

1929.
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VICTORIA

COUNTRY ROADS BOARD.

SIXTEENTH ANNUAL REPORT

FOR YEAR ENDED 30TH JUNE, 1929.

PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO ACT No. 2635.

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COUNTRY ROADS BOARD.

SIXTEENTH ANNUAL REPORT.

Exhibition Building,
Melbourne, 19th November, 1929.

*The Hon. A. E. Chandler, M.L.C.,
Minister for Public Works,
Melbourne.*

SIR,

In compliance with the requirements of Section 73 of the Country Roads Act (No. 2635), the Board has the honour to submit to you for presentation to Parliament the Sixteenth Annual Report of its proceedings for the financial year ended 30th June, 1929.

STATE HIGHWAYS.

Still further improvement of the State highways has been effected during the year by continuing the work of reconditioning and surfacing with bituminous macadam those sections where the volume of traffic justified, and grubbing, clearing, and forming lengths in the more outlying portions of the State.

On sections used by comparatively light traffic, the utilization of materials obtainable in the locality at a low cost, and the subsequent surface treatment with bitumen, has produced serviceable roads at a minimum of cost, which can be maintained at a reasonable figure.

As in previous years, a policy of improving the highways progressively as the increase in the intensity of traffic demands has been pursued. By a system of traffic counts taken generally twice yearly on the highways, the Board has been enabled to determine the type of construction most suitable for requirements. These counts have, in every instance, revealed that well constructed gravelled roads, efficiently maintained, will generally give satisfactory service for rural traffic.

For this reason the Board is giving close attention to the use of gravels in districts where the census returns indicate vehicular traffic is limited to such an extent as to justify their use. When procurable, local materials have been utilized, with suitable treatment when necessary to secure the required consolidation and economical surface. With this type of road, progressive construction can be successfully applied as the density of the traffic increases, without disturbing the original surface.

It is considered that, at the present rate of progress, declared State highways in this State will, within the next twelve months, generally be in good trafficable order, reconstructed or improved to a standard capable of carrying normal traffic at any period of the year. In order to reduce maintenance costs on some sections and to meet increasing traffic demands on others, it will be necessary to continue some reconstruction and improvement; the strengthening and replacing of old bridges will also be necessary, but the maintenance expenditure will, it is anticipated, be very considerably reduced in the near future.

The traffic requirements of areas adjacent to centres of population involved during previous years the laying of pavements in bituminous concrete or cement concrete, and the work done will fulfil all requirements for some time.

As the work of reconditioning the highways proceeds, the Board is installing patrol gangs to ensure the adequate and efficient maintenance of the completed work.

As the result of the improvement of long stretches of highways during the past few years, a great amount of traffic, probably more than in the history of the State, has been attracted to these roads. Night travelling is now becoming increasingly popular in this State, and, for the additional safety of traffic, it has been necessary to erect guard fencing or posts on banks and

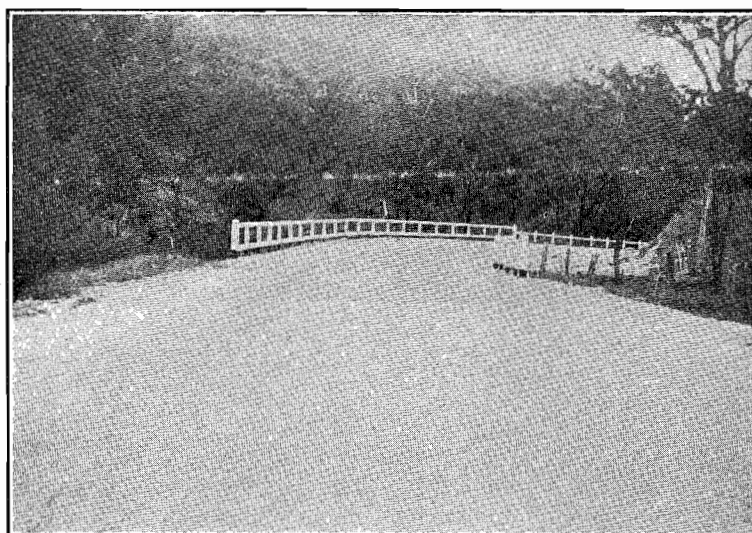


Plate No. 1.—Typical Guard Fencing.

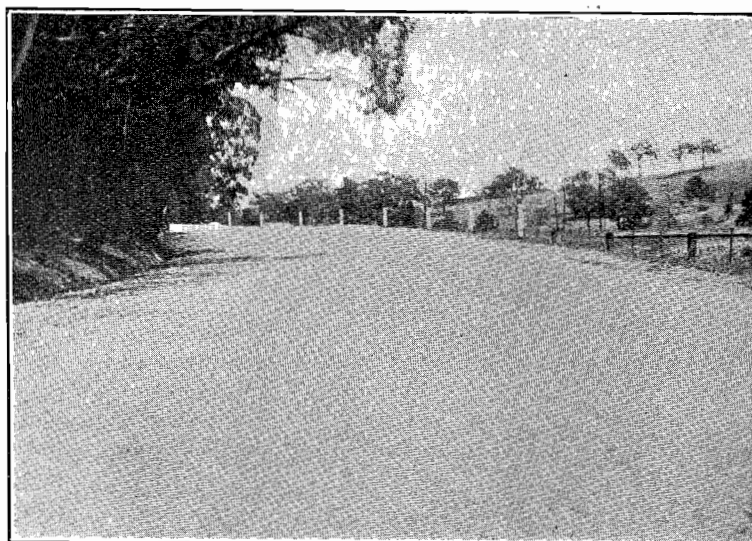


Plate No. 2.—Typical Guide Posts.

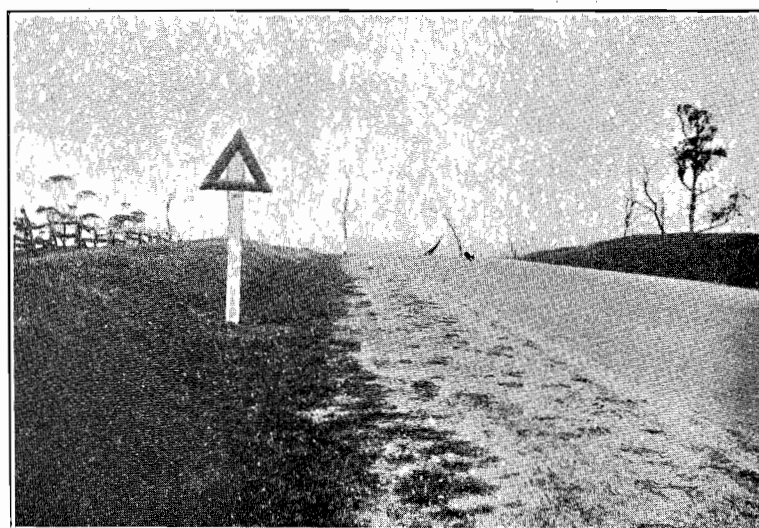


Plate No. 3.—Standard Warning Triangle at Pretty Sally Hill, Hume Highway.

curves in the roadways as a guide. (See Plates Nos. 1 and 2.) These safeguards, in addition to the standard warning triangle fitted with reflectors erected at dangerous points, have effected a marked improvement as far as the safety of the highway is concerned. The warning triangle is illustrated in Plate No. 3.

The work completed on State highways mainly comprised that of reconstruction, the cost being defrayed out of Federal aid funds, towards which the State contributed three-sevenths and the Federal Government four-sevenths, the whole of the State's proportion being provided from the Country Roads Board Fund. The amount expended on reconditioning and highway maintenance during the year was £402,322 13s. 4d., which is the largest amount spent under this heading in any one year.

Of 1,509 miles of State highways 128 miles were reconstructed or reconditioned either in bituminous macadam, waterbound macadam, or gravel.

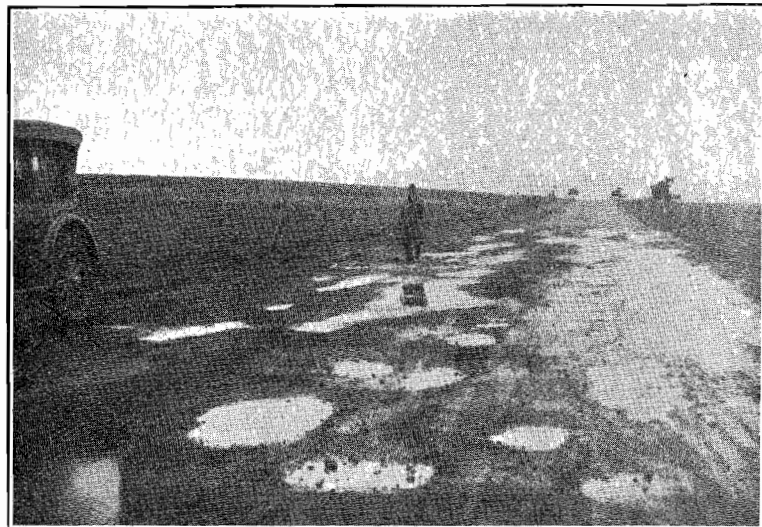


Plate No. 4.—Hume Highway, near Beveridge, before reconstruction.

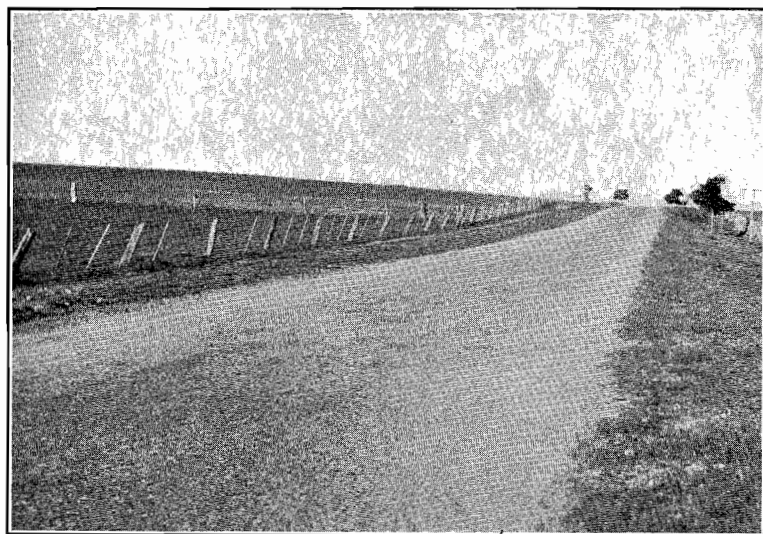


Plate No. 5.—Hume Highway, near Beveridge, after reconstruction.

MAIN ROADS.

With the exception of 12.29 miles, which were constructed under the Board's direct supervision, new construction works on main roads involving the expenditure of loan moneys have been carried out by municipal councils under the terms of Section 23 of the *Country Roads Act 1915* (No. 2635). The total length of the roads constructed under municipal supervision was 138 miles, at a cost of £183,076, of which £91,538 has been charged to the municipalities benefiting. Twelve bridges with approaches are included in the work supervised by the Board, the remainder comprising mainly bituminous surface work for which the Board's plant was available.

An amount of £202,228 was expended out of loan moneys on the construction of main roads during the twelve months ended 30th June last, as compared with £275,274 during the previous financial year.

As with construction, the work of maintenance has in the main been carried out by the municipal councils concerned. Considerable improvement is noticeable in the condition of the

main roads generally, no doubt due to the adoption of more up-to-date methods, and to a larger expenditure being incurred to meet the increasing traffic demands which is now possible by reason of the reduction to one-third of the municipal contribution towards maintenance.

Municipalities are, in increasing numbers, now adopting improved methods of maintenance by establishing a continuous patrol system, realizing that by this means the roads will be kept in good order and considerable saving effected in the cost of maintaining same.

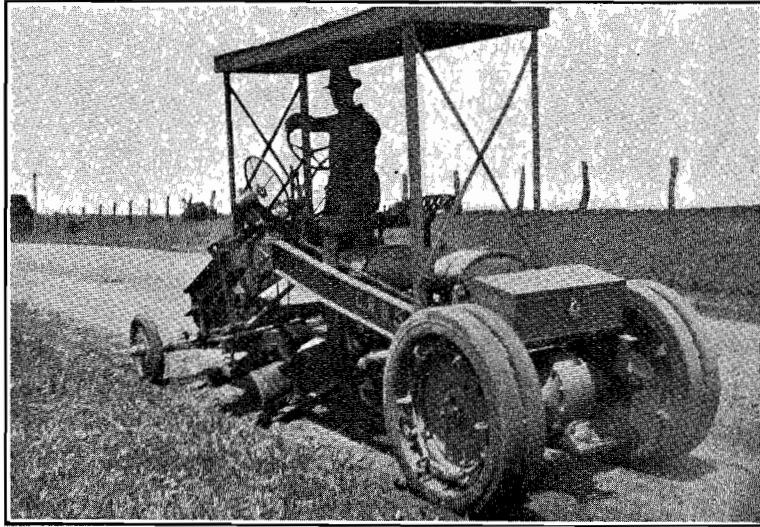


Plate No. 6.—Power grader in use on maintenance work.

As the mileage of constructed or improved roads increases, so the traffic increases, with a consequent necessity for a larger expenditure on maintenance. This particularly applies to roads carrying traffic not of local origin, which, in the case of main roads radiating from the metropolis or from centres of population, is a problem worthy of sympathetic consideration as far as the municipal council is concerned, as the council is responsible for payment of a proportion of the cost of maintenance.

As has been already mentioned under the heading of State highways, a policy of building progressively or in stages is being followed, bearing in mind the future necessity for higher type surfacing when the traffic warrants.

In consequence of frequent complaints received by the Board of the bad condition of the Ballarat-Creswick Road on the boundary of the Ballarat and Bungaree Shires, a conference convened by the Mayor of Ballarat was held in the early part of the year of representatives of the Ballarat City Council, Ballarat, Bungaree and Creswick Shire Councils, and the Country Roads Board to discuss the question of improving the road.

This road, which is subjected to heavy motor and wood traffic, had a lightly metalled surface on a good loamy foundation, and was allowed to get into such a deteriorated condition that the use of the side tracks was preferred by vehicular traffic.



Plate No. 7.—Ballarat-Creswick Road after reconstruction.

In the reconstruction of the road, which was done by day labour, with the exception of carting carried out by contract, mine gravel obtained near Creswick was utilized, but, as the material did not possess any binding qualities, special efforts were made to secure a consolidated road, and methods of an experimental nature were employed, which subsequently gave satisfactory consolidation. In this work cold mixing methods with a tar binder were used, probably for the first time in road-making in Australia.

On certain lengths of the road ordinary surface sealing by the use of a tar primer coat with a bitumen seal was used with very satisfactory results, the method adopted on each section of road depending on the state of the road and weather conditions.

This experimental work, done on a short section, the cost of which was charged wholly to the Board's funds, resulted in a most satisfactory road being constructed by methods hitherto untried.

The cost of constructing this road to the 30th June last was £4,707, of which £1,853, which does not include the experimental section, will be charged to the councils concerned.

The state of the road between Geelong and Queenscliff, within the Shire of Bellarine, was the subject of severe criticism by the users, as the result of which the Board, after conference with the Shire Council, agreed to carry out the work of restoration, and this was put in hand under day labour.

The method of reconstruction consisted of scarifying the base of the old roadway and bringing it to perfect section, spreading 3 inches of local sand, thoroughly rolling and dragging same continuously. At a later date the surface was treated with fuel oil and bitumen primer. Subsequently a seal coat of bitumen was applied and gravel from Gherang rolled into the bitumen surface.

Since the work was completed twelve months ago, it has been kept to a good standard at a very much reduced maintenance cost per mile as compared with the cost of ineffective maintenance prior to reconstruction, although subjected to much heavier traffic, as many as 2,000 vehicles per day passing over the road during the week-end period. The Board proposes to further seal the road with bitumen during the coming summer months. The cost of this work was at the rate of £700 per mile.

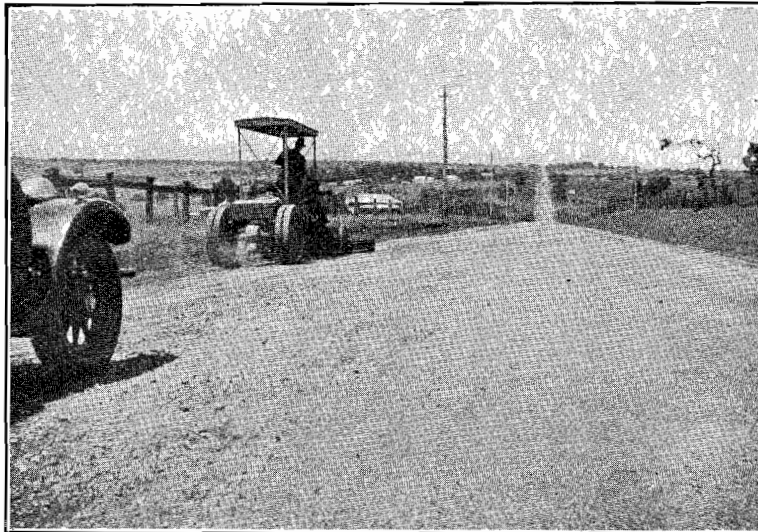


Plate No. 8—Geelong-Queenscliff Road in course of construction.

The amount expended during the year on maintenance of 5,552 miles of main roads was £509,776 3s. 2d., as against £510,088 17s. 8d. during the previous financial year.

DEVELOPMENTAL ROADS.

Developmental road work has been carried out chiefly by councils of the shires within whose districts the works are situated. Almost every shire outside the boundaries of the metropolitan area participated in the expenditure, but the major part of the work consisted of constructing roads or erecting bridges in the more remote and undeveloped parts of the State in order to provide access to a State highway, main road, railway station, or market town.

The total amount expended during the year was £531,160, of which £51,377 12s. 6d. represents the cost of works under the direct supervision of the Board, exclusive of those works done with the assistance of the Federal aid grant. The extent of the works directly supervised was 184.11 miles of roads mainly constructed under contracts, eleven separate works having been carried out by day labour. Fifteen bridges erected by contract are included in the works supervised directly by the Board. A summary of these works is given in Appendix J attached to the Report.

The type of road constructed has been mainly metal or gravel, which can later be provided with a bitumen surface when the volume of traffic justifies. It has been found, however, that in many cases the completion of developmental roads has had the effect of attracting traffic to such an extent that their upkeep and maintenance—for which the shire council is wholly responsible—has become a serious problem. This is particularly so where newly constructed developmental roads lead to main roads or State highways and draw traffic not of local origin, in addition to carrying the local farmers' vehicles.

The Board is strongly of opinion that shire councils are entitled to consideration in maintaining roads of this description, and with the approval of the Governor in Council numbers of roads coming under this category have been declared main roads under the provisions of the Country Roads Act with a view to ensuring their future maintenance, towards the cost of which the councils will be required to pay up to one-third only. It is intended to extend this principle from time to time as additional funds are made available.

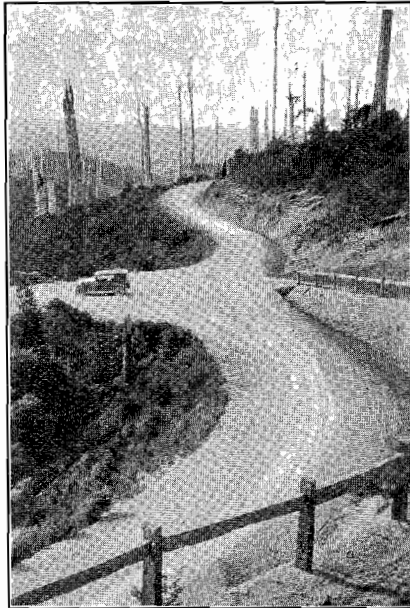


Plate No. 9.—Developmental Roads at Gonyah Junction, South Gippsland.

FEDERAL AID ROADS.

On the three classes of roads specified in the agreement, £116,725 was expended on main roads opening up and developing new country, £6,240 on trunk roads between important towns, and £435,241 on arterial roads carrying concentrated traffic from developmental, main, trunk, and other roads.

With the completion in the near future of the work of reconditioning the existing State highways, the problem of adequately maintaining them, and at the same time complying with the requirements of traffic and the whole of the demands of shire councils for relief from the burden of maintaining roads carrying through traffic, is one that must be faced at an early date. Approximately 1,000 miles of roads of this type should legitimately be classed as State highways, but it is quite impossible to do this unless additional funds are made available. If a proportion of the Federal aid road funds could be diverted for the purpose of maintenance, this difficulty would be met to an appreciable extent.

An amount of £558,207, including the State's contribution of £239,231, representing three-sevenths of the total amount, was expended during the year under the *Federal Aid Roads Act* 1926, £449,040 having been expended directly by the Board, £1,645 under the supervision of the Shire Council of Glenelg on the Casterton—Mt. Gambier Road, and £4,595 on the construction work on the Marnoo—Donald Road supervised by the Shire of Stawell. Of the amount of £239,231 contributed to Federal aid road works by the State, £67,151 was provided out of loan moneys and the balance out of the Country Roads Board Fund.

The list of works proposed to be carried out during the ensuing year have been approved by the Commonwealth and State Governments providing for a total expenditure of £612,432 for the year ending 30th June, 1930.

Under the Federal aid roads agreement, it is provided that the State shall in each year, during the period of ten years the Act is in operation, pay into a sinking fund an amount of 3 per cent. on the amount of loan moneys included in the contribution paid by the State. As, however, this State has already provided for the redemption of its loans by establishing its own sinking fund, it was decided by the Federal Aid Roads Board that under the circumstances the State should

pay into a separate account an amount of 15s. to every £1 paid into the sinking fund by the Commonwealth Government, and that the accumulated amount of the State's contribution should subsequently be expended on road construction works.

This procedure was adopted by this State, with the result that the amount now standing to the credit of the separate account has reached a total of £1,464.

A similar arrangement was made in connexion with the amount of 2 per cent. to be paid by the Commonwealth for the making of surveys, preparation of plans, and supervision of works by the State, by which the State's contribution of 15s. to every £1 paid by the Commonwealth is to be expended on road construction works. The amount paid into the separate account under this heading to the 30th June last to be subsequently expended for the purpose mentioned totalled £21,243.

It is intended by the Board to utilize the amounts referred to in carrying out developmental road works, and particulars of the proposals will be submitted for approval at an early date.

REGULATION OF ADVERTISING HOARDINGS.

Prior to 1921, no real attempt was made in Victoria—as far as country roads were concerned—to control the erection of advertising hoardings and the displaying of advertisements on roads, although power existed under the Local Government Act for Councils to make by-laws regulating and restraining the erection of hoardings and restricting or preventing the exhibition of advertisements, the intention of the Legislature being to prevent danger to the road traveller and to control the activities of the advertiser in affecting injuriously the amenities of a public park or pleasure promenade or disfiguring the natural beauties of a landscape.

In England legislation was enacted in 1907 for the purpose of dealing with out-of-doors commercial advertising. In the United States of America, it is stated, 42 States have Statutes regulating the practice of advertising by means of "billboards," whilst the province of Ontario, in Canada, prohibits any advertising within a distance of 440 yards on either side of a highway.

Under the powers granted to the Country Roads Board by legislation passed in 1921 and 1927, attention has been given to the matter of advertising on main roads and State highways, and in the vicinity of State highways, and since the Act was passed, advertisements within the boundaries of declared main roads and State highways outside populous areas have disappeared; but owing no doubt to the great improvement effected to the State highways and the consequent increase in traffic, the practice of displaying advertisements on large hoardings erected on land abutting on or adjacent to the highways in rural districts has developed.

In March, 1928, a by-law was made by the Board prohibiting the erection or construction of any hoarding for the exhibition thereon of advertisements of any description or the painting or fixing of any advertisement on any building, fence, tree, cliff, &c., on or in the vicinity of any State highway.

In pursuance of its powers the Board took the necessary action requiring the removal of those hoardings in the vicinity of the highways likely to distract the attention of motorists, special attention being given to hoardings erected at dangerous points at intersecting roads.

The result was that many hoardings were removed, but many still remain, as the owners have delayed removing them pending the decision of the State Full Court on an order *nisi* taken out by an advertising firm to show cause why the by-law made by the Board should not be quashed, wholly or in part.

SPEED AND WEIGHT OF MOTOR VEHICLES.

With a view to securing uniformity throughout the States of the Commonwealth in the weight and speed of goods motor vehicles, the matter was discussed during the past twelve months by representatives of the States and of the several road authorities, as well as at meetings of the Federal Aid Roads Board, and a number of recommendations were approved at the meeting of that Board in April last, with a view to their adoption throughout the States of the Commonwealth.

In Victoria the subject was given careful consideration prior to the inclusion in the Highways and Vehicles Acts of 1924 and 1927 of recommendations considered necessary and adequate to meet the requirements of this State. The provision made in the Acts has been found to be generally satisfactory and quite suitable for roads constructed by the Board.

The load limits provided for under legislation in this State in respect of motor vehicles fitted with solid rubber tires are lower than those now proposed by the Federal Aid Roads Board; and, as Victorian main roads and State highways have been designed and constructed generally on the basis of this legislation, the Board is of opinion that there is no justification for raising the gross load limit, which would involve additional expenditure in strengthening roads, for the sake of uniformity in legislation.

It is not considered, therefore, that the load limits which are considered economically sound should be increased in this State. In any case, such an increase would be a menace to the roads, many miles of which have been constructed or reconstructed. Occasional excessive loads would cause damage to road surfaces, especially those designed for carrying light traffic.

The recommendations dealing with the speed of motor vehicles have been closely examined by the Board, but it is not considered that there is any justification at present for altering the speed limits in Victoria as fixed by legislative enactments passed in 1924 and 1927.

OVERLOADING OF VEHICLES AND PROTECTION OF ROADS.

Since the Highways and Vehicles Acts came into force the Board's Inspectors have exercised close supervision over goods motor vehicles using declared main roads and State highways, more particularly with regard to their weight and speed. Apart from other aspects, this has had a marked effect in reducing damage to road surfaces, and it may be stated that, generally, owners and drivers are now careful to strictly comply with the law.

By the use of portable weighing devices, known as loadometers, the weights of loads are easily ascertained without undue delay to the driver of the vehicle.

Throughout the year the weights of motor vehicles, with their loads, were continuously checked by the Board's inspectors by means of loadometers, and, as a rule, they were found to be within the legal allowance. Prosecutions were launched in 31 cases, and 30 convictions were obtained.

It is the considered opinion of the Board that, if the use of suitable portable weighing machines were more generally adopted by municipalities, it would have a salutary effect in preventing overloading and consequent damage by a very small percentage of road users to the roads under the jurisdiction of municipal councils.



Plate No. 10.—Loadometers in use.

In conformity with the power given to the Board under Section 19 of the Highways and Vehicles Act (No. 3379), action was taken to prohibit the use on certain roads of motor cars the weight of which and of the load exceeded 5 tons. This was necessary for the protection of the roads having in view the nature of their construction and condition. As soon as these roads have been constructed to a standard capable of carrying heavier loads, the prohibition referred to will be withdrawn.

For the purpose of protecting lightly constructed main roads and sections of State highways likely to be injured by certain classes of traffic concentrating on those roads during the winter months, the Board, on being satisfied that damage would result, exercised its powers under Section 4 of the Country Roads Act (No. 2862) by restricting the weight of the loads and imposing such conditions on the drivers of the vehicles as were considered necessary.

These precautionary measures have been found effective without inflicting any hardship on the owners of the vehicles.

LICENSING OF COUNTRY MOTOR OMNIBUSES.

Prior to March, 1928, the only provision that existed for the regulation and control of motor vehicles carrying passengers in competition with other transport facilities was under the Motor Omnibus Act (No. 3378), which restricted competition and prevented overlapping of services within the metropolitan area.

Outside that area passenger vehicles were allowed to operate without restriction until the passing of the Motor Omnibus (Urban and Country) Act (No. 3570).

Under this Act all motor cars with seating capacity for not less than six passengers, and used or intended to be used for carrying passengers for reward at separate and distinct fares for each passenger, must be licensed by the Country Roads Board, or a municipal council appointed as the licensing authority for the licensing of urban motor omnibuses.

Before granting any licence, the licensing authority must be satisfied that the roads on any proposed route are capable of carrying the motor omnibus traffic without unreasonable damage, and that there are not sufficient other facilities for the conveyance of passengers. All routes must be prescribed by the Governor in Council.

This legislation has, as far as it goes, safeguarded the interests of the railways to a large extent, but competition has since developed with the motor vehicle carrying five passengers for hire, upon which no restrictions have been placed. This aspect is, it is understood, now receiving consideration by the Government.

From the 1st March, 1928, the date on which the Motor Omnibus (Urban and Country) Act came into operation, to the 30th June last, 155 separate stage routes were approved by the Governor in Council; 275 stage motor omnibus licences (including renewals) were issued, and 280 drivers' licences were granted during the same period. Touring omnibus licences issued during the same period total 90 (including licences renewed).

UNEMPLOYMENT RELIEF WORKS.

In order to provide work for the relief of unemployment, £43,940 was expended to the 30th June on special works on developmental roads in various parts of the State, £3,702 10s. 9d. on the Warburton-Narbethong Road, and £2,211 9s. 3d. on the Western Highway. Particulars of these works, which were supervised directly by the Board, are furnished in the attached copy of a report by the Board's Chief Engineer.

Besides providing employment for a large number of men, those works of a developmental character when carried through to completion have a most important effect on the progress of the districts in which they are situated. As the roads are located in areas from which very little in the way of revenue from rates is derived by the municipal councils concerned, it would be quite impossible for the municipalities to carry out the works for many years to come. The assistance given to municipalities in this way is, therefore, of considerable importance, apart from other aspects.

METAL AND GRAVEL SITES.

With a view to ensuring continuous supplies of road-making material at cheaper rates, negotiations were finalized by the Board during the year for the reservation or purchase of three gravel sites and a metal quarry.

In the Shire of Bairnsdale 50 acres of Crown lands were reserved for the use of the Board and the Shire Council. The material is used by the Board mainly on the Omeo Highway.

An area of 7 $\frac{3}{4}$ acres was purchased by the Board in the Shire of Korong for supplying gravel for use on the Calder Highway and main and developmental roads in the north-western portion of the State, particularly in the Korong, Charlton, and Wycheproof Shires.

For the purpose of securing a continuous supply of gravel for the Hume Highway and main roads within the Shire of Rutherglen, the Board obtained a ten years' option of purchase over an area situated within that shire, together with the right to take any quantity of the material in the meantime at the rate of threepence per yard.

An area in the Colac Shire of 8 acres 2 roods 36 perches was acquired by the Board by purchase with the object of obtaining metal supplies for the Prince's Highway as far west as Terang, as well as the main roads near Colac and roads within the Shire of Otway.

SUMMARY OF EXPENDITURE.

The statement of expenditure by the Board on road construction, including expenditure under special appropriations, is submitted below in a summarized form, from which it will be seen that the total for the year was £2,080,724 11s. 2d. Details of this expenditure are given in the appendices and in the Chief Engineer's report.

		SUMMARY.					
		£	s.	d.	£	s.	d.
1. State highways—							
Construction	.. .. .	20,695	11	7			
Maintenance	.. .. .	402,322	13	4			
		<hr/>			423,018	4	11
Commonwealth contribution towards construction and reconditioning	.. .. .				248,709	7	9
					<hr/>		
					671,727	12	8
2. Main roads—							
Construction	.. .. .	202,228	19	10			
Commonwealth contribution	.. .. .	6,857	4	3			
		<hr/>			209,086	4	1
Maintenance	.. .. .				509,776	3	2
					<hr/>		
					718,862	7	3
3. Developmental roads—							
Construction	.. .. .	531,160	16	7			
Commonwealth contribution	.. .. .	63,409	5	3			
		<hr/>					
					594,570	1	10
4. Unemployment relief	.. .. .				10,833	9	5
5. Roads to develop tourist resorts	.. .. .				5,343	13	1
6. Roads for isolated settlers	.. .. .				2,500	13	2
7. Williamstown Short Road	.. .. .				1,490	3	9
8. Migration grant—Childers Settlement Road..	.. .. .				13,429	14	9
9. Migration—Developmental roads	.. .. .				19,936	2	6
10. Orchardists' relief	.. .. .				122	9	6
11. Great Ocean Road	.. .. .				3,265	2	1
12. Federal—State Grant, 1925, Act 17	.. .. .				407	12	11
13. Highways and Vehicles Act (No. 3379)	.. .. .				38,235	8	3
		<hr/>					
Total	.. .. .				2,080,724	11	2

APPORTIONMENT OF COSTS.

In accordance with the provisions of Section 27 of the *Country Roads Act 1915*, the cost of permanent works and maintenance for the year ended 30th June, 1928, was apportioned, the amount of £153,428 being charged to municipalities in respect of permanent works expenditure, and £166,449 on account of expenditure on maintenance.

MOTOR REGISTRATIONS.

