tweed		10,228	1,163	11,391
Ulmarra		1,751		1,751
Uralla		2,714		2,714
Urana		2,270		2,270
Wade		8,019		8,019
Wagga Wagga		11,572	17,950	29,522
Wakool		19,942		19,942
Walcha		1,065		1,065
Walgett		16,391		16,391
Warren		5,838		5,838
Warringham		38		38
Waugoola		11,460		11,460
Waverley		366		366
Weddin		14,240		14,240
Wellington		11,709		11,709
Wentworth		14,767	49	14,816
Windouran		885		885
Wingecarribee		6,722		6,722
Wingham		960		960
Wollondilly		1,993	1,208	3,201

TRAFFIC SIGNALS AND OTHER FACILITIES - ALL ROADS

APPENDIX 8.4.0007

MAINTENANCE AND OPERATION

WORK BY COUNCILS (CONT'D)	ROADMARKING & SIGNPOSTING		SIGNALS		TOTAL
	NATIONAL ROADS \$	OTHER ROADS \$	NATIONAL ROADS \$	OTHER ROADS \$	
Wollongong		1,571		935	2,506
Woollahra				973	973
Wyong		4,201	1,898	206	6,305
Yallaroi		2,373			2,373
Yarrowlumla		6,338			6,338
Yass		1,035			1,035
Young		6,037			6,037
TOTAL	270	1,376,865	16,125	139,113	1,532,373

SUMMARY OF EXPENDITURE - TRAFFIC SIGNALS AND OTHER FACILITIES

APPENDIX 8.4.0008

EXPENDITURE FROM FUNDS PROVIDED BY:

ROAD CLASSIFICATION	COMMONWEALTH	STATE	LOANS	TOTAL
	\$	\$	\$	\$
Freeways	993-	302,482		301,489
State Highways	1,350,902	1,022,450		2,373,352
Trunk Roads	256,765	68,215		324,980
Main Roads	1,042,124	1,204,167		2,246,291
Other Roads	1,335,377	1,930,034		3,265,411
Fractional Adjustment	1	7		8

SUB-TOTALS	3,984,176	4,527,355		8,511,531
Roadmarking & Signposting	833,856	10,568,656		11,402,512
Signals	30,965	7,664,683		7,695,648
Driver Aid		1,536,147		1,536,147
Fractional Adjustment	3			3

FINAL TOTALS	4,849,000	24,296,841		29,145,841

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 1979

Road Class	1975 km	At 30 June 1976 km	1977 km	1978 km	1979 km
County of Cumberland Area -					
Freeways	86	86	86	86	87
State Highways	314	314	314	314	314
Ordinary Main Roads	1,085	1,087	1,087	1,087	1,085
Total all Main Roads and Freeways	1,485	1,487	1,487	1,487	1,486
Secondary Roads	287	285	287	287	285
Tourist Roads	85	85	85	85	85
Developmental Roads	30	30	30	30	22
Total all Classified Roads	1,887	1,887	1,889	1,889	1,878
Country Area -					
Freeways	28	28	41	41	44
State Highways	10,178	10,162	10,164	10,157	10,150
Trunk Roads	7,081	7,080	7,074	7,103	7,097
Ordinary Main Roads	17,230	17,230	17,218	17,314	17,215
Total all Main Roads and Freeways	34,517	34,500	34,497	34,615	34,506
Tourist Roads	314	310	318	341	353
Developmental Roads	3,588	3,578	3,588	3,456	3,439
Total all Classified Roads	38,419	38,388	38,403	38,412	38,298
Total for whole State -					
Freeways	114	114	127	127	131
State Highways	10,492	10,476	10,478	10,471	10,464
Trunk Roads	7,081	7,080	7,074	7,103	7,097
Ordinary Main Roads	18,316	18,317	18,305	18,400	18,300
Total all Main Roads and Freeways	36,003	35,987	35,984	36,101	35,992
Secondary Roads	287	285	287	287	285
Tourist Roads	399	395	403	426	438
Developmental Roads	3,618	3,608	3,618	3,486	3,461
Total all Classified Roads	40,307	40,275	40,292	40,300	40,176

. 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 2533 km and is also responsible for a length of 77 km in the incorporated area.

DISTRIBUTION BETWEEN THE DEPARTMENT AND COUNCILS OF RESPONSIBILITY
FOR CARE AND CONTROL OF ROADS AT 30 JUNE, 1979 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	87	44	131
State Highways	309	9,128	9,437
Trunk and Ordinary Main Roads other than the County of Cumberland	-	1,119	1,119
Ordinary Main Roads in the County of Cumberland	692	-	692
Unincorporated area of the Western Division -			
Trunk and Ordinary Main Roads	-	680	680
Unclassified Roads	-	2,533	2,533
(b) Where work was carried out for the Department by Councils -			
State Highways	5	1,022	1,027
Ordinary Main Roads in the County of Cumberland	393	-	393
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	-	22,513	22,513
	<u>1,486</u>	<u>37,039</u>	<u>38,525</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.