Motor cars and motor cycles registered under the Motor Car Act (including renewals) total for the year 143,407 and 24,554 respectively, compared with 133,948 motor cars and 24,138 motor cycles for the preceding year.

The net revenue derived during 1928–29 was £1,059,821.

We have the honour to be, Sir,

Your obedient servants,

W. T. B. McCORMACK, Chairman.

F. W. FRICKE, Member.

W. L. DALE, Member.

R. JANSEN, Secretary.

CHIEF ENGINEER'S REPORT.

Country Roads Board,
Exhibition Buildings,
Melbourne, 1929.

The Chairman,

SIR,

I have the honour to submit the following details of work carried out under the direct supervision of the Board during the year ended 30th June, 1929. The total expenditure thus supervised was £795,298, the expenditure on State highways being £513,388.

STATEMENT OF EXPENDITURE. (Direct Control).

	£	s.	d.
Permanent works (main roads)	25,193	14	7
" " " (developmental roads)	95,379	15	3
Maintenance (including reconditioning)	181,406	1	8
Federal Aid Roads Act	436,520	1	3
Special works—	£	s.	d.
Unemployment relief works	10,833	9	5
Tourist vote	5,343	13	1
Migration grant	33,365	17	3
Great Ocean Road	3,265	2	1
Roads for Isolated Settlers	2,500	13	2
Williamstown Short Road	1,490	3	9
	56,798	18	9
Total	£795,298	11	6

Unemployment Relief.—The £10,833 9s. 5d. expended on unemployment relief works was divided as follows:—

	£	s.	d.
Alberton Shire—Dingo Creek road (widening and improving alignment)	1,334	7	5
Buln Buln and Narracan Shires—Willowgrove—Fumina road (clearing, forming, and grading)	850	4	7
Orbost Shire—Bonang—Delegate road (clearing, forming, and grading)	1,979	5	2
Otway Shire—Ferguson—Charley's Creek road (clearing, forming, and grading)	2,196	17	7
Otway Shire—Beech Forest—Apollo Bay road (widening)	770	3	11
Healesville Shire—Warburton—Narbethong road	3,702	10	9
	10,833	9	6

Tourist Vote.—The £5,343 under the heading of Tourist Vote was expended as follows:—

	£	s.	d.
Great Ocean road (financial adjustment in respect of previous work)	31	1	6
Hall's Gap—Wartook road (Grampians). This road over Mount Victory will eventually give a connexion to Horsham	2,927	5	10
Promontory road (leading to National Park, Wilson's Promontory)	2,311	2	3
Betka River road (leading to the mouth of the Betka River from Mallacoota)	74	3	6
Total	5,343	13	1

Migration Grant.—The expenditure under the Migration Grant was divided between the Childers Settlement, in Gippsland, and the Millewa Settlement, in the North-western Mallee; £13,429 14s. 9d. was spent in the Childers Settlement in the surfacing with waterbound macadam or sand roads formed and graded from previous grants. The road system of this area is now well developed, although further surfacing of formation is still to be done.

An amount of £27,141 6s. 8d. (portion of which has been charged to the developmental roads loan account) was expended in the Millewa area. The proposed works in this large area are extensive, and in order to give the most relief with the funds available the work is being carried out in three stages. In the first instance, the sandhills—the most severe barriers to transport—are being surfaced with limestone gravel or marl; the worst of the flats will then be formed, and where necessary surfaced. Finally the sections constructed in the first two stages will be linked up and surfaced. The work done last year consists mainly of grading and surfacing the sand hills throughout the area.

Great Ocean Road.—An amount of £3,265 was expended on the Mount Defiance section, where work is still proceeding (Plate No. 11). This very heavy section is a continuance of the road beyond Lorne, and when the construction from here to the Wye River is completed the road will be open from Geelong to Warrnambool.

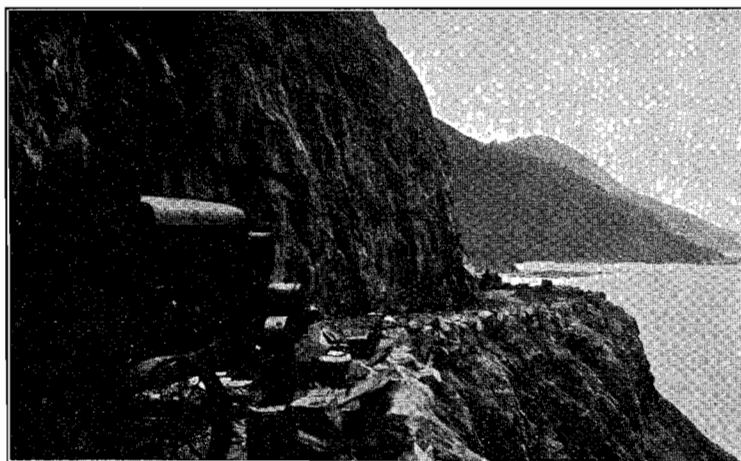


Plate No. 11.—Mount Defiance. Great Ocean Road.

Roads for Isolated Settlers.—The £2,500 expended on providing access roads for isolated settlers was expended on 23 different works, mostly in the steep hilly country of Gippsland and in the Otway district.

Williamstown Short Road.—The expenditure of £1,400 on the Williamstown Short Road was on the completion of the work described in the last report.

State highways (general).—The statement of expenditure on State highways given below shows that the whole of the work has been carried out from revenue, although the bulk of the expenditure has been on quite extensive reconstruction and reconditioning of roads on which practically nothing has been spent for the last 50 years. This work has been mainly done with Federal aid funds, the State's proportion of three-sevenths being borne from revenue (maintenance funds); the Federal proportion of four-sevenths is also found from revenue (petrol tax). It will thus be seen that these roads are being rapidly put in such condition that future maintenance charges will be low, without any extension of loan liabilities.

During the year considerable progress was made towards the completion of the reconstruction of the first sections of the highways, and the sections to Colac, Ballarat, and Bendigo are now practically complete.

STATE HIGHWAYS.

Expenditure on Works under Direct Supervision of Board.

Highway and Section.	Maintenance (including reconstruction and reconditioning).		Federal Aid Roads Act.		Total.	
	£	s. d.	£	s. d.	£	s. d.
Prince's Highway West, Section 1	16,983	5 0	37,866	11 4	54,849	16 4
" " " " 2	2,217	0 5	11,383	4 3	13,600	4 8
" " " " 3	6,621	3 2	..	..	6,621	3 2
" " " " 4	6,514	6 6	856	19 3	7,371	5 9
" " " " 5	2,346	15 7	..	..	2,346	15 7
Prince's Highway East, Section 1	13,417	16 10	23,605	0 1	37,022	16 11
" " " " 2	9,067	18 5	36,057	14 4	45,125	12 9
" " " " 3	10,957	17 6	2,381	7 1	13,339	4 7
" " " " 4	8,194	17 11	4	9 1	8,199	7 0
" " " " 5	7,963	2 3	..	..	7,963	2 3
" " " " 6	5,602	15 6	..	..	5,602	15 6
Western Highway, Section 1	9,743	4 6	52,440	6 5	62,183	10 11
" " " " 2	1,526	14 2	19,788	8 5	21,315	2 7
" " " " 3	1,920	8 10	5,354	1 3	7,274	10 1
" " " " 4	663	15 7	928	15 3	1,592	10 10
Calder Highway, Section 1	6,328	18 4	64,065	15 4	70,394	13 8
" " " " 2	6,997	1 8	7,693	5 7	14,690	7 3
" " " " 3	2,147	1 8	7,684	0 3	9,831	1 11
" " " " 4	..	..	..	..	..	..
" " " " 5	..	..	1,649	5 0	1,649	5 0
" " " " 6	181	2 0	..	..	181	2 0
Northern Highway, Section 1	4,041	4 10	12,078	11 3	16,119	16 1
Hume Highway, Section 1	6,729	2 9	65,495	4 4	72,224	7 1
" " " " 2	6,225	16 0	8,101	17 6	14,327	13 6
" " " " 3	8,149	4 7	10,148	17 2	18,298	1 9
Omeo Highway, Section 1	1,171	5 4	..	..	1,171	5 4
" " " " 2	14	8 9	..	..	14	8 9
" " " " 3	20	7 9	..	..	20	7 9
" " " " 4	58	2 2	..	..	58	2 2
	145,804	18 0	367,583	13 2	513,388	11 2

Federal Aid Roads.—The expenditure on Federal aid roads under direct control was £436,520 (including State's contribution), of which £367,583 was expended on State highway reconstruction, and the remaining £68,936 on developmental roads. The only main (trunk) roads being constructed under the agreement are the Casterton–Mount Gambier and Marnoo–Donald Roads, the works being supervised by the shire councils concerned. The work on the Federal aid roads is similar to that carried out on other roads, or on the same roads from State funds. It forms part of the general programme and calls for no special comment.

CONSTRUCTION METHODS AND MATERIALS.

Construction methods have in general followed those previously adopted. Gravel has been used in preference to metal wherever it is available, and, under all but the most severe traffic conditions, such as exist on the heaviest trafficked sections of the highways, it has been found adequate if sealed with bitumen. The development of methods of using local materials previously thought unsuitable has been accelerated by the increased railway freights on metal and gravel, and amongst the successful experiments carried out during the year have been the bituminous mixing methods with clean (non-binding) gravel on the Creswick Road, and the development of semi-penetration methods of bituminous construction at Mildura and Dartmoor, using local limestones.

Sand clay construction has been continued on the Horsham–Dimboola section of the Western Highway and in the Swan Hill Shire. Where materials are of good quality, quite a satisfactory pavement can be produced by this cheap method, and even where the materials are not very suitable, due to fineness of sand or poor quality of clay, the artificial mixture produces a sub-grade capable of carrying heavy loads with only a 3-in. or 4-in. gravel surfacing.

The continuance of the traffic counts, which have now been linked up with the motor vehicle registrations, has given valuable information regarding present and probable future requirements. Shire engineers have been encouraged to have counts made, and it is hoped that a systematic extension of the system will result.

Further experimental work was done during the year in connexion with bituminous treatment of roads, particularly on gravel and sand clay. With a view to utilizing local products as much as possible, various tar products have been tried, the most successful results being obtained with a cold tar for use as a primer coat, and some of the special heavier refined tars for semi-penetration work. In all cases, however, it has been found necessary to use bitumen for the seal coat.

STATE HIGHWAYS.

The lengths of the various types of construction and reconstruction carried out on the State highways during the season 1928–29 are given below :—

Type of Construction.	Total.	Under Direct Control.
	Miles.	Miles.
Bituminous macadam	77	60
Waterbound macadam	6	..
Gravelling	45	36
Clearing and forming	5	5
Totals	133	101

No concrete or bituminous concrete pavements were constructed during the year.

The reconstruction of the first sections of the State highways in the bituminous macadam (or sealed waterbound macadam in the case of older work) was completed with the exception of 20 miles. Of this uncompleted length, 12.5 miles will be reconstructed in bituminous macadam and 7.5 miles will be re-sheeted with granitic sand and sealed during the year 1929–30.

Gravelling, clearing, and forming were continued on the outlying sections (see Plate 12), while the investigation of artificially forming a sand-clay road by the addition of imported material was brought to the stage of constructing a length of 5 miles in the Stawell district. This work will be closely watched, as it promises the possibility of carrying light traffic on poor soils where road-making materials are not locally available without the importation of materials from a distance and of providing a base for future surfacing work which will enable less of the imported material to be used.



Plate No. 12.—Hume Highway. Gravelling carried out between Seymour and Avenel.

On all sections progress was made with the elimination of danger points, the erection of direction boards, mile posts, and warning signals, and the marking of the highways with white posts to facilitate night driving.

Individual patrolmen have been replaced by truck patrols operating on lengths of approximately 40 miles on the sections completed with a bituminous surfacing, and roadmasters have been appointed to control the maintenance on sections where short patrol lengths are necessary.



Plate No. 13.—Calder Highway. Spreading metal for bituminous macadam surfacing. Day labour works at Malmsbury.

Some details of technical interest are given below :—

TRAFFIC COUNTS.

A traffic count on all the highways except the Omeo highway was taken. The system has now been developed to enable a summer and winter census to be taken on all the highways. It is hoped that during the coming year the method adopted will be sufficiently familiar to those concerned to enable these counts to be taken simultaneously throughout the State. The highways have been divided into traffic sections, on each of which the traffic is generally similar. At a point on this section where it is considered desirable that the most complete information should be obtained a count is taken between the hours 7 a.m. and 7 p.m. on seven consecutive days. At other points on these sections where variations in the traffic density are expected, counts are taken from 7 a.m. to 7 p.m. on one of these seven days.

The scheme, although open to criticism, is complete as far as it goes, is capable of progressive elaboration as required, and is considered to be sufficient for present needs. Two sheets which summarize the information obtained on a traffic section are given on page 17.

TYPICAL SUMMARIES OF TRAFFIC COUNTS.

Highway Form 6.3.
January, 1929.

RECORD OF SEVEN-DAY TRAFFIC CENSUS AT ONE SELECTED STATION.

District—Rockbank.
Shire—Melton.
Road—Western Highway, Section 1.
Miles from Melbourne—

Description of point at which the census was taken—Chainage 100,000, about 1,500 feet on the Melbourne side of turn-off to Rockbank Station.
The census was taken on the 18th, 19th, 20th, 21st, 22nd, 23rd, 24th days of August, 1928, between the hours of 7 a.m. and 7 p.m.

Nature of Vehicles.	Number of Vehicles per day.							Total for Week.
	Sun., 19th.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat., 18th.	
Buses	1	1	2	1	1	1	2	9
Heavy trucks	2	12	13	12	8	10	18	75
Light trucks	15	20	20	19	29	23	13	139
Cars	531	269	228	191	259	283	369	2,130
Motor cycles	76	17	13	12	16	15	47	196
Heavy trucks } Pneumatic tyres	9	4	2	2	12	6	4	37
Light trucks } Solid tyres	2	1	1	1	5	1	..	11
Light trucks } Horse-drawn vehicles	5	11	12	9	8	9	16	70
Heavy trucks } Extraordinary vehicles	2	3	3	2	..	1	..	11
Extraordinary vehicles	..	..	..	..	..	..	..	..
Totals for each day	634	343	296	249	338	349	469	2,678
Weather	cold showery	fine cold	fine mild	fine cold	fine mild	fine mild	fine mild	

Dates.	Total Number of Vehicles per hour.														Totals.
	a.m. 7-8.	8-9.	9-10.	10-11.	11-12.	p.m. 12-1.	1-2.	2-3.	3-4.	4-5.	5-6.	6-7.			
Sun., 19th	8	19	30	67	68	44	10	42	74	81	126	67	634		
Mon., 20th	15	30	37	33	23	28	12	26	43	25	46	25	343		
Tues., 21st	13	22	31	24	20	23	16	20	23	48	29	27	296		
Wed., 22nd	8	20	32	20	20	20	18	12	25	22	31	21	249		
Thurs., 23rd	9	23	33	38	36	28	19	22	26	34	29	41	338		
Fri., 24th	11	15	21	43	27	27	14	40	25	34	33	59	349		
Sat., 18th	9	31	38	33	32	36	34	66	73	52	39	26	469		
Average per hour	10	23	32	39	32	29	18	33	41	42	48	38	2,678		

Remarks—
Census Officer—J. E. Cooper.
24/8/28.
Engineer in charge—L. T. Butler.

Highway Form 6.4.
January, 1929.

RECORD OF ONE-DAY TRAFFIC CENSUS.

District—Shire—
Road—Western Highway, Section 1.
Date of simultaneous twelve-hour counts, 7 a.m. to 7 p.m.—23/8/28.

No. of Station.	Description of Station.	Miles from Melbourne.	Nature of Pavement.	Width of Pavement.
1	Ch. 49,000 near Albion R. Crossing	9 1/4	Bit. concrete	20 feet
2	100,000 at Rockbank	19	Bit. macadam	20 "
3	132,000 1 mile west of Melton	25	Gravel	18 "
4	232,000 at Pyke's Creek Bridge	44	Bit. macadam	20 "
5	294,000 1/2 mile west of Gordon	55 1/2	Gravel	18 "
6	355,137 City of Ballarat boundary	67	Sprayed W.B.	20 "

Nature of Vehicles.	Number of Vehicles per day.							Totals for Day.
	1.	2.	3.	4.	5.	6.	7.	
Buses	4	1	1	..	2	4	..	14
Heavy trucks	43	8	11	6	4	5	..	72
Light trucks	59	29	29	2	19	36	..	175
Cars	334	259	246	231	208	342	..	2,022
Motor cycles	44	16	12	19	15	32	..	148
Heavy trucks } Pneumatic tyres	68	12	13	3	7	11	..	114
Light trucks } Solid tyres	2	5	..	3	..	5	..	15
Light trucks } Horse-drawn vehicles	53	8	22	7	..	58	..	156
Heavy trucks } Extraordinary vehicles	17	..	5	2	3	9	..	36
Extraordinary vehicles	..	..	..	..	..	..	..	..
Totals for each Station	624	338	339	273	263	502	..	2,678

Station No.	Total Number of Vehicles per hour.														Totals.
	a.m. 7-8.	8-9.	9-10.	10-11.	11-12.	p.m. 12-1.	1-2.	2-3.	3-4.	4-5.	5-6.	6-7.			
1	44	38	55	76	56	32	45	44	56	75	66	37	624		
2	9	21	33	38	36	28	19	22	26	34	29	41	338		
3	8	21	23	48	43	28	18	26	28	24	35	37	339		
4	14	12	15	12	34	33	25	16	24	33	36	19	273		
5	10	15	11	10	24	36	38	15	16	27	43	18	263		
6	19	30	21	23	31	43	77	36	44	38	113	25	502		

Remarks—
Station No. 4—Also 54 drays working on weir.
Station No. 6—Bungaree Races.
Census Officer—
Engineer in charge—

BITUMINOUS MACADAM.

As the work of this type carried out was the result of several years' experience under the conditions prevailing in the State, the specification adopted is given below. It will be noticed that this provides for sealing the work immediately after construction. By this method it is considered that covering with gravel or screenings in the summer, which is one of the chief items of maintenance on a road sealed with bitumen or tar, will be avoided, as the incorporation of the mineral matter in the seal coat will be continued during the whole of the period of back-rolling necessary for the complete consolidation of the bituminous macadam. Examples of this type of work are shown in Plates Nos. 14, 15, 16, and 17. Only those portions of the specification which are of technical interest are given.



Plate No. 14.—Application of bitumen to consolidated stone in the construction of bituminous macadam surfacing. One gallon per square yard.



Plate No. 15.—Bituminous macadam surfacing immediately before sealing.



Plate No. 16.—Sealing bituminous macadam surfacing by hand.
3 gallon per square yard.

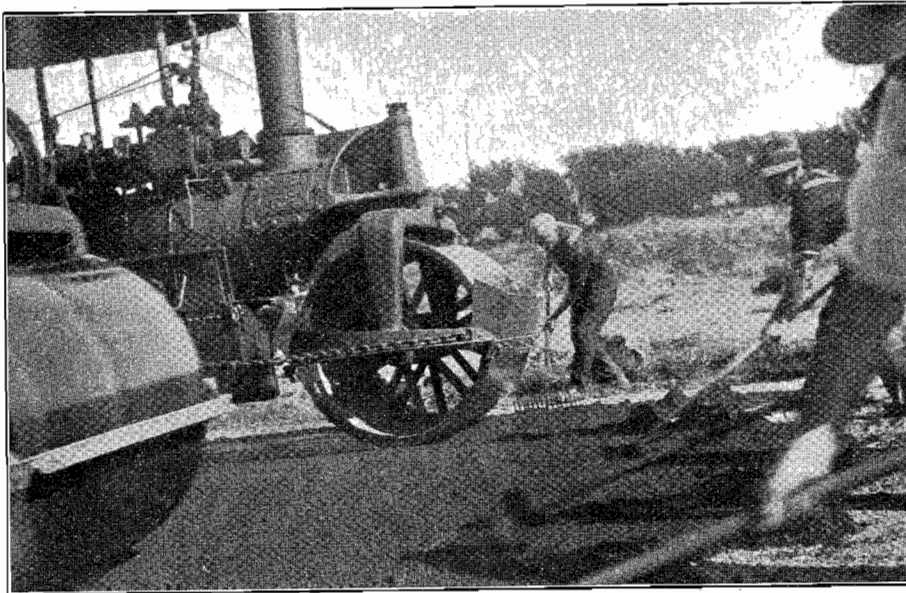


Plate No. 17.—Spreading and rolling premixed seal coat on bituminous macadam
between Springvale and Dandenong. Prince's Highway.

SPECIFICATION FOR BITUMINOUS MACADAM (Penetration Method).

1. SUMMARY OF METHOD.

The operations involved are summarized below :—

- A. The consolidation of a layer of stone to the thickness of the completed pavement without the addition of screenings or toppings.
- B. The penetration of the above with bitumen at a high temperature, either by hand pouring or by means of a mechanical distributor.
- C. Filling of the voids in the above by spreading clean screenings thereon and driving them into the interstices between the stones by rolling.
- D. Sealing with a surface spray of bitumen shall be carried out as soon as possible (during construction, if this can be arranged), and in any case before the beginning of the cold weather in the autumn following construction.

Bitumen.—The bitumen used shall comply in all respects with the following specification :—

- (a) It shall be homogeneous and entirely free from water.
- (b) Specific gravity at 60° F. shall be not less than 1.00.
- (c) Penetration with standard No. 2 needle of weight 100 gms. period 5 secs. at 77° F. (25° C.) shall be between 85 and 100.
- (d) Penetration with standard No. 2 needle of weight 50 gms. period 5 secs. at 90° F. (32.2° C.) shall be not more than 150 per cent. of the penetration at 77° F. 100 gms. 5 secs.

- (e) Penetration with standard No. 2 needle of weight 200 gms. period 60 secs. at 32° F. (0° C.) shall be not less than 25 per cent. of the penetration at 77° F. 100 gms. 5 secs.
- (f) Ductility at 77° F. (25° C.) on a section 1 centimetre square at 5 cms. per minute shall be not less than 50 cms.
- (g) Ductility at 32° F. (0° C.) on a section 1 centimetre square at 5 cms. per minute shall be not less than 0.5 cm.
- (h) Softening point as determined by the Ball and Ring method shall be not less than 115° F. (46.1° C.)
- (i) Loss of weight on heating a 50 gms. sample for five hours at a temperature of 325° F. (163° C.) shall be not greater than 2 per cent., and the penetration of the residue after such heating, taken at 77° F. 100 gms. 5 secs., shall be not less than 60 per cent. of the normal penetration as specified under Clause 2 (C).
- (j) Flash point measured by Cleveland open cup method shall be not less than 450° F. (232° C.).
- (k) Solubility of the material in carbon tetrachloride shall be not less than 99 per cent.
- (l) Solubility of the material in 88° Baume petroleum ether shall not be greater than 90 per cent.

Metal and Screenings.—The metal and screenings to be used for the surfacing shall be of basaltic or other approved igneous rock, having a French coefficient of wear of not less than 10, and shall be clean and free from any deleterious honeycomb, weathered or disintegrated stone, and from thin, flaky, or elongated pieces, and dust. They shall be crushed from clean quarried spalls, and shall be uniform in quality throughout. No quarry chips or small stones less than 3 lb. in weight shall be crushed without approval in writing from the Engineer, who shall at all times reserve the right to withdraw such permission if he thinks it necessary.

Samples, &c.—Tenderers shall submit with their tender a 60-lb. sample of 6-in. spalls for purpose of test. All metal supplied under this contract shall be equal in all respects to the sample.

Grading.—When tested with laboratory screens having circular openings of the sizes stated, the gradings shall be within the following limits:—

Material.	Percentage Passing Screens.							
	2½"	2"	1½"	1"	¾"	½"	¼"	20 mesh.
Metal	100	50-80	0-15	0-2	Nil	..	..	..
Coarse screenings .. .. .	..	..	..	100	95-100	..	Nil	..
Fine screenings .. .. .	..	..	..	..	..	100	0-50	0-3
Toppings .. .. .	..	..	..	..	..	100	..	..

The maximum dimension of any piece of metal shall not exceed 3 inches. The materials shall be uniform in grading, and shall be free from accretions of fine or coarse particles, and to secure this care shall be taken to prevent segregation of the different sized materials during crushing, storage, and delivery. The contractor's attention is directed to the limits of grading given, and he must make provision for a satisfactory set of rotary screens of such length and arrangement that these gradings are obtained, and that metal and screenings are free from dust.

Base.—Spreading of metal for the bituminous macadam surfacing shall not be carried out until the base has been tested and passed for consolidation, cross-section, and longitudinal shape by the Board's superintending officer.

The waterbound macadam or gravel base, constructed or reconstructed as previously specified, shall be swept clean of all excess screenings, toppings, binding gravel, dust, or loose material.

Side Boards.—Immediately before the metal is spread, boards not less than 2 inches wide and of a depth equal to the loose depth of metal required, in lengths of 10 feet or over, shall be fixed true to line and level along each side of the boxing, and shall be secured in position by approved spikes driven firmly into the base. As the metal is spread, and before the boards are removed, the shoulders of the road shall be made up to the full height of the tops of the boards, and firmly rammed and consolidated behind them. Sufficient boards are to be kept on the works and placed in position at least 60 feet in advance of the metal spreading. On all curves shorter boards shall be used in order to maintain the correct alignment. The distance between boards inside to inside shall be equal to the specified pavement width.

Spreading Metal.—The metal shall be dumped on to metal spreading sheets and spread to a uniform thickness (approximately 3½ inches loose) at the rate of cubic yards of metal (loose measurement) per 100 lineal feet of road. Each load or pile shall be spread outside of the area upon which it is dumped in such a manner that the segregation of sizes is prevented and uniformity of consolidation and distribution of voids is obtained when rolling. Any accretions of fine particles shall be removed by forking or other means before rolling.

Freedom from dust and dirt is essential, and spreading shall not be carried out if an excessive amount of dust is being blown on to the road. If large quantities of dust are blown on to the metal already spread or rolled before it has been penetrated with bitumen, it shall be washed out of the metal by hosing, and the whole road allowed to dry out before the bitumen is applied. In any case, all dirt or dust shall be removed before rolling or pouring is carried out.

Before rolling is begun, the surface of the loose metal shall be tested by means of templates, for cross-section and longitudinal shape.

Rolling.—The stone, after spreading, shall be rolled with a mechanical roller weighing not less than 10 tons. Rolling shall be carried out longitudinally, starting at the sides and working towards the centre line of the road. It shall be continued until the stones are firmly interlocked and present a mosaic appearance, which will allow of uniform penetration of the bitumen. Great care shall be taken not to continue rolling until dust is formed by excessive grinding of the stones, or until the voids, necessary to secure proper penetration of the bitumen, are filled by small material caused by cracking of the metal. The compacted surface shall be true to grade and to cross-section.

If any irregularities appear during or after rolling, they shall be remedied by loosening the surface and removing or adding metal, after which the area disturbed shall be rolled until the whole surface is satisfactorily consolidated to the desired surface.

Any metal which becomes coated or mixed with dirt or foreign matter prior to the application of the bitumen shall be removed, replaced, and consolidated as specified.

If, after consolidation and before pouring, there are any areas within which the voids have been filled with small material so that, in the opinion of the superintending officer, penetration with the specified quantity of bitumen cannot be carried out, the metal within these areas shall be removed and replaced with satisfactory material consolidated to the satisfaction of the superintending officer.

The compacted surface shall be tested by the superintending officer for cross-sectional and longitudinal shape by means of template, spirit level, boning rods, and straight-edge, and no pouring shall be done until the work has been passed as satisfactory by him.

Heating Bitumen.—The bitumen shall be heated in kettles, designed to secure uniform heating of the whole of the contents, to a temperature of 325° F. to 350° F. Suitable thermometers for determining the temperature of the material in the heaters shall be kept on the work at all times.

Care shall be taken to avoid overheating the bitumen or maintaining it at a high temperature for long periods. Any bitumen of which the penetration (77° F. 100 g. 5 secs.) is less than 80 immediately prior to application will be rejected, and shall be replaced by the contractor at his own cost.

Fluxing Bitumen (if required by the supervising engineer).—If the supervising engineer shall decide for any reason that it is desirable to increase the penetration of the bitumen used, the contractor shall flux the bitumen to a higher penetration by the addition of fluxing oil in the proportions to be given to him by the engineer.

If fluxing is to be carried out, the whole of the bitumen to be included in one charge shall be melted at as low a temperature as possible. It shall then be allowed to cool to a temperature which shall not exceed 250° F., after which the fluxing oil shall be added slowly and stirred in thoroughly. After the mixing is complete, the mixture shall be raised to a temperature between 325° F. and 350° F.

Care shall be taken to avoid overheating. Any fluxed bitumen of which the penetration immediately prior to application is less than 80 per cent. of the correct penetration for a mixture of the proportions given shall be rejected and replaced by the contractor at his own cost.

Application of Bitumen.—The road shall be thoroughly dry when the bitumen is applied, and the air temperature shall have been not less than 50° F. for at least three hours immediately prior to application.

Suitable thermometers shall be provided by the contractors for determining the air temperatures. The decision of the Board's superintending officer regarding the dryness of the metal shall be final.

The bitumen shall be applied by means of (A) a pressure distributor, or (B) by means of hand pouring pots. The application shall be uniform at the rate of 1 gallon of bitumen to every square yard of surface. The temperature of the bitumen at the time of application shall be not less than 300° F.

A. The pressure distributor shall be designed and operated as to distribute the bitumen uniformly under a pressure of from 15 to 30 lb. per square inch at the specified rate of distribution. Facilities shall be provided for determining the temperature of the bitumen prior to and during application. The normal width of application shall be not less than 6 feet with provision for the application of lesser widths when necessary. In order to prevent lapping at the end junction of two applications, the distributor shall be promptly shut off when the application begins to thin, and before the tank is emptied. Before continuing application with a fresh load, building paper shall be spread over the treated surface for a sufficient distance to insure that the application has attained its normal force when the untreated surface is reached. The building paper shall then be removed and destroyed. Troughs or sand may be used in place of building paper if approved by the engineer.

A narrow spout pouring pot or hose attachment to the distributor shall be used to touch up any spots unavoidably missed by the distributor.

B. Hand pouring pots used for applying bitumen shall have a capacity of not less than 3 gallons, and shall be equipped with slotted spouts so placed that when the pot is emptied by carrying it forward with the end of the spout close to the road surface, the width of application shall be not less than 8 inches. Each pot shall be fitted with a gauge mark for accurately measuring the charge of bitumen before it is distributed. The distance to be covered by each charge shall be measured off, and the pouring operation conducted so that the rate of application shall be uniform as the pot is emptied. Application shall be made at such angle to the centre line of the road that one pot will be emptied while applying one strip at the specified rate of distribution. Any small amount of bitumen that may be left in a pot at the end of a strip shall not be emptied on to the road, but may be left in the pot.

The distributing slots shall be kept free from obstructions, and shall be cleaned as necessary to ensure a uniform distributing aperture.

Application of Screenings.—As soon as possible after the application of the bitumen, and while the latter is still warm, clean, dry screenings as specified shall be spread uniformly over the treated surface, in such quantity as will fill the voids and barely cover the bitumen. Care shall be taken not to apply the screenings in a thick layer. The screenings shall then be driven into the voids by rolling with a mechanical roller weighing not less than 13 (thirteen) tons. Fresh screenings shall be added and swept in with brooms as rolling proceeds, the total quantity of screenings used being not less than 1 cubic yard of screenings for every 40 square yards of surface. Rolling and brooming shall be continued until the whole surface is thoroughly compacted and no movement or rutting occurs. The road may then be opened to traffic provided that permission is given by the Board's superintending officer.

Back Rolling.—After traffic has been turned on to the road, the whole of the works shall be traversed by a mechanical roller weighing not less than thirteen (13) tons at least five times, only one complete traverse being carried out on any one day. This rolling shall preferably be carried out in the afternoons of hot days, but in any case shall be completed within twelve days of traffic being allowed on to the surface. Fresh screenings shall be added and rolled in during this period should any excess of bitumen show through the covering of screenings.

Winter Working.—The work of constructing the bituminous macadam top course shall not be carried on during the months of June, July, August, or September, unless permission is given by the supervising engineer in writing.

Testing Surface.—When the bituminous macadam has been finished, it shall be true and even without any inequalities or depressions, so that there is no deviation from the general surface greater than three-eighths ($\frac{3}{8}$) inch when tested with a straight-edge 10 feet long.

SEALING.

Preparation of Road.—Before the seal coat is applied, any excess screenings shall be swept off the road until the condition of the surface is such that the top surfaces of the stones are exposed with the interstices between them completely filled with screenings.

Covering Material.—The covering material shall consist of fine screenings as previously specified.

Application of Bitumen.—The bitumen shall be applied by an approved machine or by hand within 24 hours of the completion of the bituminous macadam surface.

The distribution of the bitumen shall be uniform at the rate of 0.30 gallons per square yard of surface. The temperature of the bitumen at the time of application shall not be less than 300° F. Application shall not be carried out unless the road is thoroughly dry or if there is any immediate prospect of rain. The superintending officer's decision in this respect shall be final. Hand pouring shall be carried out diagonally at such an angle to the road that the contents of the pot are entirely used in one pour. The direction of the pouring shall be such as to make the greatest angle with the direction of pouring used for the penetration application.

After application, the bitumen shall be immediately covered uniformly with screenings as specified at the rate of approximately 1 cubic yard of screenings to 80 square yards of road surface, and rolled with a power roller; any places where asphaltic cement shows through shall be covered with more screenings and re-rolled. The road may then be re-opened to traffic provided that permission is given to do so by the Board's superintending officer.

PREMIXED SEAL COAT.

Between Spring Vale and Dandenong the road had recently been widened and resurfaced with bituminous macadam. Instead of sealing this with a sprayed coat of bitumen in the usual way, it was decided to lay upon the unsealed bituminous macadam a seal coat consisting of a thin coating of sheet asphalt. The sand, filler, and bitumen were heated and premixed in the required proportions at a central mixing plant, spread upon the bituminous macadam surfacing at the rate of 50 lb. per square yard, and consolidated by rolling.

The quantity of asphalt applied, which is equivalent to approximately $\frac{1}{2}$ inch of consolidated asphalt, if the material were laid upon a perfectly true surface, gives a minimum cover of approximately $\frac{3}{8}$ inch over the high points of the bituminous surfacing, the remaining material filling the voids in the surface and being used to take out any irregularities.

Filler was added at the rate of 5 per cent. of the total dry mix, and the quantity of bitumen, which was of 40–50 penetration, varied between 9 and 10.

The grading of the sand which was specified is given below :—

Sieve Designation.		Percentage passing Sieve 1 and held on Sieve 2.	
1.	2.	Minimum.	Maximum.
10	40	15	40
40	80	30	55
80	200	15	40

Of the actual mix the maximum quantity passing a 40 sieve and held on a 80-mesh sieve was sometimes exceeded. As the coat was very thin, this was not considered serious. See plate No. 18.



Plate No. 18.—Bituminous seal coat on granitic sand on the Prince's Highway East in Buln Buln Shire.

SPRAYING.

Apart from the sealing and resealing of waterbound, bituminous macadam and gravel roads, experimental lengths of spraying were carried out on ironstone gravel and on sandy loamed formations.

On these experimental sections the priming coat consisted of a 50-50 mixture of fuel oil and 85-100 penetration bitumen, while the seal coat consisted of 60-70 penetration bitumen. As the work was carried out by hand, the rate of application was approximately .3 gallon for both primer and seal coats.

These sections have been successful, and further work of this type on a more extended scale will be carried out during the year 1929-30.

During the year 1927-28, a section of sand-clay road on the Prince's Highway East near Garfield was primed with distilled tar and with a 50-50 mixture of fuel oil and bitumen, the seal coat in both cases consisting of 60-70 penetration bitumen.

Following the success of this section, further spraying similar to this was carried out on the Prince's Highway East and the Hume Highway.

At Springhurst $\frac{3}{4}$ -in. granite screenings were used as the mineral aggregate. The priming coat consisted of a 50-50 mixture of fuel oil and bitumen, while the seal coat consisted of 60-70 penetration bitumen. The rate of application of both priming mixture and seal coat was .24 gallon per square yard. One cubic yard of $\frac{3}{4}$ -in. screenings covered 109 square yards of road surface.

BRIDGES.

The largest bridge contract completed during the year was for the erection of two reinforced concrete bridges over floodways of the Murray River, situated between Wodonga and the main channel of the River Murray, on the Hume Highway. The old timber bridges had partially failed, and heavy traffic was required to use temporary low-level timber bridges on a parallel alignment. The new structures form part of a series of five bridges similarly situated in this section, and their being opened to traffic marks the completion of the construction of four of the five bridges in reinforced concrete. Previous experience with foundations in this locality showed that, to be safe from scour, ample depth was necessary, and each foundation was thus relatively costly. To minimize the number of foundations, spans of 46 feet 8 inches were employed for both the newly-completed structures. To reduce the cost of abutments, short relieving spans were used, having buried pier abutments protected against scour by concrete slabs cast *in situ*. The bridge nearer the Murray (No. 2 Bridge) consists of two relieving spans of 17 feet 6 inches, and three main spans of 46 feet 8 inches, while the bridge nearer Wodonga (No. 4 Bridge) had two similar relieving spans and nine main spans of the same length. Foundations consisted of two groups of timber piles driven to a depth of 20 feet through alluvial silt and gravel to a compacted gravel, with the heads enclosed by a concrete cylinder 8 feet deep below natural surface and filled with Class C. (1.9) concrete. The piers consisted of two legs built directly on to the foundations and surmounted by a concrete crosshead. The superstructures were made 22 feet wide between kerbs and consisted of four concrete "T" beams at 6 feet centres, the flanges of the "T" beams being the main deck slab of the bridge. As the foundations could not be classed as unyielding, the superstructure beams were designed and constructed as simply supported.

The old three-span timber bridge over Honeysuckle Creek, near Baddaginnie, on the Hume Highway, had become so weak from decay of the timbers that a new structure was required. The abutments of the old bridge consisted of dressed granite and were found to be in perfect order. These were, therefore, used as the abutments of the new structure, which was otherwise of concrete. In order to effect this salvage and also obtain the standard 22-foot-wide roadway, it was necessary to make the kerbs overhang the old masonry. This was done on the bridge proper by continuing the normal overhang from the beam stems over the abutments, but on the approaches it was necessary to remove the two top courses of masonry and replace with an "L" type retaining wall with a pronounced overhang at the top, to line up with the kerb on the superstructure (see Plate No. 19). The new structure consisted of two freely supported spans of 30 feet each. The new centre pier required consisted of a row of eight timber piles driven to a set of $\frac{1}{4}$ inch when subjected to the blow of a 30-cwt. drop hammer falling 10 feet. They were cut off below permanent water level and capped with a continuous beam of concrete, from which vertical concrete posts were cast so as to support each superstructure beam. A crosshead was cast to give lateral rigidity. As a pier of this type was flexible longitudinally, it was held with concrete dowels extending from the beam seats into the crosshead and the abutment seating on one abutment. The other span was left free-ended on the crosshead to permit of temperature movements. The cost of this structure designed to carry two 20-ton tractors passing with 30 per cent. impact added was £1,387, or a cost of £1.05 per square foot of deck area.



Plate No. 19.—Honeysuckle Creek bridge, near Baddaginnie, Hume Highway, Section 2. Showing old masonry abutments.

A structure of similar length, but of three spans, so as to reduce deck level and avoid excessive grading of approaches, was constructed over Faithfull's Creek, on the same highway. Each pier consisted of four reinforced concrete piles—one under the stem of each "T" beam of the superstructure. These piles were broken down at the tops and spliced where necessary to give the correct height to the underside of the stiffening crossheads. For this type of pier, it has been found economical to reduce the driven length of piles to the minimum and to cast on columns from the top of the driven piles. This economy is due to the ratio of cost of cast in place column concrete to concrete in driven piles being approximately 1 to 3, also that lighter plant is required to drive the shorter piles, and that the piles themselves need not be driven so truly.

During the year attention was given to the design and construction of single-span structures with abutments built monolithically with the superstructure. Structures of this type can be built where foundations consist of good clay or better materials. The general principles involved require that the whole structure be considered as a unit and the design of both abutments and superstructure must be co-ordinated so that stresses produced from loads applied to the several parts are provided for and that advantage is taken of the economy of reduced sections due to mutual restraint. The positive bending moments in the superstructure beams are reduced by the restraint afforded from the abutments, and the quantity of materials required is also reduced. The abutments act to resist earth pressures as vertical beams between the foundation and the reaction produced at the top by the strut effect of the superstructure.

These structures are most economically proportioned by making the underside of the beams curved like the soffit of a flat arch and by accentuating the stiffness of the abutment by greater depth at the top so as to form a stiff corner joint. In some instances, it has been found that the tension produced from the dead load on the structure in the back of the abutments fully counteracts earth pressure tension on the face. Structures of this type have been erected at Toomuc Creek and Ararat Creek, on the Prince's Highway East, Section 1 (35-ft. span and 30-ft. span), Brushy Creek, on the main Healesville Road (30-ft. span), and at Sandy and Yankee

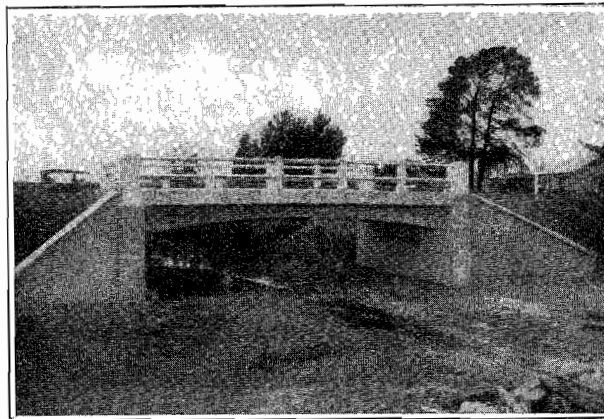


Plate No. 20.—Toomuc Creek bridge, near Pakenham, Prince's Highway East, Section 1. Single-span rigid frame construction.

Creeks, on the Northern Highway (each 30-ft. span). Where, as is often the case, the banks of the stream are flat and the maximum floods reach to the top of the banks, a certain amount of earthwork approaches can be saved by the lower level of the roadway over the bridge made possible by the smaller depth of the superstructure beams. Plate No. 20 shows a view of Toomuc Creek Bridge which is typical of the general appearance of this type of structure. The curved soffit of the underside of beams follows closely the requirements of bending and shear stresses, and is a structural necessity rather than an architectural foible.

Of a similar nature (but designed as a rigid frame more for live loads than for dead loads) is the three-span two-pier type of structure shown in Plate No. 21, which shows the bridge over Little River at Ripley, on the Geelong-Bacchus Marsh Road. The structure is 86 feet overall with a centre span of 50 feet. The width between kerbs is 20 feet. An almost exactly similar structure was constructed over Snowy Creek, on the Omeo Highway.

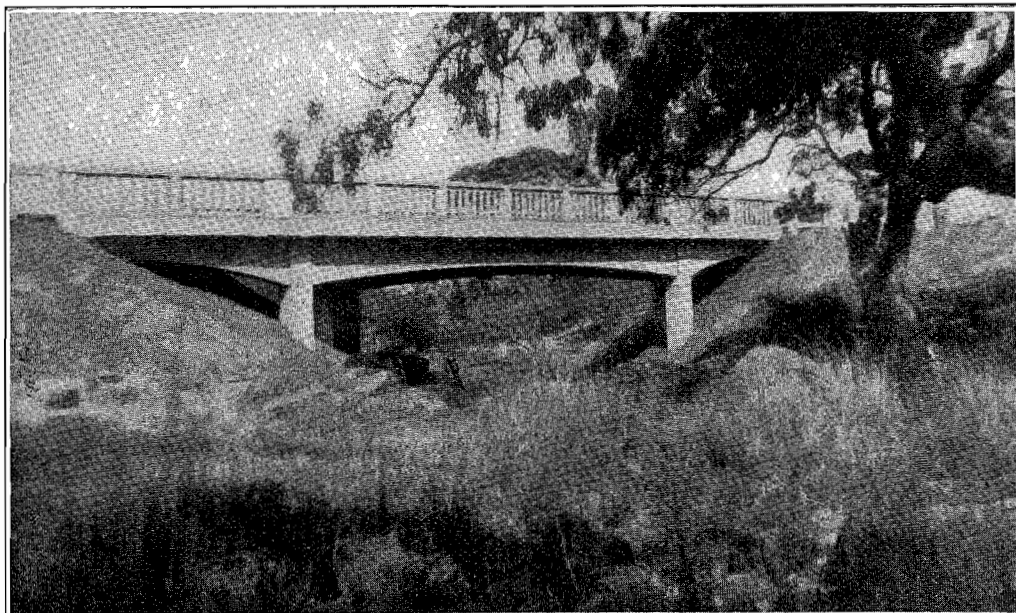


Plate No. 21.—Little River bridge, near Ripley, Geelong-Bacchus Marsh Road.

Where replacements of old timber superstructures on masonry abutments and piers is required, and, where speed of construction is important, the use of rolled steel joists with a concrete slab deck has been made. Structures of this type were completed over Fiery Creek, on the Ballarat-Hamilton Road (two 30-ft. spans), Myrning Creek and Minns Creek at Melton, both on the Western Highway, and of 25-ft. spans.

For minor permanent structures where reinforced concrete pipes were either not sufficiently strong or were uneconomical, the use of reinforced concrete box culverts has been largely made. Culverts of this type have a distinct advantage where headroom is small and where the grading up of approaches is both costly and objectionable. When designed for use with a slab floor, the unit-bearing pressure is so small that structures of this type when protected with suitable cut off-walls may be used on soft foundations.

Two modifications of this type of structure are those at the Olinda Creek, at Lilydale, and the Moyne River, near Hawkesdale. In the former, the foundation material was too soft for even a box culvert, and a row of timber piles was driven under each abutment and intermediate wall. At the Moyne River solid rock was exposed over the river bed. The abutments consisted of a vertical slab, but the intermediate supports were a row of cast in place concrete columns surmounted by a crossbeam, and the superstructure consisted of a plain concrete slab cast monolithically with the abutments and supports. The centre span was 18 feet, and the end spans each 14½ feet. By lengthening the centre span slightly the same maximum positive bending moments in all spans was obtained and a constant slab thickness used throughout the superstructure.

At Pyke's Creek Reservoir, it was necessary to replace the timber bridge over an arm of the reservoir, because the State Rivers and Water Supply Commission found it necessary to raise the level of the water retained for increased storage. Advantage of the necessity for a new structure was taken to improve the alignment of the approaches. The centre line was skewed so as to enable the existing 75 feet radius curve at the Melbourne end to be replaced by a curve of 150 feet radius, and the curve at the Ballan end of the bridge has been eliminated. The new structure is to be of reinforced concrete with a total length of 246 feet and a total width of 27 feet between kerbs to provide a roadway 22 feet wide and a footway 5 feet wide.

The span lengths were designed so as to provide the most economical section for the superstructure, and also so that as little subaqueous foundation work as possible was involved

The superstructure was designed as a continuous bridge, and the foundations were carried down to the sandstone rock which occurs at a shallow depth below the bed. By making the span lengths $40\frac{1}{4}$ feet, $54\frac{1}{2}$ feet, $56\frac{1}{2}$ feet, $54\frac{1}{2}$ feet, and $40\frac{1}{4}$ feet, it was found that only two piers were in the water retained by the reservoir, and also that the bending moments in the centre spans were equal to those in the end spans, one end of each of which was freely supported to provide for expansion.

The substructure of the bridge was done by day labour because of the uncertainty of cost due to variations in the water level. For the two piers in the water, a light timber platform was erected, and after the bases were excavated to the solid rock concrete was placed through water by a bottom dump bucket using as forms circular corrugated iron cylinders lined with plain iron. Use was made of pneumatic hammers working under water to prepare the base of the rock foundations.

Because of the height above water and the cost of providing adequate staging for the forming of the superstructure, use was made of light welded trusses. These trusses were designed to act as partial reinforcement when embedded in the concrete beams, and also to support the forms and concrete during the casting of the superstructure. General details of the method of construction are shown in Plates Nos. 22 and 23.

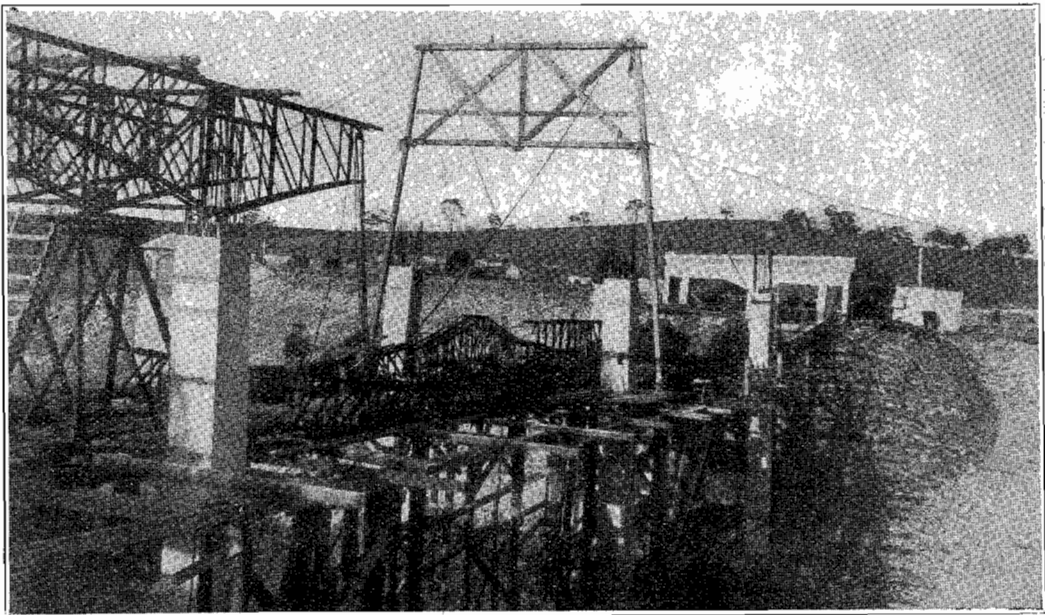


Plate No. 22.—Pyke's Creek bridge, near Ballan, Western Highway, Section 1. Showing welded steel trusses partly erected.

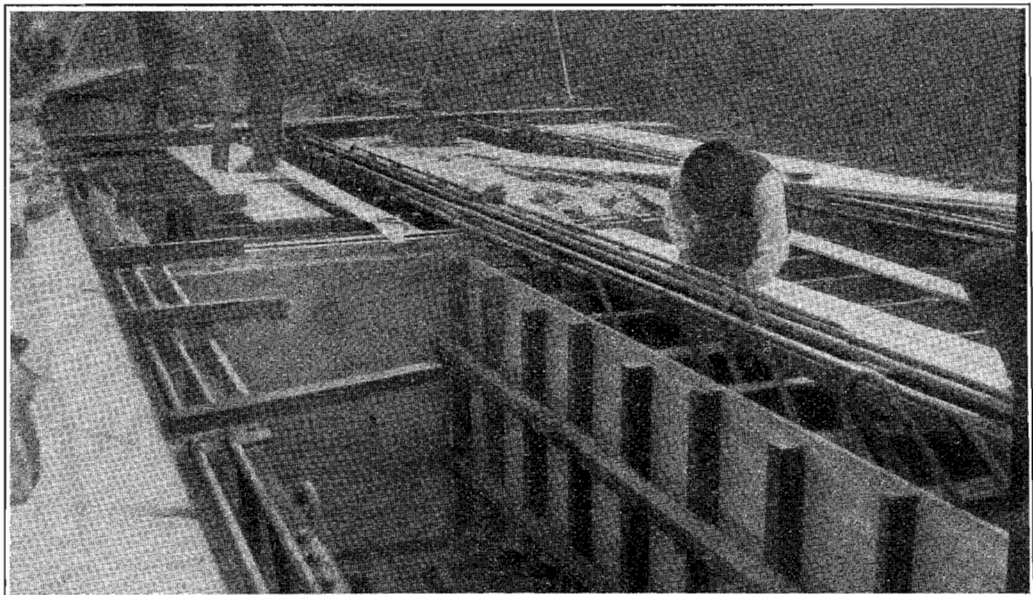


Plate No. 23.—Pyke's Creek bridge. Showing welded trusses supporting framework for concrete.

Apart from short culverts where the normal road surfacing of gravel or bitumen penetration macadam can be used (the latter only when highway construction plant is available within close distance), it has been found that it is difficult to secure a satisfactory bituminous surface over bridge decks at a reasonable cost. Where attempts have been made to use premixed bituminous

macadam pavement, it has been found that the slow progress caused by the small heating and mixing apparatus and the cooling off resulting from the length of time which elapses until sufficient pavement has been put down to enable the roller to start consolidation, results in an imperfect surface. Very often the cost of roller and plant hire required is out of all proportion to the extent of the work involved. Greater use is, therefore, being made of concrete as a wearing surface for concrete bridges. This has resulted in smooth surfaces which can be put down at a very low cost. The general method in use is to cast the concrete wearing surface in alternate bays of lengths between 10 and 15 feet depending on the overall length of the structure.

The bays are cast between light angle-iron templates placed transversely on the bridge deck and held securely down by three $\frac{1}{2}$ -in. diameter bolts which are precast into the deck. The concrete so placed is then brought to a straight longitudinal profile by the use of a heavy tamper working off the upper edge of the angle-iron template and finally finished by floating longitudinally with a stiffened timber float working also off the upper edge of the angle-iron template. Templates are subsequently removed, bolts nipped off to deck level, and the omitted bays are then cast, using the surfaces of the previously cast bays as tamping and floating templates. The thickness usually employed for the wearing surface is 3 inches, and the mix used is 7 cubic feet of cement (658 lb.) per cubic yard of finished concrete. No trouble has been encountered with cracking or spalling of this comparatively thin wearing surface, though the deck concrete on which the wearing surface is cast may have been placed some weeks previously.

For many years reinforced concrete pipes and box culverts have been manufactured and used as minor structures on roadway works. In order to ascertain what limits of filling may be placed on these structures, a simple testing apparatus has been installed. This is illustrated in Plate No. 24, which shows a 4-ft. span box culvert being tested. The test loads are applied by a hydraulic press fitted with a gauge, which records the total load developed. For testing pipes, the load is applied uniformly along the crown of the pipe by a piece of timber under a rolled steel joist, the base of the pipe being supported on two timber pieces, 1 inch apart for every 1 foot of pipe diameter. Specifications for the use of precast pipes have been drafted to regulate their use under light and heavy load conditions and the councils circularized. Precast structures are generally more expensive than cast in place culverts, but, due to the speed with which they can be placed in position, they serve a useful purpose for places where traffic would be inconvenienced for long periods and where the waterway required is small.

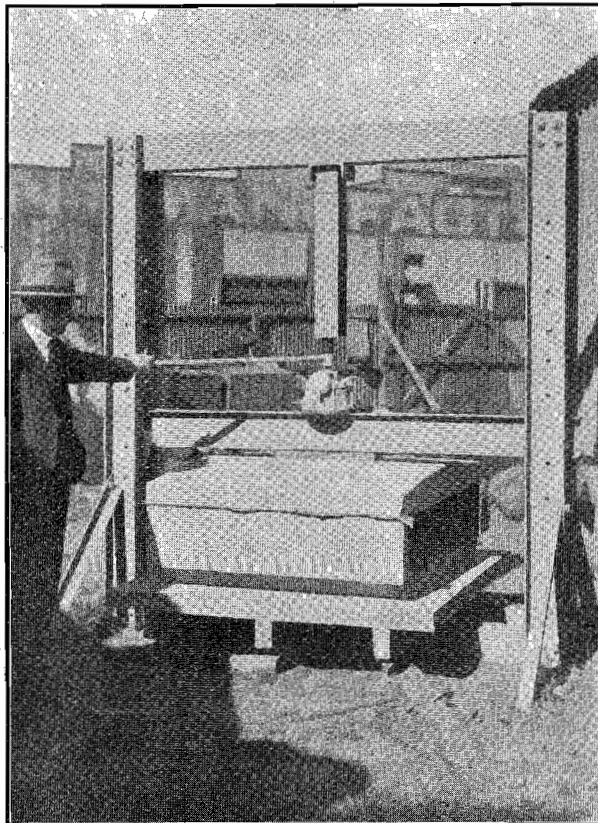


Plate No. 24.—Testing precast concrete box culverts.

Where water has been allowed to run down side drains over any length where the grades approach 5 per cent., continuous erosion of the bed of the drains causes very deep scours. In the Castlemaine district a scour, due to continued neglect, has caused a scour 16 feet deep and 30 feet wide right alongside the roadway. As deviation of the road was impossible, due to local conditions, it was necessary to construct retaining walls to enable the proper formation width to be obtained.

and drop structures to absorb the energy of the falling water at the top end of the scour. Plates Nos. 25 and 26 show a severe scour near Elphinstone before and after a concrete protective structure was built.

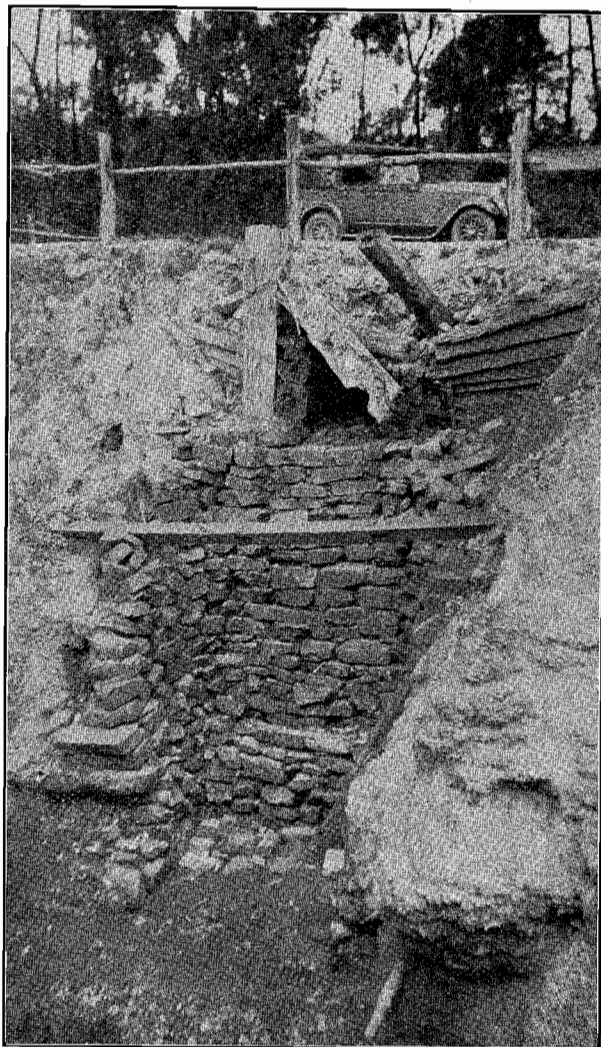


Plate No. 25.—Calder Highway, Section 1, near Elphinstone.
Scour caused by side drainage.

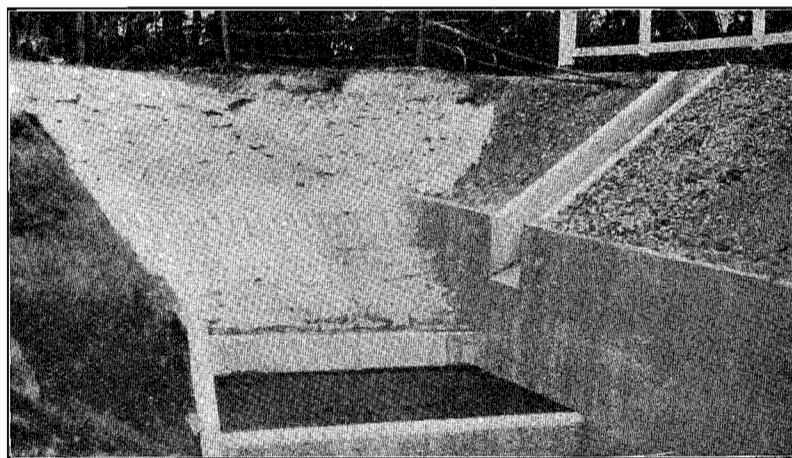


Plate No. 26.—Site as above with concrete drop structure and retaining wall.

At Hancock's Gully, on the Prince's Highway east, near Pakenham, similar side drain erosion was stopped (after the formation width had been restored) by means of a 4-in. thick concrete apron constructed in segments on the widened bank, with a concrete toe wall.

During the year some research work was carried out to determine the effect of load distribution to the various beams in a bridge with a concrete deck. Preliminary results are substantially in agreement with calculations, and it has been found that the concrete slab deck has an important influence in distributing the loads over the several beams. In consequence, it has been found possible to reduce the maximum live load concentrations on centre beams when designing bridges.

DISTRICTS.

A district office has now been established at Warrnambool as forecasted in the previous report. The Board has also appointed an inspecting engineer to exercise in a district around the metropolis, including 58 municipalities, responsibilities similar to those of the District Engineers in the outer districts.

In general, there has been during the year increased co-operation between officers of municipal councils and the Board's district officers. The advice of District Engineers has been availed of in preparation of statements by the councils of the funds required for the Board's roads and, at a later stage, in the methods of maintenance and details of contract work. The Board has also a traffic inspector on duty in each district, and more effective supervision is thereby exercised, preventing damage to roads from types of traffic which the pavements have not been designed to carry.

SALE DISTRICT.

Systematic maintenance of the Prince's Highway East has continued, and improvements have consisted in widening the formation and improving the visibility in hilly country and in strengthening the pavements to a suitable standard over each section so as to reduce the cost of surface maintenance. A larger measure of re-alignment has been commenced through the Haunted Hills, where a contract for reforming 3·8 miles is in progress. The gravel section previously reconstructed between Loy Yang and Flynn's Creek has been treated with bitumen, and similar improvements of this nature are in progress, so as to provide a smooth sealed surface as far as Bairnsdale.

BENDIGO DISTRICT.

An outstanding feature of the work supervised directly by the Board was the construction of over 5 miles of gravelled road on the Northern Highway, between Bagshot and Goornong. The new work is on high ground, and replaces portion of the old Bendigo-Echuca road which is liable to severe inundation by the Bendigo Creek. This portion has accordingly been de-mained. Opposite Strathallan about 8 miles of permanently gravelled road have been surface-sealed as a protection against flooding by the adjacent Campaspe River.

The North-Western Highway has been re-named Calder Highway, in honour of the late Chairman. Its importance is measured not only by its length and by the number of important towns on the route, but also by the large number of main and developmental roads feeding it, and the interstate connexion which it gives to the Riverina via the Mildura bridges.

Macadam and gravelling has been continued between Bendigo and Wycheproof, gravel previously laid down has been sprayed, and about 10 miles of penetrated metalled road sealed. Between Wycheproof and Sea Lake lengths of formation have been gravelled or covered with limestone so that only short lengths of clayey road remain. Further north limestone has been used over sandhills and salt pans, so that the whole highway has been rendered negotiable by traffic at all times, and, with the exception of a few slippery or rough lengths, the highway is also comfortable to travel upon.

The Murray River Valley road extends in this district from Echuca, via Cohuna, Kerang, and Swan Hill, to Euston, and from Mildura to the South Australian border. It passes through long stretches of country which in wet weather are impassable for wheeled traffic owing to the heavy tenacious clays met with. Attention has been given to dealing with some of the worst of these obstacles remaining between Gunbower and Tresco, while large amounts are being spent between Swan Hill and Euston to pave over the clay and to raise the road above the Murray flood. West of Mildura, where the problem is chiefly to overcome heavy sand, forming and paving with limestone have continued.

A considerable length of forming and gravelling on Mt. Camel Estate road gives access for settlers to the railway. Federal aid funds were used in this developmental work. The road also forms part of the direct route from Heathcote to Rochester.

Great strides have been made under the supervision of the Mildura Shire in developing the Mallee country west of Redcliffs by a system of feeder roads to the Merrinee railway. These roads traverse steep heavy sandhills which prevent the cartage of produce until graded and metalled.

Investigations have been made into the deterioration of limestone pavements exposed to ground water charged with salt, and experimental work to counteract this effect is in progress.

BENALLA DISTRICT.

The North-Eastern Highway has been re-named Hume Highway, to commemorate the explorer Hume who, with Hovell, passed southward in 1824. The highway closely follows their route between Balmattum and Wallan.

The length in this district is 129 miles. Typical methods of patrol maintenance have been used, eighteen full-time patrolmen being engaged, each with a horse, dray, and road drag. Heavier work has been carried out by two small gangs equipped with light motor trucks.

Improvements in alignment have been made by eliminating a sharp turn near the Vine Hotel at Wangaratta, and by constructing 7,588 feet of gravelling on the east side of the railway at Springhurst, thus avoiding two level crossings and a very rough section of road through the township.

The general condition of the pavement throughout has been steadily improved. There is a consequent marked increase in traffic, and business places are being attracted to the improving road.

On Mount Buffalo road further progress was made in widening to 18 feet from Eurobin Falls to Mackey's Lookout, and two-way traffic to that point is now possible (see Plate 27). The work was done by day labour, and was discontinued when working conditions became too severe.



Plate No. 27.—Mount Buffalo Road. Widened section near Mackey's.

A very bad clay section of the Goulburn Valley Road in Goulburn Shire known as "Taylor's Plains" has been successfully constructed with coarse sand from the Goulburn River. The sand was spread in firm boxing in a single layer 2 inches thick, and consolidated by trafficking and dragging. The sand for some time remained in a loose state, as it is naturally free from clay, but setting has gradually been effected. In this district where local gravel and stone are lacking it has been the practice to use rail-borne materials, and the successful use of river sand enables work to be cheapened.

A contract for the construction of 6.69 miles of road has been completed, leading from the irrigation settlement at Katandra to the railway at Congupna. The pavement consists of a foundation of hand-broken stone and a top course of granitic sand, both materials being obtained at Katandra.

On the Omeo Highway in Towong Shire deviation and reconstruction were commenced with Federal aid funds on the tortuous hill section between Lightning Creek and Granite Flat. Plate No. 28 shows portion of completed formation.



Plate No. 28.—Omeo Highway. New formation between Lightning Creek and Granite Flat.

STAWELL DISTRICT.

On the Western Highway between Ballarat and Burrumbeet a contract has been let for reconstruction in penetration bituminous macadam. Over 5 miles have been completed this year.

The section through Dadswells has been cleared and formed, and is now quite good when dry, though slippery in wet weather. The only local material available for paving this length is a poor quality gravel deposit near Mt. Zero; this gravel is expected to be satisfactory for the traffic, which as yet is relatively light and sparse.

Between Horsham and Dimboola extensive sand clay work is in progress by contract, on the lines of the successful experiments previously reported.

Portions of the Western Highway are still under the supervision of the shire councils. Through the Ararat and Lowan Shires the whole length is good. In the Stawell Shire 4 miles of reconstruction have been completed. In the Dimboola and Lawloit Shires some reconstruction work has been carried out with local material; this work will be pushed on as money is made available. At present, where the road is unmade or only formed, traffic in wet weather is uncomfortable.

Throughout the district for the year the most noticeable feature is the increasing interest taken by councils in the use of tar or bitumen as a surface binder. The unusually dry seasons in a normally dry district, combined with increasing use of fast-moving vehicles, shows that waterbound roads are very difficult to maintain until sealed. A great deal of interest is being shown by the councils in the spraying of gravel and sand roads, as carried out by the Board in other parts of the State. Work of this nature is proposed on several main roads as well as on the Western Highway.

Further improvements have been made on the Grampians tourist roads, a fairly passable summer track having been completed through the Wannon Valley, and an interesting summer trip can now be taken from Hall's Gap to Dunkeld through this valley.

Contracts have also been let to complete the road from Hall's Gap over Mount Victory to the McKenzie Creek Falls, and next summer tourists will be able to use this road right through from Hall's Gap to Horsham. This should prove very popular owing to the many points of interest to be seen in this wonderful natural flower garden.

WARRNAMBOOL DISTRICT.

In July, 1928, a district engineer was appointed to take charge of the Warrnambool District, with head-quarters at Warrnambool. The Prince's Highway from Pirron Yallock to the South Australian border, with the exception of a section between Pomborneit and Garvoc, is now controlled by this engineer. Continuous patrol maintenance for the whole length has been established, resulting in a steady improvement in the condition of the road.

Contracts were let and the construction commenced of 5 miles of penetration macadam through the Stony Rises between Pirron Yallock and Stoneyford, and of $5\frac{1}{4}$ miles between Camperdown and Terang, and surveys were completed for a very extensive programme of reconstruction of long sections of old macadam between Camperdown and Warrnambool.

The existing bitumen surfaced waterbound macadam road 1.9 mile in length between Warrnambool and Dennington was widened from 16 feet to 24 feet in penetration macadam; $7\frac{1}{2}$ miles of waterbound macadam road between Port Fairy and Yambuk, constructed during the early part of the winter, were surfaced with bitumen. There is now a continuous bitumen surfaced road for 36 miles from Allansford to Yambuk.

A contract was let for the forming of six gaps (totalling $5\frac{3}{4}$ miles) in the existing road between Dartmoor and the border; 4,000 feet being completed by 30th June. With the exception of these gaps, and another gap of $\frac{1}{2}$ mile at Greenwald, for the construction of which tenders have been invited, this highway is formed and metalled or gravelled for its whole length, and the work in the future will consist of maintenance and the reconstruction with higher grade surfaces as warranted from time to time by the increase in traffic.

The Western District for the greater part is well provided with a soft basalt, and until the advent of motor traffic the waterbound macadam roads constructed with this material were entirely satisfactory. Of late years very considerable difficulty has been experienced in maintaining these roads, due to ravelling during the summer months. All the shire councils have commenced, or are about to commence, the work of bitumen surfacing the most important main roads, so that by the end of five years the whole district will be traversed by a network of bitumen surfaced roads.

BITUMINOUS SURFACING OF ROADS.

During the 1928-29 season the Board's six 800-gallon steam sprayers treated a length of 114.6 miles with a single-coat treatment and 138.9 miles with a double-coat treatment, at a total cost of £72,305.

The average cost per square yard is 5·72d. per square yard for single-coat and 9·24d. per square yard for double-coat treatment, compared with 5·28d. and 8·59d. respectively for the previous season. The increase is due in part to the fact that the work is extending further away from Melbourne, giving increased freights and also to the recent increase in railway freights on bitumen.

Total Length.		Single Coat.	Double Coat.
Feet	.. ..	605,088	733,392
Miles	.. ..	114·6	138·9
Width	.. ..	12 feet to 20 feet, average 18 feet	10 feet to 18 feet, average 14 feet
Total surface area	.. ..	1,177,500 sq. yards	1,149,045 sq. yards
Total cost (approx.)	.. ..	£28,065	£44,240
Cost per square yard	.. ..	5·72d.	9·24d.
Cost per mile 17 feet wide	.. ..	£238	£384
Total length treated		.. ..	253 miles
Total expenditure		.. ..	£72,305

The five 300-gallon capacity roller or tractor drawn sprayers have been used in district work, mainly on gravel roads and penetration works, and have treated a total length of 25 miles of road. The average costs are 5·77d. per square yard for single-coat treatment and 11·4d. per square yard for double-coat treatment.

The application rates used have been as follow :—

Single-coat treatment—

- 0·30 gallons per square yard on asphaltic macadam.
- 0·20 gallons per square yard on resealing a bituminous surface.

Double-coat treatment—

- Primer coat 0·15 to 0·20 gallons per square yard.
- Seal coat 0·30 gallons per square yard.

Owing to spraying works being in progress in April the seal-coat bitumen was fluxed with C.O.R. residual oil to a penetration of 180–200, to enable the covering material to be more easily incorporated in the carpet at the low temperatures prevailing.

Small quantities of asphaltic road oil have been used experimentally. It forms carpets holding a large amount of mineral matter, but was applied in winter, and its behaviour under summer temperatures has yet to be observed.

Penetration works require a light mobile sprayer for economical handling and applying the hot bitumen. Mechanical application has the advantage that the application is more uniform than can be obtained by hand methods, and overlapping junctions, with their inevitable excess of bitumen, are reduced to a minimum. The Board has several 3-ton Thornycroft motor lorries which were used for cartage of road metal and stores when works were in progress in the outer metropolitan area. A 400-gallon spraying unit was mounted on one of these Thornycroft chassis, and tests were carried out to test the efficiency and utility of this unit. The bitumen pump, driven by a 4½ horse-power petrol-engine, is run at a constant speed, thus ensuring a constant pump discharge, and the desired rate of application is obtained by a selection of a suitable road speed. Any application from 0·10 to 1·0 gallon per square yard can be obtained, as desired, by varying the road speed from 9 miles per hour to 1 mile per hour. Road speed is controlled by observing a speedometer with a scale so arranged that the indications are magnified approximately five times the actual road speed. It is anticipated that such units will prove of great service and that further units could be economically used, particularly as the capital cost is low. The chassis have done considerable work, and thus are charged at a depreciated value, and as the annual mileage will be comparatively low their effective life as sprayers should still be long.

LABORATORY.

The greater space available in the new office building has made it possible to provide better facilities for laboratory work, and both routine tests of materials and research work aiming at the use of new or improvement of known materials, has now been placed on a satisfactory basis. The laboratory is in charge of a University graduate, and new apparatus has been installed, with the result that tests which were formerly carried out by outside bodies are now carried out in the Board's laboratory, at a considerable saving of both time and cost. What is of more importance, the work is under continuous control of the Board's senior officers, and the research work can be more definitely correlated with field experiments.

Amongst the most important researches which have been carried out during the year have been investigations aiming at the extension of the use of local tars, and the determination of the most suitable tests for estimating the behaviour of sub-grade soils and natural or artificial sand clays.

For routine tests simple mechanical devices have been installed to facilitate the work, and large numbers of tests of material, such as gravel, road metal, concrete aggregates, bitumens, tars, road oils, &c., are constantly being carried out.

The road material testing laboratory of the University has special machines for making many tests, and it is not considered economical for the Board to instal such machines when the University laboratory is available, and for these tests materials are sent to the University.

Yours obediently,

L. F. LODER,
Chief Engineer.

APPENDIX A.
COUNTRY ROADS BOARD FUND.

Dr.		RECEIPTS.		PAIDMENTS.		Cr.	
1928.	1929.	£	s. d.	£	s. d.	£	s. d.
July 1, 1929.	To Balance	76,590	3 5				
June 30.	Motor Car Act No. 2702— Registration Fees	1,034,225	11 3			918,724	0 7
	Licence Fees	53,067	13 0			6,625	4 1
	Fines	13,436	4 3				
	Less Refunds and Costs of Administration	1,100,729	8 6				
	Unused Roads and Water Frontages Act No. 1694— Licence Fees	23,017	10 11				
	Less Refunds and Cost of Administration	2,388	19 9				
	Motor Omnibus Act No. 3570— Fees and Fines	1,430	3 2				
	Less Refunds	21	8 0				
	Country Roads Act No. 2635— Registration of Traction Engines	1,838	0 0				
	Width of Tyres Administration— Fees and Fines	693	14 3				
	Acts Nos. 3570 and 2635—Costs	2,531	14 3				
	Municipalities Repayments— Permanent Works	115,957	19 8				
	Maintenance	165,476	7 0				
	Appropriation for Maintenance Act No. 2986	42,179	16 4				
	Hire of Plant	105,277	15 0				
	Stores and Materials	39,441	7 9				
	Sundries	186,898	19 1				
	Advances on Account of Expenditure under Act No. 3235—Item 4, and Division 65, Subdivision 13, Item 9—Tourist Vote—Refunded						
	Advances, Division 66/4, on Account of Expenditure to Relieve Unemployment—Refunded						
	Advances under Division 66/4—Construction of Roads for Isolated Settlers						
	Treasurer's Advance on Account of Expenditure—Construction of Williamstown Short Road						
	Advances for Construction of Roads under Migrants' Grant—Childers Settlement—Refunded						
	Advances, Division 66/4—For Construction of Roads to Relieve Unemployment	1,059,821	2 7			11,192	6 3
	Less Refund					358	16 10
	Advances, Division 66/4—For Construction of Roads for Isolated Settlers						
	Treasurer's Advance for Construction of Port Melbourne to Williamstown Short Road						
	Advances for Construction of Roads under Migrants' Grant, Closer Settlement Board	20,628	11 2			13,431	1 3
	Less Refund					1	6 6
	Advances for Construction of Migration Developmental Roads	1,408	15 2			27,290	13 5
	Less Refunds					149	6 9
	Less Transfer to Developmental Roads Loan Act No. 3255					27,141	6 8
	Advances for Construction of Roads for Relief of Unemployment in Thrip-infested Areas	2,672	15 1			7,205	4 2
	Advances for Extension of Great Ocean Road						
	Mount Defiance Section					2,261	17 11
	Less Refunds					1,148	5 7
	Advances Calder Memorial Avenue Tree Planting					3,410	3 6
	Repayment of Advance from Public Account					145	1 5
	Balance						
						3,265	2 1
						1,392	19 2
						100,000	0 0
						192,116	3 2

APPENDIX A—continued.

COUNTRY ROADS BOARD FUND—continued.

RECEIPTS—continued.			PAYMENTS—continued.		
Dr.	£	s. d.	£	s. d.	Cr.
1929.					
To Advances for Extension of Great Ocean Road	2,150	0 0			
„ Advances Division 46/9—For Mt. Dehance Section	933	2 4	3,083	2 4	
„ Advances Calder Memorial Avenue Tree Planting—Refunded		1,427 16 2			
		<u>1,676,378 4 9</u>			<u>1,676,378 4 9</u>
RECONCILIATION STATEMENT.					
Balance as per Country Roads Board Accounts	£	192,116 3 2	£	s. d.	192,174 13 10
Add outstanding Transfers	..	23,305 14 11	..	..	58,590 19 11
		<u>215,421 18 1</u>			<u>250,765 13 9</u>
					<u>35,343 15 8</u>
					<u>215,421 18 1</u>

Dr.

REVENUE ACCOUNT, 30TH JUNE, 1929.

1929.	£	s. d.	£	s. d.	Cr.
June 30. To Maintenance Works—General	494,089	11 2			
„ Maintenance Works—					
Woods Point Road	2,892	13 9			
Woods Point Road	1,977	19 5			
Walhalla Road	774	13 1			
Mount Buffalo Road	6,284	1 1			
Mount Buffalo Road	1,957	4 8			
Bright-Oneco Road	1,800	0 0			
State Highways	402,322	13 4	418,009	5 4	
					912,098 16 6
„ Contribution to Sinking Fund			28,688	10 8	
„ Interest on Loans			86,065	11 8	
					114,754 2 4
					<u>30,000 0 0</u>
„ Consolidated Revenue (Act No. 3425)					
Office Furniture	2,477	10 9			
Printing and Stationery	1,539	9 2			
Salaries	41,477	8 9			
Insurance of Employees	98	8 8			
Instruments Account	185	16 6			
Plans Purchased	1,321	15 0			
Metal Investigation	3,185	13 5			
Office Expenses	1,549	6 8			
Audit Fee	447	4 7			
Testing Materials	1,074	0 4			
Storeyard Account	3,362	16 6			
New Storeyard	373	10 3			
					16,878 6 8
					338 9 0
					<u>1,274 19 5</u>
					48 8 1
1928.					
July 1. By Balance					331,247 19 8
June 30.					
Motor Car Act No. 2702—					
Registration Fees	1,034,225	11 3			
Licence Fees	53,067	13 0			
Fines	13,436	4 3			
Less Refunds and Cost of Administration	1,100,729	8 6			
			40,908	5 11	
					<u>1,059,821 2 7</u>
„ Unused Roads and Water Frontages					
Act—Licence Fees	23,017	10 11			
Less Refunds and Cost of Administration	2,388	19 9			
					20,628 11 2
„ Country Roads Act No. 2635—					
Traction Engines, Licence Fees, and Fines					1,838 0 0
Forfeited Deposits					338 0 8
Materials, Sale of					1 7 0
Plans, Sale of					207 1 0
Plant Earnings	46,104	2 3			
Deduct Working Costs	29,225	15 7			
					16,878 6 8
Rents					338 9 0
Royalty on Metal					1,274 19 5
Timber, &c., Revenue					48 8 1

APPENDIX A—continued.

Cr.

REVENUE ACCOUNT, 30TH JUNE, 1929—continued.

Dr.

1929.		1929.		1929.	
Dr.	£ s. d.	Cr.	£ s. d.	£ s. d.	£ s. d.
To Telephone Line, Mount Hotham ..	282 13 5	By Country Roads Act No. 2635—continued.			
" Motor Expenses ..	3,178 3 1	Redgum Timber at Woodonga ..	4 4 11		
" " Width of Tires and Motor Omnibus Act ..	5,060 5 7	Sale of Old Roads ..	352 2 5		
" " Less Fees, Fines, and Costs ..	2,216 7 3	Sale of Patrolman's Cottage ..	600 0 0		
" Travelling Expenses ..	2,843 18 4	Sale of Bridge Timber ..	1 14 7		
" Postage and Telegrams ..	3,809 14 5	Branch Stocks ..	0 17 9		
" Telephones ..	1,017 3 3	Maintenance Works—			
" Plant Purchase ..	260 12 0	Contributions Payable by Municipalities ..	151,976 10 9		
" Federal Aid Commission, 2 per cent. ...	15,029 1 9	Permanent Works—			
" Patrolmen's Cottages ..	6,703 19 2	Contributions Payable by Municipalities ..	126,395 8 6		
" New Offices, Exhibition Building ..	5,381 10 2	Country Roads Acts Nos. 2986/3379—			
" Record Survey ..	582 9 7	Appropriation for Maintenance of Roads ..	10,000 0 0		
" Investigation Surveys ..	35 17 0	Federal Aids Roads Act 1926—			
" Direction Posts and Sign Boards ..	1,038 17 3	Commission, 2 per cent. ..	11,504 13 2		
" Moving to New Offices ..	49 17 6				
" Traffic Census ..	21 12 7				
" Advertising ..	14 15 10				
" Extradition Charges, W. Tooth ..	20 2 3				
" Stocktaking, Timber at Woodonga, Horse Hire ..	2 5 0				
" Storage Sites ..	1,134 19 10				
" Experimental Section ..	1,000 0 0				
" Balance ..	100,184 14 1				
	576,420 4 5				
	1,733,457 17 4				

BALANCE-SHEET AS AT 30TH JUNE, 1929.

LIABILITIES.		ASSETS.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.
Contractors' Deposits ..	17,278 14 6	Country Roads Board Fund ..	192,116 3 2
Sundry Liabilities ..	8,259 13 11	Add Transfers Outstanding ..	23,305 14 11
Sinking Fund ..	293,053 4 5	Maintenance Expenditure—	
Revenue Account ..	576,420 4 5	Contributions Payable by Municipalities ..	151,976 10 9
		Contributions in Arrears ..	1,266 19 8
		Permanent Works—	
		Contributions Payable by Municipalities ..	126,395 8 6
		Contributions in Arrears ..	3,858 13 0
		Federal Aid Roads Act 1926—	
		Special Advance ..	22,500 0 0
		Commission Account, 1½ per cent. ..	21,476 5 0
		State Payment to Sinking Fund ..	1,433 14 5
		Outstanding Accounts ..	45,409 19 5
		Materials—Stock—	21,556 12 4
		Storeyard ..	16,892 5 9
		Branches ..	1,901 10 10
		Investment Account for Redemption of Loans ..	18,793 16 7
		Trust Account ..	293,053 4 5
			17,278 14 6
			895,011 17 3

APPENDIX A—continued.

COUNTRY ROADS BOARD LOAN ACCOUNT, ACT No. 2635.

RECEIPTS.		PAYMENTS.	
1928.	£ s. d.	1929.	£ s. d.
July 1. To Balance	.. .. 30,525 16 2	June 30. By Permanent Works (Appendix)	.. .. 225,601 8 2
1929.		Deduct Refunds	.. .. 2,676 16 9
June 30. „ Proceeds of Loans	.. .. 221,760 0 0	„ Balance .. ..	.. .. 222,924 11 5
	<u>252,285 16 2</u>		<u>29,361 4 9</u>
			<u>252,285 16 2</u>

RECONCILIATION.

	£	s.	d.	£	s.	d.
Treasury Balance	29,751	18	8
Add Outstanding Credits	1,079	3 9
Deduct Accounts in Transit	30,831	2	5
				<u>1,469</u>	<u>17</u>	<u>8</u>
				29,361	4	9

BALANCE-SHEET, AS AT 30TH JUNE, 1929

LIABILITIES.		ASSETS.	
£	s. d.	£	s. d.
Interest on Permanent Works	.. .. 32,628 9 6	Permanent Works Expenditure to date	.. .. 4,389,470 4 8
Loan Securities Issued	.. .. 4,455,879 16 8	Interest Capitalized on Permanent Works Expenditure—Act No. 2607	.. .. 32,628 9 6
Deduct Discount	.. .. 37,048 7 3	Country Roads Board Loan Account	.. .. 30,831 2 5
	<u>4,418,831 9 5</u>	Accounts in Transit	.. .. 1,469 17 8
			<u>29,361 4 9</u>
			<u>4,451,459 18 11</u>

DEVELOPMENTAL ROADS LOAN ACCOUNT, ACTS Nos. 2944, 2985, AND 3255.

RECEIPTS.		PAYMENTS.	
1928.	£ s. d.	1929.	£ s. d.
July 1. To Balance	.. .. 91,782 18 4	June 30. By Expenditure (Appendix)	.. .. 534,143 5 6
1929.		Less Refunds	.. .. 2,982 8 11
June 30. „ Proceeds of Loans	.. .. 445,680 0 0	„ Balance	.. .. 531,160 16 7
	<u>537,462 18 4</u>		<u>6,302 1 9</u>
			<u>537,462 18 4</u>

APPENDIX A—continued.

RECONCILIATION.

Treasury Balance	£	s.	d.
Outstanding Transfers	..	..	..
	13,974	2	3
	700	10	7
Deduct: Accounts in Transit	..	..	..
	14,674	12	10
	8,372	11	1
Balance as per Country Roads Board Loan Account	..	..	..
	6,302	1	9

BALANCE-SHEET.

LIABILITIES.		£	s.	d.	ASSETS.		£	s.	d.		
Loan Securities Issued	Developmental Roads Loan Account	..	..	..	6,302	1	9
Deduct Discount	Permanent Works Expenditure	..	..	..	5,454,048	18	0
Treasury Developmental Railways Act No. 2944	Contributions Payable by Municipalities, Acts Nos. 2944 and 2985	..	..	..	38,500	0	0
Consolidated Revenue Act No. 2985	Contributions Payable by Municipalities in Arrears	..	..	..	2,662	7	3
Interest Act No. 3255	Contributions Payable by Municipalities—Act No. 3255	..	..	..	73,018	10	6
Arrears of Interest Act No. 3255	In Arrears	..	..	..	56	13	9
Contributions Postponed					73,075	4	3
									5,574,588	11	3

DEVELOPMENTAL ROADS INTEREST—ACTS NOS. 2944, 2985, AND 3255.

RECEIPTS.		£	s.	d.	EXPENDITURE.		£	s.	d.		
1929.					1929.						
June 30.	To Interest Contributed by Municipalities—	..	..	..	June 30.	By Payments to Treasury	..	..	..
	Act No. 2944	..	..	..				
	Act No. 2985	..	..	..				
	Act No. 3255	..	..	..				
		9,625	0	0					87,376	8	5
		28,477	6	8							
		49,274	1	9							
		87,376	8	5					87,376	8	5

AUDITOR-GENERAL'S CERTIFICATE.

The Accounts have been audited and compared with the books, with which they agree. Reconciliations have also been made with the books of the Treasury. I certify that the statements submitted are correct.

(Signed) C. S. McPHERSON,
Deputy Auditor-General.
18th November, 1929.

EDWIN J. HICKS, Accountant,
14th November, 1929.

APPENDIX B.

TOURIST VOTE FOR IMPROVING AND MAKING ACCESSIBLE PLACES OF INTEREST—TOURIST RESORTS, ETC.—“A.” ACT No. 3235, ITEM 4. “B.” DIVISION 65, SUBDIVISION 13, ITEM 9.

STATEMENT OF EXPENDITURE FOR FINANCIAL YEAR ENDED 30TH JUNE, 1929.

		£	s.	d.
Hall's Gap-Wartook Road	.. Construction of Roads into and through Grampians*	2,927	5	10
Promontory Road	.. .. Constructing road to National Park	2,311	2	3
Great Ocean Road	.. .. Extension of Great Ocean Road between Lorne and Wye River	31	1	6
Betka River Road	.. .. Grubbing, Clearing, and Levelling Road from Genoa Road to Betka River*	74	3	6
		5,343	13	1

* “A.” £4,640 14s. 4d. * “B.” £702 18s. 9d.

SPECIAL GRANT FOR RELIEF OF UNEMPLOYED—DIVISION 66/4, 66/8, AND 65/13/9.

STATEMENT OF EXPENDITURE FOR THE YEAR ENDED 30TH JUNE, 1929.

Shire.	Road.	Amount.
		£ . s. d.
Healesville .. ..	.. Narbethong-Warburton	*3,702 10 9
Alberton .. ..	.. Dingo Creek	1,334 7 5
Buln Buln and Narracan	.. Willowgrove-Fumina	850 4 7
Orbost .. ..	.. Bonang-Delegate	1,979 5 2
Otway .. ..	.. Beech Forest-Apollo Bay	770 3 11
” .. ..	.. Ferguson-Charley's Creek	2,196 17 7
		10,833 9 5

* 65/13/9, £300. 66/8, £3,402 10s. 9d.

ROADS FOR ISOLATED SETTLERS, 66/4.—WILLIAMSTOWN SHORT ROAD.—MIGRANTS' GRANT.—CHILDERS SETTLEMENT ROAD AND GREAT OCEAN ROAD EXTENSION.

STATEMENT OF EXPENDITURE FOR FINANCIAL YEAR ENDED 30TH JUNE, 1929.

Shire.	Road.	Amount.
		£ . s. d.
Alberton .. ..	.. Cemetery	76 0 0
” .. ..	.. Livingstone	98 16 4
Bass .. ..	.. Mackie's Outlet	50 0 0
Berwick .. ..	.. Sanders	70 0 0
Glenlyon .. ..	.. Blackwood	48 13 6
Heytesbury .. ..	.. Hawk's Nest	175 0 0
” .. ..	.. Smoky Point	100 0 0
Korumburra .. ..	.. Henry's	155 10 0
Mirboo .. ..	.. Old Thorpdale	121 2 4
Narracan .. ..	.. Childers Settlement-Hocken's Outlet	9 10 0
Omeo .. ..	.. Reedy Flat Bridge	40 0 0
Orbost .. ..	.. Hug's Outlet	50 0 0
Otway .. ..	.. Gellibrand West	649 18 0
” .. ..	.. Access Road to Gellibrand Cheese Factory	82 17 0
” .. ..	.. Biddle's Busty Access	54 0 0
” .. ..	.. Cross's Outlet	10 0 0
” .. ..	.. Egan's Track	97 3 0
” .. ..	.. Harvey's Track	199 16 0

APPENDIX B—*continued.*ROADS FOR ISOLATED SETTLERS, 66/4, ETC.—*continued.*

Shire.	Road.	Amount.		
		£	s.	d.
Otway	D. Morrow's Access	50	0	0
"	Riley's Access	100	0	0
"	Torp's	54	7	0
Tambo.	Bill's Road	40	0	0
South Gippsland	McCartin's Connexion	68	0	0
Upper Yarra	Britannia Avenue	100	0	0
		<hr/>		
		2,500	13	2
		<hr/>		
Williamstown Short Road		1,490	3	9
		<hr/>		
Migrants' Grant—Childers Settlement Road		13,429	14	9
		<hr/>		
Great Ocean Road Extension		£2,148	8	10
"	—Mt. Defiance Section	1,116	13	3
		<hr/>		
		3,265	2	1

MIGRATION DEVELOPMENTAL ROADS.

STATEMENT OF EXPENDITURE FOR FINANCIAL YEAR ENDED 30TH JUNE, 1929.

Shire.	Road.	£ s. d.		
		£	s.	d.
Mildura Shire	Bambill South	1,982	5	7
"	Benetook South	2,877	14	8
"	Bambill North	1,997	16	4
"	Benetook North	123	10	10
"	Karrawinna North	1,046	13	10
"	Karrawinna South	1,455	13	3
"	Meringur North	1,685	2	8
"	Meringur South	1,248	2	6
"	Merrinee North	630	2	0
"	Merrinee South	2,227	1	11
"	Pirlta South	2,809	4	1
"	Pirlta North	1,668	9	6
"	Werrimull North	697	19	4
"	Werrimull South	2,588	15	11
"	Yarrara North	2,537	10	7
"	Yarrara South	1,565	3	8
		<hr/>		
		27,141	6	8

* This expenditure has been incurred under the provisions of Migration Agreement for construction of roads on the Red Cliffs to Meringur Line. The total estimated expenditure is £120,000—£30,000 to be borne by the Country Roads Board and £90,000 by Migration Commission. One-quarter of expenditure to 30th June, 1929, has been transferred to Developmental Roads Loan Act No. 3255.

FEDERAL STATE GRANT ACT 17.

STATEMENT OF EXPENDITURE FOR THE FINANCIAL YEAR 1928-1929.

	£	s.	d.
Murray River Valley Road—Mildura Shire	95	18	3
Timboon—Nirranda Road	311	14	8
		<hr/>	
		£407	12 11

APPENDIX B—continued.

FEDERAL AID ROADS ACT 1926.

STATEMENT OF EXPENDITURE FOR FINANCIAL YEAR ENDED 30TH JUNE, 1929.

							Main Developmental Roads.		
							£	s.	d.
1.	Morwell River	..	..	..	..	..	4,226	19	1
2.	Turton's Creek—Woorarra West	..	..	..	..	..	49	19	6
3.	Fumina	..	..	..	..	..	3,969	18	1
4.	Forrest—Apollo Bay	..	..	..	..	..	5,000	0	0
6.	Allambee Estate	..	..	..	..	..	1,152	15	4
7.	Yarra Glen—Glenburn	..	..	..	..	..	924	13	4
8.	Orbost—Delegate	..	..	..	..	..	2,286	15	5
9.	Jeeralang West	..	..	..	..	..	2,045	9	6
12.	Apollo Bay—Wye River	..	..	..	..	..	3,676	13	2
14.	Timboon—Nirranda	..	..	..	..	..	3,836	7	10
							110	4	4
16.	Murray River Valley—Cohuna Shire	..	..	..	..	..	1,405	10	3
	” ” ” Kerang Shire	..	..	..	..	..	9,624	11	9
	” ” ” Mildura Shire	..	..	..	..	..	4,820	11	3
	” ” ” Swan Hill Shire	..	..	..	..	..	8,161	6	3
17.	Toombullup	..	..	..	..	..	2,178	10	4
21.	Murray River—Tallangatta	..	..	..	..	..	945	7	8
22.	Lismore—Pittong	..	..	..	..	..	138	7	9
29.	Boolarra—Foster	..	..	..	..	..	1,665	3	6
30.	Shepparton—Rochester—Wycheproof—Rainbow—Rochester Shire	..	..	..	..	..	61	10	7
	” ” ” ” ” Rodney Shire	..	..	..	..	..	1,906	16	4
33.	Laver's Hill—Princetown	..	..	..	..	..	2,651	13	10
34.	Mt. Vernon and Boolool—Mirboo Shire	..	..	..	..	..	7,570	3	4
36.	Boolarra—Mirboo—Mirboo Shire	..	..	..	..	..	4	0	0
	” ” ” Morwell Shire	..	..	..	..	..	921	1	4
38.	Cann Valley	..	..	..	..	..	666	18	0
42.	Hordern Vale—Apollo Bay	..	..	..	..	..	2,007	18	6
43.	Kinglake	..	..	..	..	..	705	0	0
44.	Little Desert	..	..	..	..	..	3,563	16	11
45.	Mt. Camel Estate	..	..	..	..	..	6,417	0	7
46.	Mt. Sabine—Laver's Hill	..	..	..	..	..	2,024	3	5
47.	Orbost—Buchan	..	..	..	..	..	6143	0	3
48.	Panitya North	..	..	..	..	..	11,179	13	7
49.	Peterborough—Port Campbell	..	..	..	..	..	697	18	0
50.	Sale—Foster	..	..	..	..	..	1,826	9	0
51.	Vite Vite—Hampden	..	..	..	..	..	401	12	9
52.	Walhalla—Matlock	..	..	..	..	..	2,912	15	1
53.	Whitfield—Tolmie	..	..	..	..	..	281	11	7
56.	Timboon—Scott's Creek	..	..	..	..	..	917	5	0
							4,902	4	7
							2,743	19	8
							116,725	16	8
							Trunk Roads.		
501.	Casterton—Mt. Gambier	..	..	..	..	..	1,645	6	6
503.	Marnoo—Donald	..	..	..	..	..	4,595	3	0
							6,240	9	6
							Arterial Roads.		
1000.	Prince's Highway—West	..	..	..	..	..	67,663	2	5
1001.	” ” ” East	..	..	..	..	..	72,549	5	9
1002.	Western Highway	..	..	..	..	..	94,854	19	1
1003.	Calder Highway	..	..	..	..	..	91,870	6	3
1004.	Northern Highway	..	..	..	..	..	15,843	11	0
1005.	Hume Highway	..	..	..	..	..	83,745	19	0
1006.	Omeo Highway	..	..	..	..	..	8,714	4	11
							435,241	8	5
							SUMMARY.		
							£	s.	d.
	Main Developmental Roads	..	..	..	..	..	116,725	16	8
	Trunk Roads	..	..	..	..	..	6,240	9	6
	Arterial Roads	..	..	..	..	..	435,241	8	5
							558,207	14	7

APPENDIX B—*continued.*

TRUST FUND—HIGHWAYS AND VEHICLES ACT No. 3379.

EXPENDITURE UNDER THE SUPERVISION OF MUNICIPALITIES, YEAR ENDED 30TH JUNE, 1929.

	Trust Fund.		Special Appropriation.	
	£	s.	£	s. d.
Box Hill City	409	0 0
Brighton City	*985	0 0
Brunswick City	1,865	0 0	..	
Camberwell City	1,446	0 0	..	
Caulfield City	2,324	0 0	..	
Collingwood City	1,218	0 0
Essendon City	1,496	0 0
Fitzroy City	1,093	8 3
Footscray City	1,630	0 0
Hawthorn City	1,171	0 0	1,165	0 0
Kew City	886	0 0
Malvern City	*1,599	0 0
Melbourne City	*3,765	0 0
..	3,747	0 0
Mordialloc City	281	0 0
Northcote City	1,423	0 0
Oakleigh City	345	0 0
Port Melbourne City	478	0 0
Prahran City	1,881	0 0
Richmond City	1,575	0 0
South Melbourne City	1,711	0 0
Williamstown City	*854	0 0
Blackburn and Mitcham Shire	218	0 0	..	
Braybrook Shire	*228	0 0
Broadmeadows Shire	166	0 0
Doncaster and Templestowe Shire	109	0 0
Eltham Shire	168	0 0
Werribee Shire	2	0 0	*208	0 0
Ballarat City	1,359	0 0
Bendigo City	*957	0 0
Geelong City	579	0 0
Warrnambool City	291	0 0
Geelong West City	412	0 0
Hamilton Town	191	0 0
	£7,026	0 0	£31,209	8 3

* Grant for 1927-28 Financial Year.

SUMMARY OF BOARD'S ASSETS AT 30TH JUNE, 1929.

	£	s.	d.	£	s.	d.
Workshop Fittings, &c.	3,146	2	3			
Furniture and Fittings	10,504	11	6			
Instruments (Survey)	499	16	6			
Instruments (Pistols)	42	0	0			
Testing Laboratory	306	17	6			
Patrolmen's Cottages	10,865	11	2			
Storeyard No. 1	6,354	0	0			
Storeyard No. 2	1,611	2	0			
Motor Cars and Motor Cycles, including Police Patrol Cycles	7,908	17	6			
				41,238	18	5
Working Plant .. .. .	..	..	..	69,816	0	0
Total .. .. .	..	..	..	111,054	18	5

EDWIN J. HICKS,
Accountant.

14th November, 1929

APPENDIX "C."

COUNTRY ROADS BOARD.

STATEMENT OF APPORTIONMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE OF MAIN ROADS FOR THE YEAR ENDED 30TH JUNE, 1928.

Name of Municipality.	Permanent Works.		Maintenance.	Name of Municipality.	Permanent Works.		Maintenance.
	Principal.	Interest.	Amount.		Principal.	Interest.	Amount.
	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Alberton Shire ..	5,990 14 11	118 17 2	2,030 18 10	Brought forward	56,093 19 11	1,108 0 10	81,839 6 9
Alexandra Shire ..	2,104 9 2	30 9 10	1,046 1 9	Huntly Shire ..	1,231 15 6	29 4 8	469 12 4
Arapiles Shire ..	835 1 6	16 11 4	837 9 6	Inglewood Borough	..	..	83 13 7
Ararat Borough ..	..	..	275 16 9	Kara Kara Shire ..	3,432 2 5	55 2 9	561 13 8
Ararat Shire ..	69 17 10	2 1 11	3,366 18 5	Karkaroc Shire ..	3,293 13 9	94 12 5	1,523 1 7
Avoca Shire ..	110 9 6	2 11 9	334 11 9	Keilor Shire ..	0 3 2	0 0 0	1,046 5 1
Avon Shire ..	37 18 1	1 10 10	215 19 8	Kerang Shire ..	..	0 3 2*	112 6 11
Bacchus Marsh Shire	19 19 5	0 13 5	1,067 15 1	Kilmore Shire ..	471 10 9	2 5 4	138 18 8
Bairnsdale Shire ..	170 9 3	6 12 7	692 11 5	Koroit Borough ..	..	..	740 14 7
Ballan Shire ..	907 12 2	12 12 3	1,866 5 10	Korong Shire ..	1,160 9 4	15 3 1	403 0 11
Ballarat Shire ..	0 5 0	..	1,813 12 0	Korumburra Shire	2,512 4 10	46 17 0	2,625 17 10
Bannockburn Shire	..	..	916 8 11	Kowree Shire ..	1,177 7 9	27 0 7	1,629 3 0
Barrabool ..	..	..	607 14 8	Kyneton Shire ..	57 4 4	1 16 2	554 16 3
Beechworth Shire	652 6 5	13 9 4	562 8 8	Lawloit Shire ..	2,045 12 4	26 17 1	734 4 5
Belfast Shire ..	148 3 0	4 7 5	1,400 18 2	Leigh Shire ..	13 13 10	0 8 3	614 14 3
Benalla Shire ..	178 0 2	6 17 3	1,640 10 7	Lexton Shire ..	..	..	246 19 11
Bellarine Shire ..	203 6 6	35 18 11	1,804 8 7	Lilydale Shire ..	4,245 13 10	51 17 7	3,155 7 4
Berwick Shire ..	2,000 3 7	59 10 1	2,655 9 4	Lowan Shire ..	1,236 0 11	26 1 9	683 6 8
Bet Bet Shire ..	473 15 0	14 13 8	626 12 1	Maffra Shire ..	323 14 11	8 2 0	2,867 13 7
Birchip Shire ..	1,388 11 1	33 9 3	518 19 2	Maldon Shire ..	437 2 4	14 17 2	301 5 8
Blackburn and Mit-	..	..	592 8 11	Mansfield Shire ..	1,242 13 9	35 11 2	1,278 13 5
cham	..	..	..	Marong Shire ..	385 7 6	12 0 11	413 10 1
Borong Shire ..	2,237 13 7	33 13 0	1,364 11 4	Maryborough	..	..	34 0 9
Braybrook Shire ..	..	..	891 8 2	Borough	..	..	230 4 0
Bright Shire ..	164 0 0	1 12 7	343 9 8	Melton Shire ..	..	0 0 11	458 7 0
Broadford Shire ..	..	..	86 11 11	Motcalfe Shire ..	2 6 11	0 0 11	..
Broadmeadows Shire	..	..	849 4 6	Mildura Shire ..	3,039 9 8	87 19 5	1,147 2 4
Bulla Shire ..	..	..	1,275 4 5	Mildura Town ..	218 10 3	8 3 11	243 0 6
Buln Buln Shire ..	482 0 10	8 0 10	2,626 19 2	Minhamite Shire ..	..	..	2,238 11 8
Bungaree Shire ..	..	..	552 14 9	Mirboo Shire ..	658 14 4	17 15 10	560 6 0
Buninyong Shire	..	..	529 8 0	Moorabbin Shire ..	..	..	879 14 11
Carrum Borough	9,189 16 7	82 0 3	223 18 5	Mordialloc City ..	..	..	243 6 8
Castlemaine	..	..	208 2 11	Mornington Shire	425 7 9	15 3 4	1,172 5 8
Borough	..	..	..	Mortlake Shire ..	..	..	3,325 16 6
Charlton Shire ..	1,475 6 11	28 7 11	715 4 6	Morwell Shire ..	922 5 9	23 10 0	534 19 6
Chiltern Shire ..	9 12 11	0 4 6	192 9 3	Mount Rouse Shire	..	..	2,061 10 2
Clunes Borough ..	..	..	116 13 4	Mulgrave Shire ..	274 14 9	10 3 4	899 16 2
Cohuna Shire ..	..	..	1 13 4	McIvor Shire ..	318 17 3	12 13 6	629 16 10
Colac Shire ..	1,105 13 5	14 11 10	2,482 3 10	Narracan Shire ..	5 12 1	0 0 3	780 1 3
Corio Shire ..	2,712 1 3	70 13 3	1,836 1 7	Newham and Wood-	228 4 4	6 14 8	256 4 5
Cranbourne Shire	1,706 12 5	27 4 8	3,145 7 0	end Shire	..	..	..
Creswick Borough	..	..	158 14 5	Newstead and Mt.	..	..	532 13 1
Creswick Shire ..	..	..	260 0 9	Alexander Shire ..	..	..	..
Dandenong Shire ..	10 2 10	0 3 0	1,052 5 4	Numurkah Shire ..	2,736 12 11	78 5 1	1,754 0 2
Daylesford Borough	..	..	107 18 2	Oakleigh Town ..	..	..	380 2 0
Deakin Shire ..	..	..	1,517 18 5	Omeo Shire ..	3,703 2 4	79 8 9	160 18 9
Dimboola Shire ..	3,634 15 0	79 16 4	754 7 5	Orbost Shire ..	1,726 6 1	20 1 5	824 14 0
Donald Shire ..	1,194 3 0	19 8 6	459 9 0	Otway Shire ..	37 1 3	0 2 9	499 19 11
Doncaster and Tem-	15 1 9	0 4 7	1,841 12 10	Oxley Shire ..	967 14 7	24 10 4	467 7 5
plestowe	..	..	..	Phillip Island and	424 2 1	11 18 6	942 1 4
Dundas Shire ..	207 5 6	1 18 3	3,479 7 1	Woolamai Shire	..	..	477 5 9
Dunmunkle Shire	2,950 11 7	38 16 11	1,936 15 8	Port Fairy Borough	..	..	1,074 6 11
Eaglehawk Borough	..	..	50 0 0	Portland Shire ..	2,116 15 10	51 5 8	128 0 10
East Loddon Shire	864 1 11	23 5 1	137 11 3	Preston City ..	..	..	141 1 2
Echuca Borough ..	1,465 10 9	31 10 8	19 19 6	Pyalong Shire ..	..	..	727 6 0
Eltham Shire ..	771 13 9	30 15 1	1,573 14 6	Queenscliff Borough	..	..	1,113 3 5
Euroa Shire ..	1,671 9 10	46 15 4	413 17 2	Ringwood Borough	595 1 8	2 11 10	837 11 0
Fernfree Gully Shire	1,309 1 9	37 3 5	3,051 13 6	Ripon Shire ..	9 9 9	0 2 11	..
Flinders Shire ..	2,935 13 9	76 19 6	2,625 0 5	Rochester Shire ..	3,280 14 1	69 13 10	141 2 10
Footscray City ..	..	..	93 7 0	Rodney Shire ..	3,752 16 5	75 19 0	1,605 8 3
Frankston and Has-	33 4 3	0 18 9	4,379 17 4	Romsey Shire ..	..	..	315 12 9
tings Shire	..	..	..	Rosedale Shire ..	1,157 1 5	26 9 2	434 0 2
Gisborne Shire ..	..	..	324 9 2	Rutherglen Shire..	..	..	839 7 3
Glenelg Shire ..	1,446 12 3	25 8 6	2,212 0 8	Sale Town ..	..	..	194 18 9
Glenlyon Shire ..	..	..	1,147 0 7	Seymour Shire ..	32 14 10	0 12 2	462 9 8
Goulburn Shire ..	822 16 9	23 1 11	615 14 8	Shepparton Borough	..	3 10 3*	384 2 5
Grenville Shire ..	189 7 10	0 8 0	911 7 10	Shepparton Shire..	5,354 12 4	142 7 1	942 0 5
Hamilton Borough	..	..	490 9 1	South Barwon Shire	203 6 5	35 18 11	2,010 4 2
Hampden Shire ..	4 3 3	0 0 11	3,950 13 8	South Gippsland	4,522 12 2	94 11 6	821 18 5
Healesville Shire ..	1,367 9 11	9 14 10	795 17 4	Shire	..	..	198 10 10
Heidelberg Shire ..	..	..	3,077 9 10	St. Arnaud Borough	..	..	228 17 7
Heytesbury Shire	583 5 6	10 13 5	967 8 1	Stawell Borough ..	..	..	..
Horsham Borough	243 8 3	10 0 10	1,117 19 11	Carried forward	116,074 18 5	2,473 5 0	136,398 16 1

* Liability paid in full.

STATEMENT OF APPORTIONMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE OF MAIN ROADS, ETC.—*continued.*

Name of Municipality.	Permanent Works.		Maintenance.	Name of Municipality.	Permanent Works.		Maintenance.
	Principal.	Interest.	Amount.		Principal.	Interest.	Amount.
	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Brought forward	116,074 18 5	2,473 5 0	136,398 16 1	Brought forward	139,352 14 6	2,982 6 8	148,143 3 11
Stawell Shire ..	4,809 2 1	77 2 3	1,542 5 3	Wannon Shire ..	186 0 11	6 19 0	1,399 10 2
Strathfieldsaye Shire ..	..	..	629 9 11	Waranga Shire ..	1,691 16 4	28 5 10	1,854 4 3
Swan Hill Shire ..	2,895 6 7	78 12 8	2,063 10 11	Warragul Shire ..	1,140 4 0	39 11 10	1,397 4 2
Talbot Shire ..	..	..	145 0 3	Warrnambool Shire ..	..	..	5,337 8 2
Tambo Shire ..	410 11 2	12 12 9	1,031 19 7	Werribee Shire ..	34 1 6	1 3 0	131 6 1
Toowong Shire ..	1,195 3 10	25 10 11	371 8 11	Whittlesea Shire ..	1,088 15 0	16 17 3	1,227 4 9
Traralgon Shire ..	1,855 17 6	56 4 4	770 9 10	Wimmera Shire ..	609 15 6	5 3 10	755 6 6
Tullaroop Shire ..	48 11 4	0 8 1	492 18 8	Winchelsea Shire ..	404 12 8	2 12 9	282 12 8
Tungamah Shire ..	6,346 18 1	138 3 0	598 7 7	Wodonga Shire ..	1,354 4 11	42 14 7	849 0 1
Upper Murray Shire ..	..	..	589 10 8	Wonthaggi Borough ..	..	..	434 18 1
Upper Yarra Shire ..	81 6 3	2 13 5	1,809 0 2	Woorayl Shire ..	2,030 11 9	49 2 7	2,069 7 9
Violet Town Shire ..	1,968 12 5	44 12 9	266 19 10	Wycheproof Shire ..	44 19 2	1 9 3	505 11 9
Walpeup Shire ..	1,086 10 10	13 6 10	410 16 8	Yackandandah Shire ..	1,780 19 10	40 12 4	662 15 4
Wangaratta Borough ..	1,582 10 1	39 12 11	779 2 8	Yarrawonga Shire ..	2,617 17 3	62 3 6	554 3 4
Wangaratta Shire ..	997 5 11	20 1 9	243 6 11	Yea Shire ..	1,092 1 7	10 11 6	845 5 5
Carried forward	139,352 14 6	2,982 6 8	148,143 3 11	Total ..	153,428 14 11	3,289 13 11	166,449 2 5

* Liability liquidated.

APPENDIX D.

COUNTRY ROADS BOARD.

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE OF MAIN ROADS FOR THE YEAR ENDING 30th JUNE, 1929.

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
ALBERTON SHIRE—				
Balook-Traralgon Road	80 11 6		100 3 9	
Boolarra-Welshpool Road	2 14 0		244 1 1	
Boolarra-Yarram Road	164 16 0		..	
Carrajung-Gormandale Road	1,875 1 1		2,147 4 4	
Foster-Yarram Road	2,249 6 0		181 12 6	
Sale-Yarram Road	1,653 16 8		1,586 19 11	
Yarram-Boolarra Road .. .. .	..		535 15 9	
Yarram-Port Albert Road .. .. .	..		2,236 2 5	
Yarram-Won Wron Road .. .. .	..		159 12 1	
		6,026 5 3		7,191 11 10
ALBERTON AND MORWELL SHIRES (Joint Works)—				
Boolarra-Welshpool Road .. .. .	..		37 18 2	
				37 18 2
ALBERTON, MORWELL AND SOUTH GIPPSLAND SHIRES (Joint Works)—				
Gunyah-Ryton Road .. .. .	..		60 7 3	
				60 7 3
ALBERTON AND ROSEDALE SHIRES (Joint Works)—				
Carrajung-Gormandale Road	2 17 5		36 2 2	
Sale-Yarram Road .. .. .	..		23 7 6	
		2 17 5		59 9 8
ALEXANDRA SHIRE—				
Cathkin-Mansfield Road	29 18 7		688 3 11	
Healesville-Alexandra Road	516 4 6		2,186 3 7	
Upper Goulburn Road	181 16 4		1,286 3 4	
Yarek Road .. .. .	..		87 9 2	
		727 19 5		4,248 0 0
ALEXANDRA AND YEA SHIRES (Joint Works)—				
Upper Goulburn-Home Creek Bridge Road	243 13 2		..	
		243 13 2		
ARAPILES SHIRE—				
Horsham-Hamilton Road	961 5 6		633 12 10	
Horsham-Natimuk-Edenhope Road .. .. .	..		106 4 7	
		961 5 6		739 17 5
ARAPILES AND WIMMERA SHIRES (Joint Works)—				
Horsham-Natimuk Road .. .. .	..		7 10 3	
Horsham-Hamilton Road .. .. .	..		259 2 0	
				266 12 3
ARAPILES, DUNDAS, KOWREE AND WIMMERA SHIRES (Joint Works)—				
Horsham-Hamilton Road	55 19 8		1 13 10	
		55 19 8		1 13 10
ARARAT SHIRE—				
Ballarat-Hamilton Road	1,153 4 6		2,921 12 6	
Ararat-Warnambool Road .. .. .	..		2,767 4 9	
Ararat-Elmhurst Road .. .. .	..		1,068 19 0	
Maroona-Glenthompson Road .. .. .	..		1,677 12 1	
		1,153 4 6		8,435 8 4
ARARAT BOROUGH—				
Ballarat-Stawell Road .. .. .	..		846 9 2	
				846 9 2
AVOCA SHIRE—				
Ararat Road .. .. .	..		220 2 8	
Ballarat-St. Arnaud Road .. .. .	..		1,679 15 10	
Bealiba Road .. .. .	..		110 5 11	
Maryborough Road	399 8 0		1,154 11 3	
		399 8 0		3,164 15 8
AVON SHIRE—				
Dargo Road .. .. .	..		838 10 5	
Maffra-Sale Road .. .. .	..		37 1 1	
Prince's Highway .. .. .	..		239 2 5	
				1,114 13 11
BACCHUS MARSH SHIRE—				
Ballarat Road .. .. .	..		1,332 13 5	
Geelong-Bacchus Marsh Road .. .. .	..		350 14 5	
Gisborne Road .. .. .	..		1,409 0 10	
				3,092 8 8
Carried forward		9,570 12 11		29,259 6 2

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	9,570 12 11	..	29,259 6 2
BAIRNSDALE SHIRE—				
Bulumwaal-Taberabbera Road	514 10 0		999 0 8	
Prince's Highway East .. .. .	..		1,036 0 4	
		514 10 0		2,035 1 0
BALLAN SHIRE—				
Ballarat Road .. .. .	..		754 18 7	
Daylesford Road	94 15 6		2,487 16 0	
Gordon-Meredith Road .. .. .	..		371 16 10	
Mount Wallace Road .. .. .	..		876 6 3	
		94 15 6		4,490 17 8
BALLARAT SHIRE—				
Ballarat-Lexton Road .. .. .	..		4,336 2 1	
Ballarat-Creswick Road .. .. .	..		10 13 11	
Maryborough-Ballararat Road .. .. .	..		2,290 19 2	
				6,637 15 2
BALLARAT AND BUNGAREE SHIRES AND BALLARAT CITY (Joint Works)—				
Ballarat-Creswick Road	1,482 19 0		..	
		1,482 19 0		
BALLARAT CITY AND BUNGAREE AND BALLARAT SHIRES (Joint Works)—				
Ballarat-Creswick Road	741 9 5		..	
		741 9 5		
BANNOCKBURN SHIRE—				
Geelong-Ballararat Road .. .. .	..		1,445 13 3	
Gordon-Meredith Road .. .. .	..		87 13 4	
Inverleigh Road .. .. .	..		926 8 3	
Shelford-Bannockburn Road .. .. .	..		378 2 10	
				2,837 17 8
BARRABOOL SHIRE—				
Anglesea Road .. .. .	..		2,492 7 10	
Hendy Main Road .. .. .	..		417 8 3	
				2,909 16 1
BASS SHIRE—				
Almurta Road .. .. .	..		98 16 5	
Daylston-Wonthaggi Road .. .. .	..		454 5 1	
Inverloch-Wonthaggi Road .. .. .	..		1,027 13 4	
Korumburra-Wonthaggi Road	6 8 8		234 3 10	
Main Coast Road	2,398 0 6		616 3 2	
Wonthaggi-Loch Road	2,077 19 9		426 4 10	
		4,482 8 11		2,857 6 8
BASS SHIRE AND WONTHAGGI BOROUGH (Joint Works)—				
Wonthaggi-Loch Road .. .. .	..		274 18 1	
				274 18 1
BEECHWORTH SHIRE—				
Beechworth Road .. .. .	..		881 5 1	
Bright Road .. .. .	..		89 8 5	
Everton-Myrtleford Road	438 15 11		631 9 11	
Stanley Road	28 7 2		36 7 8	
		467 3 1		1,638 11 1
BEECHWORTH AND BRIGHT SHIRES (Joint Works)—				
Bright Road .. .. .	..		15 8 3	
				15 8 3
BEECHWORTH AND WANGARATTA SHIRES (Joint Works)—				
Beechworth Road .. .. .	..		4 4 3	
				4 4 3
BELFAST SHIRE—				
Hamilton Road .. .. .	..		3,799 16 10	
Penshurst Road .. .. .	..		3,898 11 4	
				7,698 8 2
BELLARINE SHIRE—				
Geelong-Queenscliff Road .. .. .	..		823 6 1	
Geelong-Portarlington Road .. .. .	..		1,494 10 10	
Geelong-Queenscliff Road .. .. .	..		5,468 19 6	
				7,786 16 5
BELLARINE AND SOUTH BARWON SHIRES (Joint Works)—				
Barwon Heads Bridge Road	28 8 6		..	
		28 8 6		
BENALLA SHIRE—				
Benalla-Mansfield Road	2,022 15 3		1,140 7 1	
Goorambat Road .. .. .	..		527 7 2	
Goorambat-Thoona Road .. .. .	..		269 6 4	
Greta Road .. .. .	..		245 16 7	
Lima Road .. .. .	..		2 16 0	
Sydney Road .. .. .	..		758 10 7	
Tatong-Toombullup Road .. .. .	..		48 9 1	
		2,022 15 3		2,992 12 10
BERWICK SHIRE—				
Gembrook Road .. .. .	..		542 15 0	
Gembrook-Beenak Road .. .. .	..		0 19 9	
Hallam-Emerald Road .. .. .	..		175 4 4	
Nar-nar-goan-Longwarry Road .. .. .	..		817 5 1	
Prince's Highway .. .. .	..		434 0 4	
Woori Yallock-Pakenham-Koo-wee-rup Road	1,763 11 6		3,115 0 3	
		1,763 11 6		5,085 4 9
Carried forward .. .. .	..	21,168 14 1	..	76,524 4 3

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	21,168 14 1	..	76,524 4 3
BET BET SHIRE—				
Avoca-Bealiba Road	59 5 9		215 16 6	
Betley Road .. .. .	..		79 4 2	
Dunolly Road .. .. .	..		218 12 6	
		59 5 9		513 13 2
BIRCHIP SHIRE—				
Beulah-Birchip-Wycheproof Road .. .. .	..		17 7 6	
Donald-Birchip-Sea Lake Road	2,249 17 6		598 17 3	
		2,249 17 6		616 4 9
BLACBKURN AND MITCHAM SHIRE—				
Main Healesville Road .. .. .	..		1,550 15 11	
				1,550 15 11
BORUNG SHIRE—				
Birchip Road	88 8 2		363 16 3	
Dimboola Road	48 6 11		609 9 4	
Hopetoun Road	14 4 10		500 2 3	
Minyip Road	4 8 4		422 2 1	
Rainbow Road	362 3 7		440 4 6	
		517 11 10		2,335 14 5
BORUNG AND DUNMUNKLE SHIRES (Joint Works)—				
Minyip Road .. .. .	..		5 0 0	
				5 0 0
BRAYBROOK SHIRE—				
Ballarat Road .. .. .	..		450 18 7	
Prince's Highway .. .. .	..		725 12 2	
				1,176 10 9
BRIGHT SHIRE—				
Bright Road .. .. .	..		1,387 17 5	
Harrietteville Road	9 14 10		664 10 0	
Mt. Buffalo Road (Anderson's Job) .. .. .	..		Bd. 6,284 1 1	
Mt. Buffalo Road .. .. .	..		Bd. 1,957 4 8	
		9 14 10		10,293 13 2
BRIGHT AND BEECHWORTH SHIRES (Joint Works)—				
Bright Road .. .. .	..		15 8 2	
				15 8 2
BRIGHT AND OMEO SHIRES (Joint Works)—				
Bright-Omeo Road .. .. .	..		100 0 0	
" " " .. .. .	..		Bd. 900 0 0	
				1,000 0 0
BROADMEADOWS SHIRE—				
Sydney Road .. .. .	..		186 1 8	
				186 1 8
BROADMEADOWS AND KEILOR SHIRES (Joint Works)—				
Lancefield Road .. .. .	..		1,815 9 11	
				1,815 9 11
BROADFORD SHIRE—				
Sydney Road .. .. .	..		26 1 7	
				26 1 7
BROADFORD AND SEYMOUR SHIRES (Joint Works)—				
Upper Goulburn Road .. .. .	..		0 5 4	
				0 5 4
BROADFORD AND YEA SHIRES (Joint Works)—				
Upper Goulburn Road .. .. .	..		8 1 2	
				8 1 2
BULLA SHIRE—				
Melbourne-Lancefield Road .. .. .	..		3,531 13 5	
Sunbury Road .. .. .	..		502 8 11	
				4,034 2 4
BULLA AND KEILOR SHIRES (Joint Works)—				
Melbourne-Lancefield Road .. .. .	..		4 3 1	
				4 3 1
BULN BULN SHIRE—				
Bloomfield Road .. .. .	..		0 5 11	
Fumina Road .. .. .	..		198 7 9	
Loch Valley Road .. .. .	..		157 0 4	
Longwarry-Drouin Road .. .. .	..		514 8 10	
Main Neerim "A" Road .. .. .	..		312 2 7	
Main Neerim "B" Road .. .. .	..		2,377 12 4	
Main Neerim "C" Road	4,040 6 1		112 9 10	
Main South Road .. .. .	..		2,089 1 3	
Neerim East Road .. .. .	..		61 9 0	
Prince's Highway .. .. .	..		203 12 9	
Westernport Main Road	330 10 9		..	
Westernport Road .. .. .	..		226 4 10	
		4,370 16 10		6,252 15 5
BUNGAREE SHIRE—				
Daylesford-Ballarat Road .. .. .	..		970 4 11	
Ballarat-Creswick Road .. .. .	..		47 15 5	
				1,018 0 4
BUNGAREE AND BALLARAT SHIRES AND BALLARAT CITY (Joint Works)—				
Ballarat-Creswick Road	1,482 19 0		..	
		1,482 19 0		
Carried forward .. .. .	..	29,858 19 10	..	107,376 5 5

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	29,858 19 10	..	107,376 5 5
BUNINYONG SHIRE—				
Ballarat-Rokewood Road .. .. .	..	..	266 3 0	..
Elaine-Mt. Mercer Road .. .. .	..	..	35 14 6	..
Geelong-Ballararat Road .. .. .	..	..	2,185 16 7	2,487 14 1
CHELSEA CITY—				
Point Nepean Road	46 18 1	46 18 1	799 17 11	799 17 11
CASTLEMAINE BOROUGH—				
Melbourne-Bendigo Road .. .. .	..	..	968 4 6	968 4 6
CHARLTON SHIRE—				
Bendigo Road .. .. .	..	..	384 18 2	..
Donald Road	1,133 19 11	..	1,011 0 10	..
St. Arnaud Road	1,582 9 10	..	323 8 11	..
Wycheproof Road .. .. .	..	..	4 6 7	1,723 14 6
CHILTERN SHIRE—				
Chiltern-Howlong Road .. .. .	..	..	179 7 1	..
Rutherglen-Wodonga Road .. .. .	..	..	366 17 8	..
Sydney Road .. .. .	..	..	128 11 2	674 15 11
CLUNES BOROUGH—				
Maryborough-Ballararat Road .. .. .	..	..	129 17 2	129 17 2
COHUNA SHIRE—				
Murray River Valley Road .. .. .	..	..	933 15 4	933 15 4
COLAC SHIRE—				
Colac-Ballararat Road .. .. .	..	..	1,819 11 7	..
Colac-Beech Forest Road	3,013 14 6	..	313 13 11	..
Cressy-Inverleigh Road .. .. .	..	..	197 14 0	..
Prince's Highway .. .. .	..	..	1,151 19 5	3,482 18 11
COLAC AND LEIGH SHIRES (Joint Works)—				
Cressy-Lismore Road .. .. .	..	..	21 0 5	..
Cressy-Rokewood Road .. .. .	..	..	18 7 2	39 7 7
COLAC, HAMPDEN, AND LEIGH SHIRES (Joint Works)—				
Cressy-Lismore Road .. .. .	..	..	18 10 0	18 10 0
CORIO SHIRE—				
Ballarat Road .. .. .	..	..	798 18 5	..
Geelong-Bacchus Marsh Road .. .. .	..	..	1,444 18 10	..
Prince's Highway .. .. .	..	..	92 1 4	2,335 18 7
CRANBOURNE SHIRE—				
Koo-wee-rup-Pakenham Road .. .. .	..	..	581 3 6	..
Lang Lang-Nyora Road .. .. .	..	..	84 6 10	..
Main Coast Road	1,367 3 3	..	3,216 5 3	..
Main Coast-Lang Lang Bridge Road	350 1 7	..	..	..
Main Coast-Cardinia Creek Bridge Road	0 11 10	..	..	..
Westernport Road .. .. .	..	..	239 14 5	4,121 10 0
CRANBOURNE AND DANDENONG SHIRES (Joint Works)—				
Dandenong-Frankston Road	3 0 0	..	352 7 10	..
Frankston-Dandenong Road .. .. .	..	..	..	352 7 10
CRANBOURNE AND FRANKSTON AND HASTINGS SHIRES (Joint Works)				
Frankston-Dandenong Road .. .. .	..	..	0 7 1	0 7 1
CRESWICK SHIRE—				
Castlemaine-Ballararat Road .. .. .	..	..	526 3 6	..
Daylesford-Ballararat Road .. .. .	..	..	358 16 0	884 19 6
CRESWICK BOROUGH—				
Castlemaine-Ballararat Road .. .. .	..	..	190 10 5	190 10 5
DANDENONG SHIRE—				
Cheltenham Road .. .. .	..	..	562 9 7	..
Prince's Highway .. .. .	..	..	1,086 15 4	1,649 4 11
DANDENONG AND CRANBOURNE SHIRES (Joint Works)—				
Dandenong-Frankston Road	3 0 0	..	..	..
Frankston-Dandenong Road .. .. .	..	..	352 7 11	352 7 11
DAYLESFORD BOROUGH—				
Ballan Road .. .. .	..	..	185 11 4	..
Ballarat Road .. .. .	..	..	103 14 4	..
Hepburn-Daylesford Road .. .. .	..	..	81 4 6	..
Malmsbury-Daylesford Road .. .. .	..	..	75 2 7	445 12 9
Carried forward .. .. .	..	37,359 18 10	..	128,968 0 4

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	37,359 18 10	..	128,968 0 4
DEAKIN SHIRE—				
Echuca-Cornella Road .. .. .	..		119 5 9	
Echuca-Picola Road .. .. .	..		193 2 9	
Kyabram-Nathalia Road .. .. .	..		116 15 10	
Kyabram-Tongala Road .. .. .	..		44 15 2	
Rochester-Kyabram Road .. .. .	..		596 13 4	
				1,070 12 10
DEAKIN AND NUMURKAH SHIRES (Joint Works)—				
Echuca-Picola Road .. .. .	..		42 8 7	
Kyabram-Nathalia Road .. .. .	..		{ 38 3 10	
			{ 20 16 2	101 8 7
DEAKIN AND RODNEY SHIRES (Joint Works)—				
Kyabram-Tongala Road .. .. .	..		2 2 10	
Rochester-Kyabram Road .. .. .	..		0 15 11	
				2 18 9
DIMBOOLA SHIRE—				
Rainbow Road	1,113 2 3		1,096 3 10	
Rainbow Rises Road	5 2 7		118 16 3	
Warracknabeal Road .. .. .	..		116 14 2	
		1,118 4 10		1,331 14 3
DIMBOOLA AND KARKAROOC SHIRES (Joint Works)—				
Hopetoun-Rainbow Road	0 0 10		13 18 5	
		0 0 10		13 18 5
DONALD SHIRE—				
Donald-Charlton Road	111 17 6		418 17 5	
Donald-Minyip .. .. .	..		124 0 7	
St. Arnaud-Birchip Road	1,658 8 1		1,840 4 2	
		1,770 5 7		2,383 2 2
DONCASTER AND TEMPLESTOWE SHIRE—				
Doncaster Road .. .. .	..		1,681 3 8	
Heidelberg-Warrandyte Road .. .. .	..		1,943 5 8	
Warrandyte-Ringwood Road	41 13 4		639 14 7	
		41 13 4		4,264 3 11
DONCASTER AND TEMPLESTOWE SHIRE AND RINGWOOD BOROUGH (Joint Works)—				
Ringwood-Warrandyte Road	5 17 7		..	
		5 17 7		
DONCASTER AND TEMPLESTOWE AND HEIDELBERG SHIRES (Joint Works)—				
Heidelberg-Warrandyte Road .. .. .	..		20 0 8	
				20 0 8
DONCASTER AND TEMPLESTOWE SHIRE AND RINGWOOD BOROUGH (Joint Works)—				
Warrandyte Road .. .. .	..		195 14 4	
				195 14 4
DUNDAS SHIRE—				
Hamilton-Dunkeld Road	255 0 0		1,422 15 10	
Hamilton-Horsham Road	204 15 0		2,134 4 5	
Hamilton-Mt. Gambier Road .. .. .	..		2,025 15 11	
Hamilton-Port Fairy Road .. .. .	..		2,746 13 9	
Hamilton-Portland Road .. .. .	..		689 13 5	
Hamilton-Warrnambool Road .. .. .	..		1,636 3 2	
		459 15 0		10,655 6 6
DUNDAS, ARAFILES, KOWREE, AND WIMMERA SHIRES (Joint Works)—				
Horsham-Hamilton Road	55 19 8		1 13 10	
		55 19 8		1 13 10
DUNDAS SHIRE AND HAMILTON BOROUGH (Joint Works)—				
Hamilton-Warrnambool Road .. .. .	..		24 1 10	
				24 1 10
DUNDAS AND PORTLAND SHIRES (Joint Works)—				
Portland-Hamilton Road .. .. .	..		9 17 6	
				9 17 6
DUNMUNKLE SHIRE—				
Minyip-Donald Road .. .. .	..		635 1 1	
Rupanyup-Murtoa Road .. .. .	..		2,225 2 2	
Stawell-Warracknabeal Road	5,339 4 1		2,089 7 11	
		5,339 4 1		4,949 11 2
DUNMUNKLE AND BORUNG SHIRES (Joint Works)—				
Minyip Road .. .. .	..		5 0 0	
				5 0 0
EAGLEHAWK BOROUGH—				
Mt. Korong Road .. .. .	..		324 0 10	
				324 0 10
EAST LODDON SHIRE—				
Dingee Road .. .. .	..		5 11 0	
Dingee Main Road	473 8 10		..	
Mitiamo Main Road	45 1 10		..	
Prairie Road	39 0 9		281 19 1	
		557 11 5		287 10 1
Carried forward .. .. .	..	46,708 11 2	..	154,608 16 0

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	46,708 11 2	..	154,608 16 0
EAST LODDON AND KORONG SHIRES (Joint Works)—				
Borong Road .. .. .	..	..	234 5 5	..
Serpentine Road .. .. .	..	..	291 19 9	526 5 2
ECHUCA BOROUGH—				
Echuca-Cornella Road	91 11 6	..	41 7 3	..
Echuca West-Crossvale Bridge Road	7 11 5	..	..	..
Echuca West Road .. .. .	..	..	59 0 0	..
Echuca-Wyuna Road	1,089 19 4	1,189 2 3	22 2 1	122 9 4
ELTHAM SHIRE—				
Eltham-Yarra Glen Road .. .. .	..	..	6,721 2 8	..
Hurstbridge-Kinglake Road	1,700 13 5	1,700 13 5	1,250 6 10	7,971 9 6
EUROA SHIRE—				
Avenel-Longwood Road .. .. .	..	..	5 12 3	..
Arcadia Road .. .. .	..	..	1 13 4	..
Euroa-Arcadia Road	280 6 8	..	127 9 6	..
Euroa-Mansfield Road .. .. .	..	..	181 0 0	..
Euroa-Strathbogie Road	26 2 10	..	444 2 6	..
Murchison-Shepparton Road	1,780 10 10	..	35 9 2	..
Sydney Road .. .. .	..	..	97 9 0	892 15 9
FERNTREE GULLY SHIRE—				
Belgrave-Emerald Road .. .. .	..	..	789 2 5	..
Emerald Road .. .. .	..	..	155 5 9	..
Main Ferntree Gully Road	78 10 0	..	2,657 6 1	..
Monbulk Road .. .. .	..	..	1,532 15 11	..
Olinda Road .. .. .	..	..	951 1 7	6,085 11 9
FERNTREE GULLY AND LILYDALE SHIRES (Joint Works)—				
Olinda and Mt. Dandenong Road	64 9 0	64 9 0	..	..
FLINDERS SHIRE—				
Dromana Road .. .. .	..	..	1,294 7 2	..
Dromana-Sorrento Road	5,207 5 8	..	3,951 16 0	..
Mornington-Flinders Road	1 7 6	..	1,247 2 9	..
Hastings-Flinders Road .. .. .	..	..	2,317 0 4	..
Stony Point Road	1,200 0 0	6,408 13 2	592 8 4	9,402 14 7
FLINDERS AND FRANKSTON AND HASTINGS SHIRES (Joint Works)—				
Hastings-Flinders Road .. .. .	..	..	0 8 6	0 8 6
FOOTSCRAY CITY—				
Prince's Highway .. .. .	..	..	640 15 8	640 15 8
FRANKSTON AND HASTINGS SHIRE—				
Frankston-Dandenong Road .. .. .	..	..	218 16 9	..
Frankston-Flinders Road .. .. .	..	..	10,844 1 5	..
Pt. Nepean Road .. .. .	..	..	4,672 13 7	15,735 11 9
FRANKSTON AND HASTINGS AND CRANBOURNE SHIRES (Joint Works)—				
Frankston-Dandenong Road .. .. .	..	..	0 7 1	0 7 1
FRANKSTON AND HASTINGS AND FLINDERS SHIRES (Joint Works)—				
Hastings-Flinders Road .. .. .	..	..	0 8 6	0 8 6
GEE LONG CITY—				
Barwon Bridge Road .. .. .	..	..	48 0 0	48 0 0
GISBORNE SHIRE—				
Bacchus Marsh Road .. .. .	..	..	435 12 5	..
Gisborne Station Road .. .. .	..	..	238 11 6	..
Melbourne Bendigo Road .. .. .	..	..	117 4 10	791 8 9
GLENELG SHIRE—				
Casterton-Mt. Gambier Road	705 2 10	..	..	..
Coleraine-Casterton Road .. .. .	..	..	713 3 10	..
Dergholm Road .. .. .	..	..	568 8 6	..
Mt. Gambier Road	1,479 2 6	..	1,105 17 2	..
Portland-Casterton Road	31 10 0	..	1,092 19 0	..
Wando Vale Road	761 10 0	2,977 5 4	515 18 8	3,996 7 2
GLENELG AND PORTLAND SHIRES (Joint Works)—				
Portland-Casterton Road .. .. .	..	..	81 18 5	81 18 5
GLENELG AND WANNON SHIRES (Joint Works)—				
Hamilton-Coleraine-Casterton Road .. .. .	..	..	73 4 1	73 4 1
Carried forward .. .. .	..	61,214 4 8	..	200,978 12 0

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	61,214 4 8	..	200,978 12 0
GLENLYON SHIRE—				
Ballan Road	211 4 4		377 6 7	
Ballarat Road .. .. .	..		284 14 11	
Castlemaine-Daylesford Road .. .. .	..		592 18 2	
Daylesford-Hepburn Road .. .. .	..		509 2 7	
Malmsbury-Daylesford Road	403 0 0		1,172 10 7	
		614 4 4		2,936 12 10
GOULBURN SHIRE—				
Avenel-Longwood Road .. .. .	..		124 11 0	
Goulburn Valley Road	1,773 12 9		361 13 2	
Murchison-Shepparton Road	1,203 19 6		125 13 0	
Vickers Road .. .. .	..		0 9 0	
		2,977 12 3		612 6 2
GOULBURN AND SEYMOUR SHIRES (Joint Works)—				
Goulburn Valley Road .. .. .	..		148 5 0	
				148 5 0
GOULBURN AND WARANGA SHIRES (Joint Works)—				
Murchison-Rushworth Road .. .. .	..		20 8 6	
				20 8 6
GRENVILLE SHIRE—				
Ballarat-Hamilton Road	2,286 11 7		1,705 13 4	
Cressy Road .. .. .	..		715 6 5	
Lismore Road .. .. .	..		297 14 5	
Pitfield Road .. .. .	..		516 18 1	
		2,286 11 7		3,235 12 3
HAMILTON BOROUGH—				
Ararat Road .. .. .	..		564 8 9	
Coleraine Road .. .. .	..		750 12 4	
Port Fairy Road .. .. .	..		38 19 2	
Portland Road .. .. .	..		3 14 5	
				1,397 14 8
HAMILTON BOROUGH AND DUNDAS SHIRE (Joint Works)—				
Hamilton-Warrnambool Road .. .. .	..		24 1 11	
				24 1 11
HAMPDEN SHIRE—				
Camperdown-Ballarat Road .. .. .	..		4,604 14 11	
Caramut-Lismore Road .. .. .	..		1,517 3 8	
Lismore-Cressy Road .. .. .	..		1,023 3 9	
Prince's Highway .. .. .	..		1,395 9 8	
Terang-Mortlake Road .. .. .	..		1,999 9 3	
				10,540 1 3
HAMPDEN AND RIPON SHIRES (Joint Works)—				
Ballarat-Hamilton Road .. .. .	..		2 0 4	
				2 0 4
HAMPDEN, LEIGH, AND COLAC SHIRES (Joint Works)—				
Cressy-Lismore Road .. .. .	..		18 10 0	
				18 10 0
HEALESVILLE SHIRE—				
Healesville-Alexandra Road	1,321 4 1		2,111 6 9	
Healesville-Woori Yallock Road	730 15 0		188 15 1	
Marysville Road	545 8 3		316 16 8	
		2,597 7 4		2,616 18 6
HEIDELBERG SHIRE—				
Greensborough-Hurstbridge Road .. .. .	..		3,492 1 6	
Heidelberg-Warrandyte Road .. .. .	..		37 13 3	
Main Heidelberg-Eltham Road .. .. .	..		3,451 18 7	
Main Whittlesea Road .. .. .	..		267 17 0	
				7,249 10 4
HEIDELBERG AND DONCASTER AND TEMPLESTOWE SHIRES (Joint Works)—				
Heidelberg-Warrandyte Road .. .. .	..		20 0 9	
				20 0 9
HEYTESBURY SHIRE—				
Camperdown-Cobden Road .. .. .	..		297 19 6	
Cobden-Port Campbell-Princetown Road	177 12 4		1,520 8 2	
Timboon-Port Campbell	1,828 11 1		0 5 10	
		2,006 3 5		1,818 13 6
HORSHAM BOROUGH—				
Dooen Road .. .. .	..		474 10 4	
Western Highway .. .. .	..		174 6 6	
Dimboola-Horsham Road .. .. .	..		854 2 2	
Hamilton Road .. .. .	..		1,098 6 10	
Natimuk Road .. .. .	..		140 1 9	
				2,741 7 7
HUNTLY SHIRE—				
Bendigo-Echuca Road .. .. .	..		1,689 8 1	
				1,689 8 1
HUNTLY AND WARANGA SHIRES (Joint Works)—				
Heathcote-Elmore Road .. .. .	..		24 10 8	
				24 10 8
INGLEWOOD BOROUGH—				
Bendigo-Charlton Road	51 12 6		126 17 9	
		51 12 6		126 17 9
Carried forward .. .. .	..	71,747 16 1	..	236,201 12 1

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—continued.

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	71,747 16 1	..	236,201 12 1
KARA KARA SHIRE—				
Avoca—St. Arnaud Road	1,779 6 5		906 12 3	
Charlton Road	87 18 0		824 0 1	
Navarre Road	1,012 5 8		1,916 13 4	
St. Arnaud—Donald Road	1,331 4 3		1,977 7 5	
		4,210 14 4		5,624 13 1
KARKAROOC SHIRE—				
Hopetoun—Rainbow Road	974 0 2		750 5 5	
Hopetoun—Warracknabeal Road	72 10 4		628 16 2	
Hopetoun—Woomelang Sea Lake Road	213 0 0		983 16 7	
Rainbow—Beulah—Birchip Road	1,028 9 1		1,866 12 4	
		2,287 19 7		4,229 10 6
KARKAROOC AND DIMBOOLA SHIRES (Joint Works)—				
Hopetoun—Rainbow Road	0 0 10		13 13 5	
		0 0 10		13 13 5
KEILOR SHIRE—				
Melbourne—Bendigo Road .. .. .	..		423 15 6	
				423 15 6
KEILOR AND BROADMEADOWS SHIRES (Joint Works)—				
Lancefield Road .. .. .	..		1,815 9 10	
				1,815 9 10
KEILOR AND BULLA SHIRES (Joint Works)—				
Melbourne—Lancefield Road .. .. .	..		4 3 1	
				4 3 1
KERANG SHIRE—				
Koondrook Road .. .. .	..		428 13 2	
				428 13 2
KILMORE SHIRE—				
Lancefield—Kilmore Road .. .. .	..		56 0 1	
Heathcote Road .. .. .	..		833 4 1	
				889 4 2
KILMORE AND ROMSEY SHIRES (Joint Works)—				
Lancefield—Kilmore Road .. .. .	..		85 16 9	
Kilmore—Lancefield Road .. .. .	..		0 5 2	
				86 1 11
KILMORE AND PYALONG SHIRES (Joint Works)—				
Heathcote Road .. .. .	..		71 15 3	
				71 15 3
KOROIT BOROUGH—				
Koroit—Warrnambool Road .. .. .	..		1,268 13 0	
				1,268 13 0
KORONG SHIRE—				
Charlton—Bendigo Road .. .. .	..		269 12 3	
				269 12 3
KORONG AND EAST LODDON SHIRES (Joint Works)—				
Borong—Hurstwood Road .. .. .	..		468 10 11	
Serpentine Road .. .. .	..		583 19 5	
				1,052 10 4
KORUMBURRA SHIRE—				
Bena—Poowong Road .. .. .	..		644 19 9	
Korumburra—Drouin Road	648 17 6		691 1 9	
Korumburra—Leongatha Road .. .. .	..		1,693 17 11	
Korumburra—Warragul Road	1,358 11 1		3,493 0 3	
Korumburra—Wonthaggi Road .. .. .	..		2,400 10 6	
Lang Lang—Nyora Road .. .. .	..		291 15 11	
Loch—Wonthaggi Road .. .. .	..		301 11 11	
Nyora—Poowong Road .. .. .	..		1,837 8 11	
Poowong—Ranceby Road .. .. .	..		460 12 7	
		2,007 8 7		11,814 19 6
KORUMBURRA AND WARRAGUL SHIRES (Joint Works)—				
Warragul—Korumburra Road .. .. .	..		42 12 7	
				42 12 7
KOWREE SHIRE—				
Booroopki Road	665 0 0		252 11 5	
Booroopki—Frances Road	225 14 5		297 4 4	
Edenhope—Goroike Road	5 5 0		794 8 5	
Hamilton—Edenhope—Apsley Road .. .. .	..		1,274 14 9	
		895 19 5		2,618 18 11
KOWREE, DUNDAS, WIMMERA, AND ARAPILES SHIRES (Joint Works)—				
Horsham—Hamilton Road	83 19 4		2 10 9	
		83 19 4		2 10 9
KYNETON SHIRE—				
Daylesford Road .. .. .	..		4 1 5	
Melbourne—Bendigo Road .. .. .	..		12 19 1	
Redesdale Road .. .. .	..		152 11 9	
Trentham Road .. .. .	..		433 13 5	
Tylden—Woodend Road .. .. .	..		54 3 0	
				657 8 8
KYNETON AND NEWHAM AND WOODEND SHIRES (Joint Works)—				
Tylden Road	15 14 6		10 16 0	
		15 14 6		10 16 0
Carried forward .. .. .	..	81,249 12 8	..	267,526 19 0

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	81,249 12 8	..	267,526 19 0
LAWLOTT SHIRE—				
Broughton Road	1,461 0 0		659 1 0	
Main Yearinga Road	315 2 5		..	
Nhill-Kaniva-Border Road .. .. .	..		152 12 7	
South Lillimur Road .. .. .	..		627 19 9	
Yearinga Road .. .. .	..		760 6 2	
		1,776 2 5		2,199 19 6
LEIGH SHIRE—				
Ballarat-Rokewood Road .. .. .	..		405 10 10	
Cressy-Inverleigh Road .. .. .	..		640 19 7	
Cressy-Rokewood Road .. .. .	..		123 3 3	
Inverleigh-Shelford .. .. .	..		37 1 2	
Rokewood-Shelford Road .. .. .	..		277 2 3	
Shelford-Bannockburn Road .. .. .	..		185 5 3	
Werneth Road .. .. .	..		39 19 10	
				1,709 2 2
LEIGH, COLAC, AND HAMPDEN SHIRES (Joint Works)—				
Cressy-Lismore Road .. .. .	..		18 9 11	
				18 9 11
LEIGH AND COLAC SHIRES (Joint Works)—				
Cressy-Lismore Road .. .. .	..		21 0 5	
Cressy-Rokewood Road .. .. .	..		18 7 2	
				39 7 7
LEXTON SHIRE—				
Avoca-Ballarat Road .. .. .	..		884 14 7	
Avoca-Ararat Road .. .. .	..		278 13 1	
				1,163 7 8
LILYDALE SHIRE—				
Evelyn-Lilydale Bridge, between Lilydale and Mt. Evelyn	1,266 14 6		..	
Evelyn-Lilydale Road .. .. .	..		179 13 7	
Lilydale-Evelyn Road	529 3 8		..	
Main Healesville Road	1,775 6 8		2,816 17 1	
Main Healesville-Brushy Creek Bridge	654 1 10		..	
Main Healesville-Olinda Creek Bridge	1,272 0 6		..	
Main Warburton-Stringybark Creek Bridge	722 2 4		..	
Main Warburton .. .. .	..		1,808 0 11	
Main Warburton .. .. .	..		1,653 6 7	
Monbulk .. .. .	..		3,310 10 2	
Monbulk .. .. .	..		224 5 7	
Mount Dandenong Road	1,065 10 1		2,621 16 2	
Yarraglen Road .. .. .	..		332 2 10	
		7,284 19 7		12,946 12 11
LILYDALE AND FERNTREE GULLY SHIRES (Joint Works)—				
Olinda and Mt. Dandenong Roads	64 8 11		..	
		64 8 11		..
LOWAN SHIRE—				
Dimboola-Kaniva Road .. .. .	..		812 16 10	
Goroke Road	11 4 9		486 18 4	
Lorquon West Road	0 12 3		711 1 9	
Yanac Road	1,612 2 8		1,224 10 7	
		1,623 19 8		3,235 7 6
MAFFRA SHIRE—				
Briagolong-Dargo Road .. .. .	..		73 17 7	
Bushy Park-Valencia Creek Road .. .. .	..		330 2 5	
Licola Road	16 5 3		256 19 1	
Maffra-Sale Road .. .. .	..		2,757 13 9	
Tinamba-Boisdale Road .. .. .	..		5,359 14 8	
Tinamba-Newry Road .. .. .	..		317 18 0	
		16 5 3		9,096 5 6
MAFFRA AND AVON SHIRES (Joint Works)—				
Dargo Road .. .. .	..		49 19 1	
				49 19 1
MALDON SHIRE—				
Baringhup Road .. .. .	..		35 6 9	
Castlemaine-Maldon Road	31 4 9		384 12 5	
Castlemaine-Newstead Road .. .. .	..		25 6 2	
Maldon-Eddington Road .. .. .	..		833 4 7	
Melbourne-Bendigo Road	0 15 0		..	
Newstead Road .. .. .	..		136 13 6	
		31 19 9		1,415 3 5
MALDON, MARONG, AND TULLAROOP SHIRES (Joint Works)—				
Maldon-Eddington Road	3,887 10 7		..	
		3,887 10 7		..
MANSFIELD SHIRE—				
Euroa-Merton Road .. .. .	..		146 0 0	
Mansfield Road	815 8 5		1,754 16 11	
Mansfield-Tolmie Road .. .. .	..		243 2 9	
Mansfield-Wood's Point Road .. .. .	..		1,409 8 8	
Mansfield-Wood's Point Road .. .. .	..		Bd. 2,892 13 9	
		815 8 5		6,446 2 1
Carried forward .. .. .	..	96,750 9 3	..	305,846 16 4

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—continued.

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	96,750 9 3	..	305,846 16 4
MARONG SHIRE—				
Bendigo-Bridgewater Road .. .. .	..	..	459 18 10	..
Bendigo-Eddington Road	293 9 5	..	1,207 9 2	..
Bendigo-Serpentine Road .. .. .	..	..	1,053 17 5	..
		293 9 5		2,721 5 5
MARONG, MALDON AND TULLAROOP SHIRES (Joint Works)—				
Maldon-Eddington Road	3,887 10 7	..	..	..
		3,887 10 7		
MARYBOROUGH BOROUGH—				
Ballarat Road .. .. .	..	..	69 14 6	..
Castlemaine Road .. .. .	..	..	69 7 11	..
Eddington Road .. .. .	..	..	68 15 6	..
				207 17 11
MCIVOR SHIRE—				
Heathcote-Elmore Road .. .. .	..	..	254 7 0	..
Heathcote-Redesdale Road .. .. .	..	..	331 10 7	..
Kilmore-Heathcote-Bendigo Road	38 9 8	..	665 14 1	..
		38 9 8		1,251 11 8
MCIVOR AND METCALFE SHIRES (Joint Works)—				
Kyneton-Redesdale Road .. .. .	..	..	2 2 1	..
				2 2 1
MELTON SHIRE—				
Toolern Road .. .. .	..	..	519 9 10	..
				519 9 10
METCALFE SHIRE—				
Kyneton-Redesdale Road .. .. .	..	..	569 11 11	..
				569 11 11
METCALFE AND MCIVOR SHIRES (Joint Works)—				
Kyneton-Redesdale Road .. .. .	..	..	2 2 2	..
				2 2 2
MILDURA TOWN—				
Deakin Avenue .. .. .	..	..	367 3 7	..
Langtree Avenue .. .. .	..	..	163 12 10	..
Punt Road	27 0 4	..	93 8 1	..
Tenth Street	1 18 3	..	6 6 1	..
		28 18 7		630 10 7
MILDURA SHIRE—				
Deakin Avenue .. .. .	..	..	546 16 6	..
Irymple Road	3,172 19 3	..	850 14 10	..
Melbourne Road	121 6 6	..	438 7 4	..
Wentworth Road	1,401 1 8	..	1,181 19 0	..
		4,695 7 5		3,017 17 8
MINHAMITE SHIRE—				
Hamilton-Macarthur-Port Fairy Road .. .. .	..	..	2,857 17 9	..
Warrnambool-Kawkesdale-Penshurst Road .. .. .	..	..	2,849 6 7	..
				5,707 4 4
MIRBOO SHIRE—				
Allambee East-West Tarwin Road .. .. .	..	..	10 19 0	..
Boolarra South Road .. .. .	..	..	41 5 10	..
Mardan Road	1,520 3 4	..	180 19 11	..
Mirboo-Allambee East .. .. .	..	..	527 16 2	..
Mirboo-Leongatha Road .. .. .	..	..	105 11 3	..
Mirboo South Road	774 12 2	..	845 8 5	..
		2,294 15 6		1,712 0 7
MOORABBIN SHIRE—				
Centre Dandenong Road .. .. .	..	..	50 2 1	..
Point Nepean Road .. .. .	..	..	2,736 8 4	..
				2,786 10 5
MORDIALLOC CITY—				
Point Nepean Road .. .. .	..	..	1,099 19 2	..
				1,099 19 2
MORNINGTON SHIRE—				
Point Nepean Road .. .. .	..	..	227 4 2	..
				227 4 2
MORTLAKE SHIRE—				
Caramut-Lismore Road .. .. .	..	..	7,282 12 5	..
Mortlake-Ararat Road .. .. .	..	..	1,848 16 7	..
Mortlake-Warrnambool Road .. .. .	..	..	2,261 16 9	..
Terang-Mortlake Road .. .. .	..	..	727 5 5	..
				12,120 11 2
MORWELL SHIRE—				
Boolaira-Welshpool Road	3,704 5 7	..	37 1 6	..
Boolaira-Foster Road .. .. .	..	..	70 16 3	..
Jeeralang West Road	294 8 10	..	408 0 5	..
Prince's Highway .. .. .	..	..	876 14 3	..
Boolaira-Foster Road .. .. .	..	..	269 4 5	..
Boolaira-Welshpool Road .. .. .	..	..	512 13 1	..
		3,998 14 5		2,174 9 11
MORWELL AND ALBERTON SHIRES (Joint Works)—				
Boolaira-Welshpool Road .. .. .	..	..	37 18 2	..
				37 18 2
Carried forward .. .. .	..	111,987 12 10	..	340,635 3 6

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount	Total.	Amount	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	111,987 12 10	..	340,635 3 6
MORWELL, ALBERTON AND SOUTH GIPPSLAND (Joint Works)— Gonyah-Ryton Road .. .. .	..		60 7 3	60 7 3
MORWELL AND WOORAYL SHIRES (Joint Works)— Boolarra-Foster Road .. .. .	..		0 10 0	0 10 0
MOUNT ROUSE SHIRE— Ballarat-Hamilton Road .. .. .	..		1,698 2 1	
Hamilton-Dunkeld Road .. .. .	..		342 4 6	
Hamilton-Penshurst Road .. .. .	..		2,922 16 2	
Penshurst-Caramut Road .. .. .	..		1,426 6 6	6,389 9 3
MULGRAVE SHIRE— Ferntree Gully Road	0 5 7	0 5 7	1,946 2 1	1,946 2 1
NARRACAN SHIRE— Prince's Highway East .. .. .	..		857 5 8	
Trafalgar-Thorpdale Road .. .. .	..		313 6 7	
Trafalgar-Willowgrove Road .. .. .	..		249 11 4	
Walhalla Road .. .. .	..		494 14 9	
Walhalla Road .. .. .	..		774 13 1	
Yarragon-Leongatha Road .. .. .	..		697 10 2	
Yarragon-Shady Creek Road .. .. .	..		146 7 8	3,533 9 3
NEWHAM AND WOODEND SHIRE— Lancefield Road .. .. .	..		190 8 4	
Melbourne-Bendigo Road .. .. .	..		98 12 4	
Tylden Road	1,470 10 10		17 2 9	306 3 5
NEWHAM AND WOODEND AND KYNETON SHIRES (Joint Works) Tylden Road	15 14 6	15 14 6	32 8 0	32 8 0
NEWSTEAD AND MT. ALEXANDER SHIRE— Castlemaine-Daylesford Road .. .. .	..		534 4 5	
Castlemaine-Maryborough Road .. .. .	..		455 4 10	
Creswick Road .. .. .	..		264 3 9	
Maldon Road .. .. .	..		32 19 2	1,286 12 2
NUMURKAH SHIRE— Echuca-Picola Road	0 15 6		539 10 5	
Murray Valley Road	62 5 0		210 3 4	
Nathalia-Kyabram Road .. .. .	..		1,600 6 11	
Nathalia-North Road .. .. .	..		162 16 4	
Nathalia-Picola Road .. .. .	..		633 2 2	
Numurkah-Nathalia Road	390 0 0		543 16 6	
Numurkah-Tungamah Road .. .. .	..		35 14 5	
Shepparton-Numurkah-Cobram Road	1,468 11 7	1,921 12 1	157 16 11	3,883 7 0
NUMURKAH AND DEAKIN SHIRES (Joint Works)— Echuca-Picola Road .. .. .	..		84 17 3	
Echuca-Picola Road .. .. .	..		38 3 10	
Kyabram-Nathalia Road .. .. .	..		20 16 3	143 17 4
OAKLEIGH CITY— Ferntree Gully Road .. .. .	..		523 7 11	
Prince's Highway .. .. .	..		201 19 7	
Prince's Highway (Exp. Conc. Sec.) .. .. .	..		33 8 1	758 15 7
OMEQ SHIRE— Benambra Road	475 17 2	475 17 2	772 13 4	772 13 4
OMEQ AND BRIGHT SHIRES (Joint Works)— Bright Omeo Road .. .. .	..		100 0 0	
			Bd. 900 0 0	1,000 0 0
ORBOST SHIRE— Cann Valley Road	302 2 11		1,167 3 7	
Genoa Gipsy Point Road .. .. .	..		489 1 7	
Marlo Road	3,065 5 5		970 4 10	
Prince's Highway .. .. .	..		412 10 11	3,039 0 11
OTWAY SHIRE— Beech Forest Apollo Bay Road	11 12 9		322 15 9	
Carlisle Gellibrand Road .. .. .	..		137 17 9	
Forrest Apollo Bay Road	24 1 9	35 14 6	893 3 5	1,353 16 11
OXLEY SHIRE— Bright Road	1,942 13 11		956 19 7	
Greta Glenrowan Road	729 9 11		174 19 8	
Oxley Road .. .. .	..		153 1 3	1,285 0 6
		2,672 3 10		
Carried forward .. .. .	..	121,946 19 8	..	366,426 16 6

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—continued.

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	121,946 19 8	..	366,426 16 6
OXLEY SHIRE AND WANGARATTA BOROUGH (Joint Works)—				
Oxley Road .. .. .	..		3 9 5	3 9 5
PHILLIP ISLAND SHIRE—				
Newhaven Road .. .. .	..		212 4 8	
Phillip Island Road .. .. .	..		0 6 11	
Ventnor Road .. .. .	..		289 10 0	502 1 7
PORT FAIRY BOROUGH—				
Prince's Highway—Portland Road .. .. .	..		587 10 8	
Hamilton Road .. .. .	..		662 3 9	
Prince's Highway—Warrnambool Road .. .. .	..		310 1 8	1,559 16 1
PORTLAND SHIRE—				
Heath Road	7 7 2		115 14 9	
Portland—Casterton Road	458 2 7		355 11 1	
Portland—Hamilton Road	574 6 11	1,039 16 8	2,319 2 5	2,790 8 3
PORTLAND AND DUNDAS SHIRES (Joint Works)—				
Portland—Hamilton Road .. .. .	..		9 17 5	9 17 5
PORTLAND AND GLENELG SHIRES (Joint Works)—				
Portland—Casterton Road .. .. .	..		81 18 4	81 18 4
PRESTON CITY—				
Epping Road .. .. .	..		210 18 2	
Whittlesea Road .. .. .	..		2,035 18 5	2,246 16 7
PYALONG SHIRE—				
Kilmore—Heathcote—Bendigo Road .. .. .	..		1,945 1 8	1,945 1 8
PYALONG AND KILMORE SHIRES (Joint Works)—				
Heathcote Road .. .. .	..		71 15 2	71 15 2
QUEENSLIFF BOROUGH—				
Geelong Road	4 3 2	4 3 2	1,517 14 5	1,517 14 5
RINGWOOD BOROUGH—				
Main Healesville Road .. .. .	..		1,235 17 4	
Mount Dandenong Road .. .. .	..		1,019 6 6	
Healesville Road	225 15 0		..	
Ringwood—Warrandyte Road	2 9 3		..	
Warrandyte Road .. .. .	..	228 4 3	1,804 0 10	4,059 4 8
RINGWOOD BOROUGH AND DONCASTER AND TEMPLESTOWE SHIRE (Joint Works)—				
Ringwood—Warrandyte Road	5 17 8	5 17 8	195 14 5	195 14 5
RIPON SHIRE—				
Ballarat—Ararat Road .. .. .	..		334 14 2	
Ballarat—Hamilton Road .. .. .	..		2,739 16 10	
Skipton Road .. .. .	..		861 2 10	3,935 13 10
RIPON AND HAMPDEN SHIRES (Joint Works)—				
Ballarat—Hamilton Road .. .. .	..		2 0 4	2 0 4
ROCHESTER SHIRE—				
Bendigo—Echuca Road .. .. .	..		62 6 0	
Rochester—Bamawn—Prairie Road	1,152 1 10		593 0 2	
Shepparton—Rochester—Wycheproof—Rainbow Road	817 4 0		..	
Timmering Road	9 10 0	1,978 15 10	274 12 8	929 18 10
RODNEY SHIRE—				
Kyabram—Nathalia Road .. .. .	..		23 5 4	
Kyabram—Tongala Road .. .. .	..		444 9 5	
Mooroopna—Undera Road	0 9 6		508 7 3	
Shepparton—Rochester—Wycheproof—Rainbow Road	1,179 10 4		..	
Shepparton—Tatura Road	460 14 7		1,688 16 3	
Tatura—Byrneside—Kyabram Road	7 4 6		1,378 3 8	
Tatura—Murchison Road	4 17 11	1,652 16 10	340 2 1	4,383 4 0
RODNEY SHIRE AND SHEPPARTON BOROUGH (Joint Works)—				
Shepparton—Tatura Road .. .. .	..		245 14 2	
Shepparton—Tatura Road .. .. .	..		32 16 1	
Shepparton—Mooroopna Road .. .. .	..		13 13 11	292 4 2
RODNEY SHIRE AND SHEPPARTON SHIRE (Joint Works)—				
Shepparton—Mooroopna Road .. .. .	..		1 13 8	1 13 8
RODNEY AND DEAKIN SHIRES (Joint Works)—				
Kyabram—Tongala Road .. .. .	..		2 2 9	
Rochester—Kyabram Road .. .. .	..		0 15 11	2 18 8
Carried forward .. .. .	..	126,856 14 1	..	390,958 8 0

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	126,856 14 1	..	390,958 8 0
ROMSEY SHIRE—				
Lancefield-Kilmore Road .. .. .	..	..	506 1 9	
Melbourne-Lancefield Road .. .. .	..	..	1,020 9 5	
Woodend-Lancefield Road .. .. .	..	..	423 16 10	1,950 8 0
ROMSEY AND KILMORE SHIRES (Joint Works)—				
Kilmore-Lancefield Road .. .. .	..	..	0 5 3	
Lancefield-Kilmore Road .. .. .	..	..	85 16 10	86 2 1
ROSEDALE SHIRE—				
Prince's Highway .. .. .	..	..	67 1 6	
Sale-Yarram Road	450 11 0	..	676 4 3	
Seaspray Road	50 12 1	..	341 16 4	
Carrajung-Gormandale Road	207 15 10	..	..
Traralgon-Gormandale Road .. .. .	..	..	261 9 3	
Willung Road	182 0 0	..	38 9 11	1,385 1 3
ROSEDALE AND ALBERTON SHIRES (Joint Works)—		890 18 11		
Carrajung-Gormandale Road	2 17 5	..	36 2 3	
Sale-Yarram Road .. .. .	..	..	23 7 6	59 9 9
RUTHERGLEN SHIRE—				
Chiltern-Howlong Road .. .. .	..	..	315 14 10	
Rutherglen-Wahgunyah Road .. .. .	..	..	632 18 6	
Springhurst-Rutherglen Road .. .. .	..	..	473 4 11	
Wodonga Road .. .. .	..	..	546 10 5	
Yarrowonga Road .. .. .	..	..	420 9 11	2,388 18 7
RUTHERGLEN AND WANGARATTA SHIRES (Joint Works)—				
Yarrowonga Road	336 14 2	..	78 15 10	78 15 10
RUTHERGLEN, WANGARATTA AND YARROWONGA SHIRES (Joint Works)—		336 14 2		
Yarrowonga-Rutherglen Road .. .. .	..	..	97 2 9	97 2 9
SALE TOWN—				
Prince's Highway .. .. .	..	..	286 19 6	
Sale-Longwood Road .. .. .	..	..	734 14 7	1,021 14 1
SEBASTOPOL BOROUGH—				
Ballarat-Rokewood Road .. .. .	..	..	1,572 12 2	1,572 12 2
SEYMOUR SHIRE—				
Avenel-Longwood Road .. .. .	..	..	141 15 4	
Goulburn Valley Road	196 13 0	..	171 10 4	
Seymour-Yea Road .. .. .	..	..	20 18 6	
Sydney Road .. .. .	..	..	19 4 6	
Upper Goulburn Road .. .. .	..	..	276 1 3	629 9 11
SEYMOUR AND GOULBURN SHIRES (Joint Works)—		196 13 0		
Goulburn Valley Road .. .. .	..	..	148 5 0	148 5 0
SEYMOUR AND BROADFORD SHIRES (Joint Works)—				
Upper Goulburn Road .. .. .	..	..	0 5 5	0 5 5
SHEPPARTON SHIRE—				
Dookie-Nalinga Road	38 8 11	..	182 10 11	
Shepparton-Mooroopna Road .. .. .	..	..	0 18 9	
Shepparton-Nagambie Road	1,745 15 8	..	518 0 3	
Shepparton-Nalinga Road	903 3 7	..	2,055 15 10	
Shepparton-Numurkah Road	5,132 1 9	..	849 4 11	3,606 10 8
SHEPPARTON AND RODNEY SHIRES (Joint Works)—		7,819 9 11		
Shepparton-Mooroopna Road .. .. .	..	..	1 13 9	1 13 9
SHEPPARTON SHIRE AND SHEPPARTON BOROUGH (Joint Works)—				
Shepparton-Nagambie Road .. .. .	..	..	0 0 3	
Shepparton-Nalinga Road .. .. .	..	..	95 0 6	95 0 9
SHEPPARTON BOROUGH—				
Shepparton-Nagambie Road .. .. .	..	..	305 8 4	
Shepparton-Numurkah Road .. .. .	..	..	278 0 2	583 8 6
SHEPPARTON BOROUGH AND RODNEY SHIRE (Joint Works)—				
Shepparton-Mooroopna Road .. .. .	..	..	13 13 11	
Shepparton-Tatura Road .. .. .	..	..	32 16 1	
Shepparton-Tatura Road .. .. .	..	..	245 14 3	292 4 3
SHEPPARTON BOROUGH AND SHEPPARTON SHIRE (Joint Works)—				
Shepparton-Nagambie Road .. .. .	..	..	0 0 3	
Shepparton-Nalinga Road .. .. .	..	..	95 0 7	95 0 10
Carried forward .. .. .	..	136,103 7 6	..	405,050 11 7

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	136,103 7 6	..	405,050 11 7
SOUTH BARWON SHIRE—				
Barwon Heads Road .. .. .	..		4,162 9 3	
Prince's Highway .. .. .	..		3,664 4 2	
				7,826 13 5
SOUTH BARWON AND BELLARINE SHIRES (Joint Works)—				
Barwon Heads Bridge Road	28 8 6		..	
		28 8 6		
SOUTH GIPPSLAND SHIRE—				
Boolarra-Foster Road .. .. .	..		390 9 10	
Boolarra-Welshpool Road .. .. .	..		133 4 8	
Boolarra-Welshpool Road .. .. .	..		346 2 7	
Falls Road .. .. .	..		135 9 9	
Foster-Boolarra Road	332 1 6		..	
Foster-Yarram Road	828 3 10		664 10 7	
Stony Creek-Dollar Road	2,061 6 9		43 7 10	
Toora-Gunyah Road	3,383 2 0		392 18 0	
Turton's Creek Road .. .. .	..		1 17 6	
		6,604 14 1		2,108 0 9
SOUTH GIPPSLAND, ALBERTON AND MORWELL SHIRES (Joint Works)—				
Gunyah-Ryton Road .. .. .	..		60 7 4	
				60 7 4
SOUTH GIPPSLAND AND WOORAYL SHIRES (Joint Works)—				
Boolarra-Foster Road .. .. .	..		46 13 11	
				46 13 11
ST. ARNAUD BOROUGH—				
Avoca-St. Arnaud Road .. .. .	..		102 13 7	
Charlton Road .. .. .	..		91 6 10	
St. Arnaud-Donald Road .. .. .	..		1,306 2 3	
Navarre Road .. .. .	..		70 18 5	
				1,571 1 1
STAWELL BOROUGH—				
Ararat-Stawell Road	21 13 8		170 1 4	
Glenorchy Road	681 9 2		177 14 4	
		703 2 10		347 15 8
STAWELL SHIRE—				
Landsborough Road .. .. .	..		208 4 3	
Marnoo Road .. .. .	..		188 5 1	
Navarre Road	2,481 14 5		793 9 4	
Stawell-Glenorchy-Horsham Road	2,069 14 9		510 1 10	
Stawell-Grampians Road	2,952 0 10		631 11 8	
Stawell-Warracknabeal Road	1,847 2 8		86 5 11	
		9,350 12 8		2,417 18 1
STAWELL AND WIMMERA SHIRES (Joint Works)—				
Horsham-Wal Wal Road .. .. .	..		0 9 3	
				0 9 3
STRATHFIELDSAYE SHIRE—				
Heathcote-Bendigo Road .. .. .	..		996 1 6	
Mandurang Road .. .. .	..		829 12 7	
Strathfieldsaye Road .. .. .	..		670 6 0	
				2,496 0 1
SWAN HILL SHIRE—				
Euston Road	3,185 12 7		3,636 8 2	
Nyah-Ouyen Road	2 5 0		471 4 3	
Swan Hill Road	2,655 10 5		1,645 15 0	
Ultima Road .. .. .	..		1,422 12 3	
Ultima-Sea Lake Road .. .. .	..		95 0 0	
		5,843 8 0		7,270 19 8
TALBOT SHIRE—				
Maryborough-Avoca Road .. .. .	..		50 13 8	
Maryborough-Ballarat Road .. .. .	..		998 9 0	
				1,049 2 8
TAMBO SHIRE—				
Bairnsdale-Bruthen Road .. .. .	..		264 5 8	
Bruthen-Omeo Road .. .. .	..		84 0 9	
Mossiface Road .. .. .	..		64 14 4	
Nowa Nowa-Buchan-Gelantipy Road	11 11 0		2,150 17 11	
Prince's Highway .. .. .	..		577 10 1	
		11 11 0		3,141 8 9
TOWONG SHIRE—				
Murray Valley Road	113 13 7		1,769 14 6	
Omeo Highway .. .. .	..		102 7 7	
		113 13 7		1,872 2 1
TRARALGON SHIRE—				
Callignee Road .. .. .	..		218 2 2	
Prince's Highway .. .. .	..		885 18 2	
Traralgon-Gormandale Road	99 13 8		196 6 1	
Traralgon-Jeeralang Road .. .. .	..		1,011 6 5	
		99 13 8		2,311 12 10
Carried forward .. .. .	..	158,858 11 10	..	437,570 17 2

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	177,300 15 3	..	460,785 7 5
WARANGA AND GOULBURN SHIRES (Joint Works)— Murchison-Rushworth Road .. .. .	..	..	20 8 7	20 8 7
WARANGA AND HUNTLY SHIRES (Joint Works)— Heathcote-Elmore Road .. .. .	..	..	24 10 8	24 10 8
WARRAGUL SHIRE— Bloomfield Road	512 13 0	..	903 13 9	..
Brandy Creek Road .. .. .	..	..	1,809 18 2	..
Darnum-Allambie Road .. .. .	..	..	227 14 8	..
Korumburra-Warragul Road	340 6 0	..	..	..
Prince's Highway .. .. .	..	..	1,132 18 2	..
Warragul-Korumburra Road .. .. .	..	..	1,861 18 6	..
Warragul-Leongatha Road	0 2 0	..	359 19 8	..
.. .. .	..	853 1 0	..	6,296 2 11
WARRAGUL AND KORUMBURRA SHIRES (Joint Works)— Warragul-Korumburra Road .. .. .	..	..	42 12 7	42 12 7
WARRNAMBOOL SHIRE— Allansford-Nirranda Road .. .. .	..	..	4,386 16 10	..
Carramut-Lismore Road .. .. .	..	..	1,856 15 8	..
Garvoc-Laang Road .. .. .	..	..	399 2 3	..
Mortlake Road .. .. .	..	..	5,166 5 7	11,809 0 4
WERRIBEE SHIRE— Geelong-Bacchus Marsh .. .. .	..	..	208 19 11	..
Prince's Highway .. .. .	..	..	243 5 9	452 5 8
WHITTLESEA SHIRE— Epping Road .. .. .	..	..	1,366 8 6	..
Main Whittlesea Road	254 2 9	..	1,649 18 11	..
Wallan Road .. .. .	..	..	144 15 6	..
Whittlesea-Kinglake Road	40 15 2	..	479 12 2	..
.. .. .	..	294 17 11	..	3,640 15 1
WIMMERA SHIRE— Dooen Road .. .. .	..	..	657 16 0	..
Horsham-Wal Wal Road	485 12 6	..	202 9 0	..
Natimuk Road	34 18 0	..	395 3 7	1,255 8 7
.. .. .	..	520 10 6	..	..
WIMMERA AND ARAPILES SHIRES (Joint Works)— Horsham-Natimuk Road .. .. .	..	..	7 10 3	..
Horsham-Hamilton Road .. .. .	..	..	259 2 0	266 12 3
WIMMERA AND STAWELL SHIRES (Joint Works)— Horsham-Wal Wal Road .. .. .	..	..	0 9 4	0 9 4
WIMMERA, ARAPILES, DUNDAS AND KOWREE SHIRES (Joint Works)— Horsham-Hamilton Road	27 19 10	..	0 16 11	0 16 11
.. .. .	..	27 19 10	..	..
WINCHELSEA SHIRE— Birregulla-Forest Road	475 3 8	..	592 13 6	..
Lorne Road	1,980 0 0	..	1,464 12 5	..
Prince's Highway .. .. .	..	..	1,856 4 9	3,913 10 8
.. .. .	..	2,455 3 8	..	..
WODONGA SHIRE— Murray Valley Road .. .. .	..	..	19 7 5	..
Sydney Road .. .. .	..	..	1,753 14 2	..
Tallangatta Road .. .. .	..	..	247 19 10	..
Wodonga-Yaakandandah Road	57 11 4	..	164 16 2	2,185 17 7
.. .. .	..	57 11 4	..	..
WONTHAGGI BOROUGH— Loch-Wonthaggi Road .. .. .	..	..	372 10 10	..
Wonthaggi-Inverloch Road .. .. .	..	..	643 12 9	..
Wonthaggi-Korumburra Road .. .. .	..	..	48 3 2	1,064 6 9
WONTHAGGI BOROUGH AND BASS SHIRE (Joint Works)— Wonthaggi-Loch Road .. .. .	..	..	274 18 2	274 18 2
WOORAYL SHIRE— Farmers Road .. .. .	..	..	338 7 6	..
Inverloch-Leongatha Road	2,674 6 0	..	1,075 4 8	..
Inverloch-Wonthaggi Road .. .. .	..	..	169 1 8	..
Leongatha-Yarragon Road .. .. .	..	..	722 9 2	..
Lower Tarwin Road	65 7 11	..	676 2 8	..
Main South Gippsland Road	1,495 0 1	..	2,470 6 2	..
Mardan Road	1 14 8	..	375 2 11	..
Meenyan-Stony Creek Road	2,237 2 3	..	..	..
Turton's Creek Road .. .. .	..	..	0 14 5	..
Warragul-Leongatha Road .. .. .	..	..	314 13 3	..
Wild Dog Valley Road	346 19 7	..	340 2 0	..
.. .. .	..	6,820 10 6	..	6,482 4 5
Carried forward .. .. .	..	188,330 10 0	..	498,150 7 11

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	158,858 11 10	..	437,570 17 2
TULLAROOP SHIRE—				
Avoca Road .. .. .	..		648 4 11	
Ballarat Road .. .. .	..		85 19 8	
Castlemaine-Maryborough Road .. .. .	..		2,069 16 1	
Eddington Road	191 5 0		320 7 11	
Natte Yallock Road	266 8 10		116 10 3	
		457 13 10		3,240 18 10
TULLAROOP, MALDON AND MARONG SHIRES (Joint Works)—				
Maldon-Eddington Road	3,887 10 7		..	
		3,887 10 7		
TUNGAMAH SHIRE—				
Cobram South Road .. .. .	..		5 15 1	
Cobram-Strathmerton Road	1,214 13 0		27 19 7	
Numurkah-Tungamah-Wilby Road	2,102 12 5		448 9 10	
St. James Road .. .. .	..		262 13 0	
Yarrawonga-Cobram Road	69 0 0		289 12 1	
		3,386 5 5		1,034 9 7
UPPER MURRAY SHIRE—				
Corryong Road	2,199 19 4		727 6 5	
Tintaldra Road	17 6 7		146 17 4	
		2,217 5 11		874 3 9
UPPER YARRA SHIRE—				
Don Road .. .. .	..		16 15 1	
Warburton Road .. .. .	..		2,377 8 3	
Wood's Point Road .. .. .	..		Bd. 1,977 19 5	
				4,372 2 9
VIOLET TOWN SHIRE—				
Shepparton Road	433 4 6		101 14 5	
Sydney Road .. .. .	..		184 3 4	
Violet Town-Dookie Road	1,232 8 5		282 10 4	
		1,665 12 11		568 8 1
WALPEUP SHIRE—				
Ouyen-Pinnaroo Road	1,628 15 9		971 13 0	
Mildura Road .. .. .	..		2 16 4	
		1,628 15 9		974 9 4
WANGARATTA BOROUGH—				
Beechworth Road .. .. .	..		113 17 9	
Sydney Road	22 11 4		1,268 0 0	
		22 11 4		1,381 17 9
WANGARATTA BOROUGH AND WANGARATTA SHIRE (Joint Works)—				
Sydney Road .. .. .	..		10 0 10	
				10 0 10
WANGARATTA BOROUGH AND OXLEY SHIRE (Joint Works)—				
Oxley Road .. .. .	..		3 9 5	
				3 9 5
WANGARATTA SHIRE—				
Beechworth Road .. .. .	..		299 7 1	
Rutherglen Road	496 11 10		21 0 0	
Wangaratta-Myrtleford Road .. .. .	..		105 11 1	
Yarrawonga Road	133 13 6		347 13 0	
		630 5 4		773 11 2
WANGARATTA AND BEECHWORTH SHIRES (Joint Works)—				
Beechworth Road .. .. .	..		4 4 3	
				4 4 3
WANGARATTA AND RUTHERGLEN SHIRES (Joint Works)—				
Yarrawonga Road	336 14 1		78 15 10	
		336 14 1		78 15 10
WANGARATTA SHIRE AND WANGARATTA BOROUGH (Joint Works)—				
Sydney Road .. .. .	..		10 0 9	
				10 0 9
WANGARATTA AND YARRAWONGA SHIRES (Joint Works)—				
Peechelba Road	461 8 4		..	
		461 8 4		
WANGARATTA, YARRAWONGA AND RUTHERGLEN SHIRES (Joint Works)—				
Yarrawonga-Rutherglen Road .. .. .	..		97 2 10	
				97 2 10
WANNON SHIRE—				
Coleraine-Harrow-Apsley Road .. .. .	..		666 7 1	
Hamilton-Coleraine-Casterton Road	12 17 2		2,243 11 7	
Wannon Bridge Road .. .. .	..		135 9 0	
		12 17 2		3,045 7 8
WANNON AND GLENELG SHIRES (Joint Works)—				
Hamilton-Coleraine-Casterton Road .. .. .	..		73 4 0	
				73 4 0
WARANGA SHIRE—				
Colbinabbin-Corop Road .. .. .	..		3 17 8	
Colbinabbin-Moorabbin Road .. .. .	..		1,883 12 10	
Elmore-Colbinabbin Road	312 15 8		797 18 1	
Heathcote-Elmore Road	1,895 4 1		2,770 9 10	
Murchison-Rushworth Road	1,527 3 0		1,133 8 11	
Tatura Road .. .. .	..		82 16 1	
		3,735 2 9		6,672 3 5
Carried forward .. .. .	..	177,300 15 3	..	460,785 7 5

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION AND MAINTENANCE, ETC.—*continued.*

Municipality and Road.	Permanent Works.		Maintenance.	
	Amount.	Total.	Amount.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward .. .. .	..	188,330 10 0	..	498,150 7 11
WOORAYL AND MORWELL SHIRES (Joint Works)— Boolarra-Foster Road .. .. .	..		0 10 0	0 10 0
WOORAYL AND SOUTH GIPPSLAND SHIRES (Joint Works)— Boolarra-Foster Road .. .. .	..		46 13 11	46 13 11
WYCHEPROOF SHIRE— Birchip-Sealake Road .. .. .	..		288 14 0	
Birchip-Wycheproof Road	1,157 9 1		1,492 11 0	
Corack Road .. .. .	..		1 4 6	
Sealake-Ultima Road	412 18 0		51 18 8	
Woomelang-Sea Lake Road .. .. .	..		283 10 1	
Wycheproof-Sealake Road .. .. .	..	1,570 7 1	6 5 5	2,124 3 8
YACKANDANDAH SHIRE— Dederang Road	2,827 13 1		570 10 9	
Gundowting Road	1,672 14 8		535 6 10	
Yackandandah-Wodonga Road	1,478 13 0		416 2 0	
		5,979 0 9		1,521 19 7
YARRAWONGA SHIRE— Tungamah-Wilby Road	1,000 0 0		35 15 2	
Wangaratta-Yarrawonga Road .. .. .	..		1,371 12 11	
Yarrawonga-Cobram Road	148 19 1		636 9 7	
Yarrawonga-Rutherglen Road .. .. .	..		354 0 10	
Yarrawonga-Wangaratta Road	1,624 9 11		..	
		2,773 9 0		2,397 18 6
YARRAWONGA AND WANGARATTA SHIRES (Joint Works)— Peechelba Road	461 8 4		..	
		461 8 4		
YARRAWONGA, WANGARATTA AND RUTHERGLEN SHIRES (Joint Works)— Yarrawonga-Rutherglen Road .. .. .	..		97 2 10	97 2 10
YEA SHIRE— Upper Goulburn Road	1,756 8 3		3,025 13 10	
Yea-Glenburn Road	1,111 3 2		2,038 11 8	
		2,867 11 5		5,064 5 6
YEA AND ALEXANDRA SHIRES (Joint Works)— Upper Goulburn-Home Creek Bridge Road ..	243 13 3		..	
		243 13 3		
YEA AND BROADFORD SHIRES (Joint Works)— Upper Goulburn Road .. .. .	..		8 1 3	8 1 3
Total .. .. .	..	£202,225 19 10	..	£509,776 3 2

STATE HIGHWAYS.

Prince's Highway West	543 4 9	78,376 19 5	
Prince's Highway East	807 6 2	99,581 5 3	
Western Highway	2,600 13 4	77,985 16 11	
Calder Highway	4,836 6 7	60,719 3 11	
Northern Highway	1,342 9 4	12,578 5 4	
Hume Highway	9,620 12 8	47,821 12 3	
Omeo Highway	944 18 9	25,259 10 3	
		20,695 11 7	402,322 13 4
Suspense		£222,921 11 5	£912,098 16 6
		3 0 0	..
		£222,924 11 5	£912,098 16 6

APPENDIX E.

COUNTRY ROADS BOARD.

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS FOR YEAR ENDED 30TH JUNE, 1929.

Municipality and Road.	Act No. 3255.		Municipality and Road.	Act No. 3255.	
	Amount.	Total.		Amount.	Total.
	£	s. d.		£	s. d.
ALBERTON SHIRE—			Brought forward ..		24,980 18 7
Albert River Road ..	587	6 8	BELFAST SHIRE—		
Balook-Traralgon Road ..	2,298	0 0	Spencer's Road ..	269	18 6
Carrajung-Balook Road ..	18	6 8			269 18 6
Carrajung-Gormandale Road ..	1,348	16 4	BELLARINE SHIRE—		
Gelliondale Road ..	163	6 6	Barwon Heads-Ocean Grove		
Tarra Valley Road ..	371	1 11	Road ..	264	8 0
Whitelaw's Track Road ..	778	4 3			264 8 0
		5,565 2 4	BENALLA SHIRE—		
ALBERTON AND ROSEDALE SHIRES			Molyullah-Tatong Road ..	124	0 0
(Joint Works)—			Toombullup Road ..	62	17 0
Merriman's Creek Road ..	1,460	5 3			186 17 0
		1,460 5 3	BERWICK SHIRE—		
ALBERTON AND SOUTH GIPPSLAND			Beaconsfield-Emerald Road ..	3,322	5 8
SHIRES (Joint Works)—			Cockatoo-Gembrook Road ..	756	13 7
Devil's Pinch Road ..	2	2 11	Tynong-Tonimbuk Road ..	238	18 1
		2 2 11	Upper Beaconsfield-Upper		
ALEXANDRA SHIRE—			Pakenham Road ..	40	17 4
Terip Terip Road ..	291	17 5			4,358 14 8
		291 17 5	BERWICK AND FERNTREE GULLY		
ARAPILES SHIRE—			SHIRES (Joint Works)—		
Arapiles-Grassy Flat Road ..	852	0 0	Emerald Road ..	250	3 6
		852 0 0	Reservoir Road ..	257	2 6
AVOCA SHIRE—					507 6 0
Maryborough-Natte Yallock			BIRCHIP SHIRE—		
Road ..	2,942	16 3	Berriwillock Road ..	77	5 6
		2,942 16 3	Kinnabulla West Road ..	71	14 11
AVON SHIRE			Watchupga Road ..	67	6 10
Bengworden Road ..	169	9 0			216 7 3
		169 9 0	BORUNG SHIRE—		
BACCHUS MARSH AND CORIO			Aubrey Road ..	957	10 11
SHIRES (Joint Works)—			Boolite-Sheep Hills Road ..	1,952	6 11
Balliang Road ..	19	5 8	Brim East Road ..	6	17 11
		19 5 8	Donald-Warracknabeal Road ..	1,789	4 8
BAIRNSDALE SHIRE—					4,706 0 5
Bairnsdale-Bengworden Road ..	1,023	11 1	BORUNG AND KARKAROOC SHIRES		
Bulumwaal-Laberabbera Road ..	13	12 8	(Joint Works)—		
Calulu-Boggy Creek Road ..	464	15 6	Galaquil West Road ..	155	0 0
Fernbank-Stockdale Road ..	969	2 0			155 0 0
Glenaladale-Lindenow Road ..	46	11 5	BRIGHT SHIRE—		
Hodge Estate Road ..	3,233	13 3	Buffalo River Road ..	1,034	18 4
		5,751 5 11	Happy Valley Road ..	2,498	11 7
BALLAN SHIRE—			Kiewa Valley Road ..	3,366	13 9
Back Settlement Road ..	84	18 1	Myrtleford - Yackandandah		
		84 18 1	Road ..	32	12 3
BALLAN AND BUNINYONG SHIRES					6,932 15 11
(Joint Works)—			BROADMEADOWS AND BULLA		
Boundary Road ..	193	4 3	SHIRES (Joint Works)—		
Egerton-Bungal Road ..	66	2 5	Konagadera Road ..	185	11 3
		259 6 8			185 11 3
BASS SHIRE—			BULLA SHIRE—		
Dalyston-Glenforbes Road ..	25	0 0	Konagadera Road ..	100	0 0
Glenalvie Road ..	1,343	14 0	Riddell Road ..	1,405	18 1
Kernot-Krowera Road ..	1,569	1 6			1,505 18 1
Korumburra-Wonthaggi Road ..	2,308	9 3	BULLA AND BROADMEADOWS		
Wonthaggi-Loch Road ..	1,226	18 8	SHIRES (Joint Works)—		
		6,473 3 5	Konagadera Road ..	185	11 3
BECHWORTH SHIRE—					185 11 3
Bowman's Forest Road ..	21	11 8	BULN BULN SHIRE—		
Hillsborough Road ..	478	1 0	Apteds Road ..	3	5 2
Myrtleford - Yackandandah			Jindivick-Neerim South Road ..	3,485	3 2
Road ..	375	8 9	Labertouche Road ..	4	12 6
Stanley Road ..	65	2 0	Mountain View Road ..	104	15 10
		940 3 5	Neerim South-Neerim East		
BEECHWORTH AND WANGARATTA			Road ..	1,444	5 10
SHIRES (Joint Works)—			Poowong Road ..	41	15 10
Everton Road ..	168	18 6	Torwood-Topiram Road ..	1,605	17 1
		168 18 6			6,689 15 5
BEECHWORTH AND YACKANDAN-			BULN BULN AND WARRAGUL		
DAH SHIRES (Joint Works)—			SHIRES (Joint Works)—		
Myrtleford - Yackandandah			Lardner's Track Road ..	501	16 10
Road ..	0	3 9			501 16 10
		0 3 9	Carried forward ..		51,646 19 2
Carried forward ..		24,980 18 7			

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.				Municipality and Road.	Act No. 3255.								
	Amount.		Total.			Amount.		Total.						
	£	s.	d.	£		s.	d.	£	s.	d.				
Brought forward ..			51,646	19	2	Brought forward ..			85,136	1	1			
BUNGAREE SHIRE— Bolwarrah Road	1,044	1	2			DONALD SHIRE— Corack—East Donald Road ..	675	0	0					
				1,044	1	2	Jeffcott Road	886	11	0				
BUNINYONG AND BALLAN SHIRES (Joint Works)— Egerton—Bungal Road	66	2	5			Rich Avon Road	569	0	0					
Boundary Road	193	4	4			Sheep Hills Road	825	0	0	2,955	11	0		
				259	6	9	DUNDAS SHIRE— Kannawalla—Noske Road ..	179	14	8				
BUNINYONG AND LEIGH SHIRES (Joint Works)— Elaine—Mt. Mercer Road ..	220	1	0			Melville—Forest Road ..	15	13	6		195	8	2	
				220	1	0	DUNMUNKLE SHIRE— Banyena Road	999	16	1				
CHARLTON SHIRE— Buckrabanyule North Road ..	1,387	9	3			Lubeck West Road	45	7	5					
Glenloth Road	1,540	0	4			Minyip—Kewell Road	541	10	2					
Lake Marmal Road	642	1	6			Murtoa North Road	951	6	7					
Teddywaddy Road	348	7	2			Murtoa South Road	629	17	6					
Wooroonook Road	454	0	5			Rupanyup—Marnoo Road ..	2,041	7	5	5,209	5	2		
Yeungroon Road	505	0	9			EAST LODDON SHIRE— Prairie—Borong Road	25	9	4					
				4,876	19	5	Tandarra Road	34	0	10		59	10	2
CHARLTON AND KORONG (Joint Works)— Buckrabanyule North Road ..	20	9	5			ELTHAM SHIRE— Balee—Kangaroo Ground Road	55	3	0					
				20	9	5	Cottle's Bridge Road	158	11	3				
COHUNA SHIRE— Cohuna—Leitchville Road ..	639	6	9			Cottle's Bridge—Strathewan Road	2,021	5	4					
Cohuna—McMillan's Road ..	1,591	19	2			Yarra Glen—Kinglelake East Road	451	17	3	2,686	16	10		
Gannawarra Road	89	11	0			EUROA SHIRE— Euroa—Strathbogie Road ..	53	6	8					
Keely's Lane Road	2,333	10	4			Fern Hills Road	12	2	11					
Murray River Valley Road ..	35	6	6			Longwood Ruffy Road	60	16	8					
Murray River Valley Road (F.A.R. Exp.)	4,124	16	5			Merton Strathbogie Road ..	18	7	5					
				8,814	10	2	Strathbogie Road	1,788	13	2	1,933	6	10	
COHUNA AND ROCHESTER SHIRES (Joint Works)— Gunbower Island Road	353	0	0			FERNTREE GULLY SHIRE— Belgrave—Emerald Road ..	100	10	6					
				353	0	0	Cockatoo—Gembrook Road ..	6	4	0				
COLAC SHIRE— Beaac—Dreeite Road	83	16	4			Emerald—Macclesfield Road ..	1,022	14	2					
Colac—Forest Road	1,871	17	7			Emerald—Monbulk Road	1,489	19	0					
Dreeite Road	1,696	19	10			Lysterfield Road	600	0	0	3,219	7	8		
				3,652	13	9	FERNTREE GULLY AND BERWICK SHIRES (Joint Works)— Reservoir Road	257	2	6		257	2	6
COLAC AND OTWAY SHIRES (Joint Works)— Colac—Forest Road	13	2	9			FERNTREE GULLY AND BERWICK SHIRES (Joint Works)— Emerald Road	1,514	5	3	1,514	5	3		
				13	2	9	FLINDERS SHIRE— Bittern—Dromana Road	1,649	13	4				
CORIO SHIRE— Geelong—Bacchus Marsh Road	1,137	3	2			Brown's Road	388	7	3					
Geelong—Bacchus Marsh—Ripley Bridge Road	2,194	13	11			Main Creek Road	190	0	0	2,228	0	7		
Little River—Ripley Road ..	1,858	11	10			FRANKSTON AND HASTINGS SHIRE— Quarry Road	2,192	15	5	2,192	15	5		
Stacey's Road	99	11	6			GLENELG SHIRE— Dergholm Elderslie Road ..	1,262	10	0					
				5,290	0	5	Glenorehy Estate Road	685	17	11				
CORIO AND BACCHUS MARSH (Joint Works)— Balliang Road	19	5	8			Merino Struan—Tahara Road	663	11	0	2,611	18	11		
				19	5	8	GLENLYON SHIRE— Daylesford—Trentham Road ..	2,051	0	3	2,051	0	3	
CRANBOURNE SHIRE— Dalmore Road	289	16	9			GORDON SHIRE— Barraport West Road	1,468	13	9					
Koo-wee-rup—Modella Road ..	1,776	0	0			Boort—Durham Ox Road	2,465	9	7					
Mank's Road	149	2	4			Boort—Marmal Road	360	16	3					
Pearcedale Road	35	13	2			Pyramid Hill—Mologa Road ..	1,125	3	1	5,420	2	8		
				2,250	12	3	GOULBURN SHIRE— Longwood—Ruffy Road	1,007	15	5	1,007	15	5	
DEAKIN SHIRE— Echuca East Road	147	14	5			GRENVILLE SHIRE— Gillett's Road	520	0	0					
Echuca—Wyuna Road	593	5	3			Lismore—Pittong Road	713	12	11	1,233	12	11		
Girgarre East Road	86	0	0			Carried forward				119,912	0	10		
Girgarre West Road	140	0	0											
Girgarre South Road	1,165	19	6											
Kyabram West Road	223	10	0											
Strathallan East Road	798	10	1											
Tongala East Road	0	18	5											
				3,155	17	8								
DEAKIN AND RODNEY SHIRES (Joint Works)— Kyabram—Stanhope Road ..	537	1	0											
				537	1	0								
DIMBOOLA SHIRE— Albacutya Road	286	11	3											
Glenlee—Jeparit Road	2,695	9	3											
				2,982	0	6								
Carried forward				85,136	1	1								

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.		Municipality and Road.	Act No. 3255.	
	Amount.	Total.		Amount.	Total.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
Brought forward ..	..	119,912 0 10	Brought forward ..	..	161,848 4 5
HAMPDEN SHIRE—			KORUMBURRA AND WOORAYL SHIRES (Joint Works)—		
Ayersford Road ..	94 4 6		Briggs Road ..	98 5 0	
Berrybank Werneth Road ..	486 8 7		Wild Dog Valley Road ..	177 11 5	275 16 5
Cundare-Duverney Road ..	1,826 6 5				
Foxhow Road ..	819 4 10		KOWREE SHIRE—		
Mt. Bute Road ..	0 3 0		Benayeo Road ..	776 10 0	
Vite Vite Road ..	120 13 6	3,347 0 10	Edenhope-Natimuk Road ..	1,267 8 6	
			Elderslie Road ..	254 19 4	
HEALESVILLE SHIRE—			Little Desert Road ..	1,178 13 5	
Buxton-Marysville Road ..	39 16 0	39 16 0	Miga Lake-Gymbowen Road ..	710 16 10	
			Minimay Road ..	1,439 2 9	5,627 10 10
HEYTESBURY SHIRE—					
Devil's Gully Road ..	3,987 15 8		KYNETON SHIRE—		
Glenfyne West Road ..	684 10 0		Lagoon Road ..	597 15 10	597 15 10
Kennedy's Creek Road ..	534 9 6				
South Ecklin Road ..	951 19 9		LAWLOIT SHIRE—		
Timboon-Digney's Bridge Road ..	5 4 8		Cove Estate Settlement Road ..	704 0 0	
Timboon-Nirranda Road ..	3 15 4		Lillimur South Road ..	681 18 10	
Timboon-Scott's Creek Road ..	1,275 8 7		Little Desert Road ..	1,980 0 0	
Timboon-Terang Road ..	5,085 4 0	12,528 7 6	Miram Road ..	245 6 4	
			Serviceton North Road ..	433 10 0	
HEYTESBURY AND WARRNAMBOOL SHIRES (Joint Works)—			Serviceton South Road ..	323 10 0	4,368 5 2
Ayersford Road ..	807 15 9	807 15 9			
			LEIGH AND BUNINYONG (Joint Works)—		
HUNTLY SHIRE—			Elaine-Mt. Mercer Road ..	220 0 11	220 0 11
Dromartin Road ..	1,292 14 0				
Holmberg Road ..	1,649 13 7	2,942 7 7	LILLYDALE SHIRE—		
			Monbulk-Seville Road ..	1,180 5 6	
KARA KARA SHIRE—			Olinda Creek Road ..	0 2 6	
Coonoor Road ..	557 10 0		York Road ..	347 10 1	1,527 18 1
Marnoo-St. Arnaud Road ..	1,414 10 7				
Sandy Creek Road ..	823 9 3		LOWAN SHIRE—		
Swanwater Road ..	1,089 18 1	3,885 7 11	Diapur-Yanae Road ..	750 17 5	
			Netherby Road ..	1,301 1 4	
KARKAROOC SHIRE—			Winiam Road ..	61 19 7	
Burroin East Road ..	263 13 5		Woorak Road ..	1,891 11 10	4,005 10 2
Cambacanya Road ..	586 5 5				
Hopetoun-Lascelles Road ..	38 12 2		MCIVOR SHIRE—		
Hopetoun-Yaapect Road ..	152 9 9		Mt. Camel Estate Road ..	2,673 3 10	2,673 3 10
Patchewollock-Speed Road ..	10 14 11				
Rosebery East Road ..	795 8 3		MAFFRA SHIRE—		
Rosebery West Road ..	306 8 6		Bundalaguah Road ..	1,046 14 11	
Wathe Siding Road ..	644 7 10		Maffra-Newry Road ..	1,261 0 2	
Yaapect-Nypo Road ..	90 8 6		Mewburn Park Road ..	736 12 11	3,044 8 0
Yarto Road ..	848 3 2				
Yarto Patchewollock-Road ..	727 10 0	4,464 1 11	MANSFIELD SHIRE—		
			Benalla-Mansfield Road ..	1,964 2 0	
KARKAROOC AND BORUNG SHIRES (Joint Works)—			Tolmie Road ..	1,841 0 0	3,805 2 0
Galaquil West Road ..	155 0 0	155 0 0			
			MARONG SHIRE—		
KERANG SHIRE—			Bendigo-Serpentine Road ..	182 18 0	
Murray River Valley Road ..	2,145 0 3		Kamarooka Road ..	320 10 8	
Murrabit Road ..	3,391 19 10		Yarrarerb Road ..	694 17 2	1,198 5 10
Winlaton Road ..	8 8 0				
Murrabit West Road ..	861 9 8	6,406 17 9	MELTON SHIRE—		
			Coburn's Road ..	1,137 11 6	
KERANG AND SWAN HILL SHIRES (Joint Works)—			Exford Road ..	1,258 4 9	
Winlaton Road ..	149 6 10	149 6 10	Mount Kororoit Road ..	1,434 4 8	3,830 0 11
KORONG SHIRE—			MILDURA SHIRE—		
Emu-Logan Road ..	59 9 9		Bambill North Road ..	683 5 8	
Inglewood North Road ..	5 6 8		Bambill South Road ..	642 16 9	
Kinpaniel Road ..	235 15 8		Benetook Avenue Road ..	26 17 8	
Kurting-Rheola Road ..	37 16 5		Benetook South Road ..	920 10 6	
Mysia East Road ..	613 6 6		Benetook North Road ..	278 8 1	
Nine Mile Road ..	1 9 3		Brownport Road ..	234 14 0	
Wedderburn-Spring Hill Road ..	1,195 5 1		Colignan Road ..	640 0 0	
Woolshed Road ..	8 17 7		Karawinna North Road ..	262 6 2	
Wychitella North Road ..	34 2 1	2,191 9 0	Karawinna South Road ..	509 2 0	
			Merrinee South Road ..	1,445 1 1	
KORONG AND CHARLTON SHIRES (Joint Works)—			Merrinee North Road ..	175 7 8	
Buckrabanyule South Road ..	20 9 5	20 9 5	Meringur North Road ..	666 13 6	
			Meringur South Road ..	621 0 7	
KORUMBURRA SHIRE—			Murray River Valley Road ..	3,497 14 8	
Bena-Kongwak Road ..	175 11 0		Pirlta South Road ..	1,395 0 7	
Briggs Road ..	359 9 6		Red Cliffs East Road ..	982 16 10	
Korumburra South Road ..	54 11 0		Red Cliffs South-east Road ..	974 17 4	
Loch-Nyora Road ..	379 1 0		Red Cliffs West Road ..	24 4 0	
Poowong-Olsen Road ..	2,009 5 6		Thurla South Road ..	73 19 7	
Poowong Estate Road ..	223 2 8		Werrimull North Road ..	636 10 7	
Timms Road ..	1,797 2 5	4,998 3 1	Werrimull South Road ..	1,582 8 6	
			Yarrara North Road ..	707 3 10	
Carried forward ..	..	161,848 4 5	Yarrara South Road ..	597 8 6	
			Pirlta North Road ..	431 9 3	
			Carried forward ..	..	18,009 17 4
					211,031 19 9

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.			Municipality and Road.	Act No. 3255.		
	Amount.		Total.		Amount.		Total.
	£	s.	d.		£	s.	d.
Brought forward ..			211,031 19 9	Brought forward ..			255,255 5 0
MINHAMITE SHIRE—				OTWAY SHIRE—			
Bessiebelle-Yambuk Road ..	21	0	11	Beech Forest-Apollo Bay Road	504	2	7
Heywood Road ..	247	13	10	Beech Forest-Mt. Sabine Road	19	6	2
Lake Gorrie Road ..	2	9	9	Princetown Road ..	7	0	0
Nardoo Road ..	1,691	1	3				530 8 9
Oxford-St. Helens Road ..	687	10	3	OTWAY AND COLAC SHIRES (Joint Works)—			
Woodlands Road ..	1	8	3	Colac-Forrest Road ..	13	2	8
			2,651 4 3				13 2 8
MIRBOO SHIRE—				OXLEY SHIRE—			
Boolarra-Mirboo Road ..	285	16	1	Abbeyard Road ..	50	16	5
Boorool Road ..	0	2	8	Boggy Creek Road ..	1,607	17	10
Darlimurla-Thorpdale Road	727	16	2	Buffalo River Road ..	1,110	2	2
Mirboo-North Thorpdale Road	218	0	3	King Valley Road ..	1,994	19	0
Mardan Road ..	2	4	9	Rose River Road ..	434	1	8
Mirboo-Thorpdale Road ..	55	12	10				5,197 17 1
Mirboo-Yarragon Road ..	50	4	10	PORTLAND SHIRE—			
Old Thorpdale Road ..	81	5	3	Drik Drik-Winnap Road ..	1,017	10	6
Mt. Vernon and Boorool Road	394	14	11	Gorae Road ..	1,030	0	9
Nichol's Road ..	1,701	10	8	Grubbed Road ..	1,763	9	8
Leongatha-Mirboo Road ..	124	6	0				3,811 0 11
			3,641 14 5	PYALONG SHIRE—			
MORWELL SHIRE—				Lancefield-Toolborac Road ..	147	13	6
Boolarra-Mirboo Road ..	158	18	4				147 13 6
Boolarra-Morwell Road ..	1,435	1	4	RIPON SHIRE—			
Hazelwood Estate Road ..	1,605	7	7	Trawalla West Road ..	883	5	1
Jumbuk Road ..	82	7	0	Trawalla Road ..	77	19	0
Livingstone Road ..	4	0	0	Trawalla East Road ..	289	11	1
Middle Creek Road ..	104	6	11				1,250 15 2
Mirboo-Boolarra Road ..	860	10	8	ROCHESTER SHIRE—			
Morwell River Road ..	380	5	4	Echuca West Road ..	1,380	0	0
Tyer's Road ..	661	10	11	Corop Road ..	723	0	0
Moe-Yallourn Road ..	983	11	2	Cotta East Road ..	747	10	7
			6,275 19 3				2,850 10 7
NARRACAN SHIRE—				ROCHESTER AND COHUNA SHIRES (Joint Works)—			
Coalville-Narracan Road ..	1,314	12	9	Gunbower Island Road ..	353	0	0
Erica Road ..	258	8	4				353 0 0
Latrobe River-Connexion Road	13	15	6	RODNEY SHIRE—			
Mirboo-Yarragon Road ..	976	5	11	Lancaster-Undera Road ..	1,656	8	6
Moe-Moondarra Road ..	3	3	8	Mooroopna-Undera Road ..	3,641	12	11
Moe-Yallourn Road ..	2,286	10	10	Tatura-Rushworth Road ..	237	15	1
Platina Road ..	900	0	0	Tatura-Toolamba Road ..	1,228	11	11
Thorpdale-Yarragon Road ..	3,672	2	5				6,764 8 5
Trafalgar South Road ..	714	0	0	RODNEY AND DEAKIN SHIRES (Joint Works)—			
Trafalgar-Willow Grove Road	801	18	8	Kyabram-Stanhope Road ..	537	1	0
Yarragon-Shady Creek Road	9	8	8				537 1 0
			10,950 6 9	ROMSEY SHIRE—			
NEWHAM AND WOODEND SHIRE				Baynton Road ..	199	19	8
Camspaspe Road ..	1,611	12	8				199 19 8
Macedon-Village Settlement Road	1,408	10	8	ROSEDALE SHIRE—			
			3,020 3 4	Callignee South Road ..	16	0	0
NEWSTEAD AND MT. ALEXANDER SHIRE—							16 0 0
Glengowar-Joyce's Creek Road	1,284	14	11	ROSEDALE AND ALBERTON SHIRES (Joint Works)—			
			1,284 14 11	Merriman's Creek Road ..	1,460	5	4
NUMURKAH SHIRE—							1,460 5 4
Waaia North Road ..	1,490	0	0	RUTHERGLEN SHIRE—			
Waaia South Road ..	495	0	0	Black Swamp Road ..	931	0	9
Wunghnu East Road ..	694	4	0				931 0 9
			2,679 4 0	SEYMOUR SHIRE—			
OMEQ SHIRE—				Highland's Road ..	55	0	9
Beloka Road ..	1,011	19	3	Hughes Creek Road ..	1,879	14	9
Benambra-Corryong Road ..	1,521	16	0				1,934 15 6
Bindi Road ..	95	16	11	SHEPPARTON SHIRE—			
Brookville Road ..	1,980	13	11	Congupna Road ..	6,135	18	5
Glen Wills Road ..	0	2	6	Cosgrove Road ..	4	17	11
Little River Road ..	1,547	2	0	Graham's Vale Road ..	2,036	16	9
Mount Leinster Road ..	556	18	6	Nathalia Road ..	1,582	18	6
Reedy Creek Road ..	844	8	6	Pine Lodge North Road ..	2,605	11	1
Sandy Creek Road ..	176	16	2				12,366 2 8
Swift's Creek East Road ..	10	11	3	SHEPPARTON AND TUNGAMAH SHIRES (Joint Works)—			
			7,746 5 0	Congupna-Katandra Road ..	39	14	10
ORBOST SHIRE—							39 14 10
Bete-Bolong Road ..	22	12	6	Carried forward ..			293,659 1 10
Bete-Bolong-Waygara Road	1,579	15	8				
Grove's Road ..	490	0	0				
Jarrahmond Road ..	58	12	9				
Lower Bemm Road ..	545	0	0				
Lower Bendock Road ..	19	13	8				
Mallacoota West Road ..	1,282	6	0				
Orbost-Delegate Road ..	56	18	0				
Tamboon Road ..	811	3	4				
West Cann Road ..	693	7	0				
Wangrabelle Road ..	414	4	5				
			5,973 13 4				
Carried forward ..			255,255 5 0				

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.				Municipality and Road.	Act No. 3255.			
	Amount.		Total.			Amount.		Total.	
	£	s. d.	£	s. d.		£	s. d.	£	s. d.
Brought forward ..	..	..	293,659	1 10	Brought forward ..	..	..	335,176	13 3
SOUTH GIPPSLAND SHIRE—					UPPER YARRA SHIRE—				
Boolarra-Foster Road ..	69	14 3			Don Road.. ..	24	16 3		
Chadwick's Road ..	14	1 8			Little Yarra Road ..	216	8 10		
Dollar-Foster Road ..	720	0 0			Woori Yallock-Cockatoo Road	1,452	12 9		
Dollar-Stony Creek Connexion Road ..	24	0 11			Wood's Point Road ..	166	15 7		
Foster-Mt. Best Road ..	321	0 0						1,860	13 5
Foster-Stony Creek Road ..	6,442	4 0			VIOLET TOWN SHIRE—				
Franklin River Road ..	561	0 0			Harry's Creek Road ..	3,935	2 9		
Lawson-Harding Road ..	1,040	6 0			Fern Hills Road ..	42	4 1		
O'Grady's Ridge Road ..	389	7 6						3,977	6 10
Waratah Road ..	102	1 7			WALPEUP SHIRE—				
Whitelaw's Track Road ..	815	18 1			Boinka North Road ..	51	0 0		
Woomera Creek Road ..	5	10 0			Boinka South Road ..	10	10 0		
Yanakie Road ..	1,075	11 0			Boulka-Timberoo Road ..	409	5 0		
			11,580	15 0	Carina North Road ..	374	0 0		
SOUTH GIPPSLAND AND WOORAYL SHIRES (Joint Works)—					Carina South Road ..	369	0 0		
Dollar-Dumbalk Road ..	970	19 10			Cowangie North Road ..	17	10 0		
					Cowangie South Road ..	310	7 0		
SOUTH GIPPSLAND AND ALBERTON SHIRES (Joint Works)—					Danyo North Road..	399	0 0		
Devil's Pinch Road.. ..	2	2 10			Galah-Timberoo Road ..	404	0 0		
					Linga North Road ..	101	1 10		
STAWELL SHIRE—					Murrayville North Road	401	2 3		
Marnoo-Donald Road ..	1,969	6 11			Nyang-Kattyong Road ..	50	8 0		
Marnoo-St. Arnaud Road ..	316	0 0			Nyang South Road ..	160	0 0		
Pomonal Road ..	2,170	0 0			Ouyen-Tempy Road ..	549	0 0		
			4,455	6 11	Panitya North Road ..	782	15 3		
SWAN HILL SHIRE—					Panitya South Road ..	139	17 0		
Fish Point Road ..	827	0 0			Tiega North East Road ..	480	0 0		
Koolonong East Road ..	735	2 0			Tyalla-Koonda Road ..	415	0 0		
Manangatang-Euston Road ..	249	10 4			Underbool-Gnarr Road ..	494	11 6		
Manangatang-Ouyen Road ..	743	7 0			Underbool-Namengarook Road	360	0 0		
Manangatang-Prooinga Road	483	17 0			Walpeup-North Meridian Road	17	10 0		
Prooinga-Piangil Road ..	409	0 0			Walpeup-Patchewollock Road	975	0 0		
Tyntynden Settlement Road	94	10 0						7,270	17 10
			3,542	6 4	WANNON SHIRE—				
SWAN HILL AND KERANG SHIRES (Joint Works)—					Melville Forest Road ..	861	2 0		
Winlaton Road ..	149	6 11						861	2 0
					WANGARATTA SHIRE—				
TAMBO SHIRE—					Boorhaman-Springhurst Road	1,539	6 6		
Basin Road ..	51	16 3						1,539	6 6
Bill's Road ..	36	3 11			WANGARATTA AND BEECHWORTH SHIRES (Joint Works)—				
Buchan-Gelantipy Road ..	80	0 0			Everton Road ..	168	18 7		
Buchan South Road ..	600	0 0						168	18 7
Nowa Nowa-Buchan Road ..	1,433	9 0			WARANGA SHIRE—				
Nyremilang Road ..	94	7 11			Carag-Stanhope Road ..	2,008	15 8		
Upper Tambo Road ..	334	6 0			Mt. Camel-Corop Road ..	2,329	0 0		
			2,630	3 1				4,337	15 8
TOWONG SHIRE—					WARRAGUL SHIRE—				
George's Creek Road ..	2,175	19 11			Bona Vista-Nilma Road ..	62	0 10		
Granya-Tallangatta Road ..	63	18 3			Ellinbank Road ..	1,736	5 8		
Murray River - Tallangatta Road ..	85	11 2			Ferndale Road ..	1,385	2 10		
Murray Valley Road ..	95	6 2			Ferndale-Strezlecki Road ..	300	3 4		
Shelley-Jingellic Road ..	2,181	17 10			Lardner-Tetoora Road ..	1,180	17 9		
Tallangatta Creek Road ..	1,305	2 0			Mountain View-McDonald's Track Road ..	611	4 4		
Yabba Road ..	25	4 4			Nilma-Shady Creek Road ..	3,018	4 10		
			5,932	19 8	Warragul-Leongatha Road ..	44	13 10		
TRARALGON SHIRE—								8,338	13 5
Callignee Factory Road ..	830	16 9			WARRAGUL AND BULN BULN SHIRES (Joint Works)—				
Traralgon Creek Road ..	34	6 4			Lardner's Track Road ..	501	16 10		
								501	16 10
			865	3 1	WARRNAMBOOL SHIRE—				
TUNGAMAH SHIRE—					Childer's Cove Road ..	2,046	12 5		
Cobram-Katamatite Road ..	28	7 0			Nullawarre-Timboon Road ..	2,020	6 8		
Wunghnu-Youanmite Road ..	869	17 0			Panmure Road ..	1,148	14 6		
Boweya Road ..	710	0 0			Wolaston Road ..	186	16 1		
Katandra Road ..	6,035	3 11						5,402	9 8
			7,643	7 11	WARRNAMBOOL AND HEYTESBURY SHIRES (Joint Works)—				
TUNGAMAH AND SHEPPARTON SHIRES (Joint Works)—					Ayersford Road ..	807	15 9		
Congupna-Katandra Road ..	39	14 10						807	15 9
					WERRIBEE SHIRE—				
UPPER MURRAY SHIRE—					Exford Road ..	1,382	0 0		
Beetomba Road ..	252	7 11						1,382	0 0
Corryong-Benamبرا Road ..	1,096	0 11			WHITTLESEA SHIRE—				
Kancobin Road ..	1,011	5 0			Chadd's Creek Road ..	1,381	8 3		
Murray Valley Road ..	228	4 10			Eden Park Road ..	122	0 0		
Thowgla Road ..	1,117	6 4						1,503	8 3
			3,705	5 0	WIMMERA SHIRE—				
Carried forward ..	..	..	335,176	13 3	Wonwondah East Road ..	39	7 2		
								39	7 2
					Carried forward ..	..	..	373,168	5 2

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.		Municipality and Road.	Act No. 3255.	
	Amount.	Total.		Amount.	Total.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
Brought forward ..		373,168 5 2			
SPECIAL PROVISION— <i>continued.</i>					
WINCHELSEA SHIRE—			Brought forward ..		403,053 10 8
Birregurra-Forrest Road ..	998 19 3		ALBERTON AND MORWELL SHIRES		
Boonah Road ..	136 4 0		(Joint Works)—		
Conn's Lane Road ..	30 4 3		Boolarra-Welshpool Road ..	3 10 7	
Dean's Marsh-Retreat Road ..	417 0 9		Gunyah-Ryton Road ..	10 14 2	14 4 9
Inverleigh-Winchelsea Road ..	519 16 7				
Lorne Road ..	3,690 4 4	5,792 9 2	ALBERTON AND ROSEDALE SHIRES		
WODONGA SHIRE—			(Joint Works)—		
Beechworth-Wodonga Road ..	1,725 8 0		Callighee South Road ..	530 10 5	
Kiewa-Wodonga Road ..	4 10 0	1,729 18 0	Gilmour's Outlet Road ..	395 15 5	926 5 10
WOORAYL SHIRE—			ALBERTON AND TRARALGON		
Buffalo-Waratah Road ..	5 10 0		SHIRES (Joint Works)—		
Canavan's Road ..	3,311 1 6		Ridge Road ..	952 6 5	952 6 5
Coulter's Road ..	195 10 7		AVOCA SHIRE—		
Dollar-Dumbalk Road ..	8 16 0		Maryborough-Natte Yallock		
Gwyther Siding Road ..	64 6 8		Road ..	97 11 8	97 11 8
Leongatha-Mirboo Road ..	1,284 7 5		BENALLA AND OXLEY SHIRES		
Mardan Road ..	1,044 6 5		(Joint Works)—		
Mardan-Dumbalk Road ..	315 7 0		Toombullup Road ..	202 11 7	
Meeniyah-Nerrena Road ..	167 0 10		Toombullup Road ..	1,316 14 9	1,519 6 4
Dumbalk Road ..	62 8 1	6,458 14 6	BRIGHT AND YACKANDANDAH		
WOORAYL AND SOUTH GIPPSLAND			SHIRES (Joint Works)—		
SHIRES (Joint Works)—			Happy Valley and Running		
Dollar-Dumbalk Road ..	970 19 9	970 19 9	Creek Road ..	434 13 5	434 13 5
WOORAYL AND KORUMBURRA			BULN BULN SHIRE—		
SHIRES (Joint Works)—			Duggan North Road ..	2,753 19 3	
Wild Dog Valley Road ..	177 11 5		Fumina Road ..	1,701 7 10	
Brigg's Road ..	98 5 0	275 16 5	Fumina ..	1,224 2 10	
WYCHEPROOF SHIRE—			Loch Valley Road ..	108 0 11	
Berriwillock-Woomelang Road ..	690 8 0		Turner's Road ..	2,285 13 8	8,073 4 6
Culgoa-Lalbert Road ..	398 9 2		ELTHAM SHIRE—		
Dumosa Road ..	75 18 10		Kinglake Road ..	2,750 3 1	
Glenloth-Wycheproof Road ..	1 17 10		Kinglake-Glenburn Road ..	456 17 8	
Meridian Road ..	427 8 7		Kinglake-Kinglake East Road ..	0 8 0	
Nullawil-Winston Road ..	17 15 1		Yarraglen-Glenburn Road ..	375 3 1	3,582 11 10
Nyarrin Road ..	90 8 0		HEALESVILLE SHIRE—		
Sealake-Myall Road ..	812 15 10		Healesville-Toolangi Road ..	3,499 19 3	3,499 19 3
Sealake-Tyrrell Downs Road ..	0 12 3	2,515 13 7	HEYTESBURY SHIRE—		
YACKANDANDAH SHIRE—			Eastern Creek Road ..	1,641 8 3	
Dederang-Tawanga Road ..	0 12 9		Peterborough-Port Campbell		
Kiewa-Wodonga Road ..	801 19 4		Road ..	295 17 4	
Kergunyah Road ..	170 9 1		Port Campbell - Princetown		
Myrtleford - Yackandandah			Road ..	83 4 4	
Road ..	366 2 9		Timboon-Cowley's Creek Road ..	523 0 0	
Running Creek Road ..	246 9 0		Timboon-Nirranda Road ..	649 12 1	3,193 2 0
Sandy Creek Road ..	251 1 1		HEYTESBURY AND WARENAMBOOL		
Woololonga Gap Road ..	906 4 0	2,742 18 0	SHIRES (Joint Works)—		
YACKANDANDAH AND BEECH-			Ayersford Road ..	104 13 3	104 13 3
WORTH SHIRES (Joint Works)			KORUMBURRA SHIRE—		
Myrtleford-Yackandandah			Trida-Strezlecki Road ..	200 6 0	200 6 0
Road ..	0 3 8	0 3 8	KORUMBURRA AND WARRAGUL		
YEA SHIRE—			SHIRES (Joint Works)—		
Flowerdale Road ..	746 4 7		Trida-Strezlecki Road ..	77 18 0	77 18 0
Killingworth Road ..	1,023 0 0		MANSFIELD SHIRE—		
Molesworth-Dropmore Road ..	704 18 6		Tolmie Road ..	2,365 4 7	2,365 4 7
Whittlesea-Kinglake Road ..	5 3 4	2,479 6 5	MIRBOO SHIRE—		
Total ..		396,134 4 8	Allambee East-West Tarwin		
SPECIAL PROVISION.					
ALBERTON SHIRE—			Road ..	55 3 9	
Binginwarri-Albert River Road ..	1,197 4 3		Berry's Creek Road ..	34 6 9	
Binginwarri-Welshpool Road ..	245 2 3		Clear Creek Road ..	220 1 3	
Boolarra-Welshpool Road ..	642 16 0		Mirboo-Yarragon Road ..	4,825 0 5	
Carrajung-Balook Road ..	1,772 7 6		Mt. Vernon and Boorool Road ..	1 14 3	5,136 6 5
Lay's Road ..	28 0 0				
Madalya Road ..	135 19 6		Carried forward ..		433,231 4 11
Merriman's Creek ..	2,872 16 6				
Tarra Valley Road ..	25 0 0	6,919 6 0			
Carried forward ..		403,053 10 8			

STATEMENT OF EXPENDITURE IN CONNEXION WITH CONSTRUCTION OF DEVELOPMENTAL ROADS, ETC.—*continued.*

Municipality and Road.	Act No. 3255.		Municipality and Road.	Act No. 3255.	
	Amount.			Total.	
	£	s. d.		£	s. d.
SPECIAL PROVISION— <i>continued.</i>			SPECIAL PROVISION— <i>continued.</i>		
Brought forward ..	..	433,231 4 11	Brought forward ..	..	502,635 3 10
MORWELL SHIRE—			SOUTH GIPPSLAND SHIRE—		
Morwell River Road ..	1,811 11 0		Binginwarri South Road ..	551 14 6	
Walker's	1,746 16 2	3,558 7 2	Boolarra-Foster Road ..	26 7 5	
MORWELL AND ALBERTON SHIRES (Joint Works)—			Boolarra-Welshpool Road ..	10 0 0	
Boolarra-Welshpool Road ..	3 10 7		McCartin's Road	83 17 0	
Gunyah-Ryton Road ..	10 14 3	14 4 10	Toora-Gunyah Road ..	96 18 0	
MORWELL AND TRARALGON SHIRES (Joint Works)			Turton's Creek Road ..	21 8 4	
Jeeralang West Road ..	787 17 1	787 17 1	Woomera Creek Road ..	1,561 7 4	2,351 12 7
MORWELL AND SOUTH GIPPSLAND SHIRES (Joint Works)—			SOUTH GIPPSLAND AND MORWELL SHIRES (Joint Works)—		
Gunyah-Ryton Road ..	851 1 3	851 1 3	Gunyah-Ryton Road ..	851 1 3	851 1 3
NARRACAN SHIRE—			ROSEDALE AND ALBERTON SHIRES (Joint Works)—		
Aberfeldy-Matlock Road ..	80 0 0		Callignee South Road ..	530 10 5	
Allambee-Childer's Road ..	1,820 9 0		Gilmour's Outlet Road ..	395 15 5	926 5 10
Allambee-Thorpdale Road ..	6,480 4 4		TAMBO SHIRE—		
Mirboo-Yarragon Road ..	1,569 10 4		Basin Road	532 10 5	
Sunny Creek Road ..	974 10 1		Buchan-Gelantipy Road ..	830 0 9	1,362 11 2
Walhalla-Matlock Road ..	393 2 2		TAMBO AND OMEO SHIRES (Joint Works)—		
Yarragon-Leongatha Road ..	7,255 17 11	18,573 13 10	Buchan-Ensary Road ..	19 10 10	19 10 10
NARRACAN AND WARRAGUL SHIRES (Joint Works)—			TRARALGON SHIRE—		
Allambee Estate Road ..	247 0 4	247 0 4	Callignee Road	1,869 4 6	
OMEO AND TAMBO SHIRES (Joint Works)—			Traralgon Creek Road ..	148 6 8	
Buchan-Ensary Road ..	19 10 10	19 10 10	Traralgon Creek Hogg's Bridge Road	4,405 17 8	
ORBOST SHIRE—			Traralgon Creek-Brown's Saddle Road	5,786 14 0	
Bete-Bolong Road ..	3 6 7		Walker's	2,805 3 7	15,015 6 5
Combeinbar Road ..	694 0 0		TRARALGON AND ALBERTON SHIRES (Joint Works)—		
Errinundra Valley Road ..	144 9 1		Ridge Road	952 6 5	952 6 5
Orbost-Buchan Road ..	299 2 0		TRARALGON AND MORWELL SHIRES (Joint Works)—		
Orbost-Delegate Road ..	1,976 2 7		Jeeralang West Road ..	787 17 2	787 17 2
Wangrabelle Road ..	8 16 0	3,125 16 3	WARRAGUL SHIRE—		
OTWAY SHIRE—			Ferndale-Strezlecki Road ..	2,664 17 8	
Amiet's Track Road ..	29 15 10		Korumburra-Seaview Road ..	140 17 5	
Apollo Bay-Wye River Road ..	1,741 13 3		Yarragon-Hazeldene Road ..	43 15 0	2,849 10 1
Barham Valley Road ..	375 0 6		WARRAGUL AND KORUMBURRA SHIRES (Joint Works)—		
Beech Forest-Laver's Hill Road ..	3 12 1		Trida-Strezlecki Road ..	77 18 0	77 18 0
Birregurra-Forest Road ..	141 7 5		WARRAGUL AND NARRACAN SHIRES (Joint Works)—		
Busty Access Road ..	12 7 4		Allambee Estate Road ..	247 0 4	247 0 4
Cape Patten Road ..	14 8 6		WARRNAMBOOL AND HEYTESBURY SHIRES (Joint Works)—		
Carlisle-Gellibrand Road ..	12 19 1		Ayersford Road	104 13 3	104 13 3
Colac-Beech Forest Road ..	2,868 17 10		WOORAYL SHIRE—		
Colac-Forest Road ..	1,688 17 5		Central Road	2,514 4 8	
Ferguson-Charley's Creek Road ..	7,269 1 5		Warragul-Leongatha Road ..	16 6 11	2,530 11 7
Forest-Apollo Bay Road ..	2,539 17 1		YACKANDANDAH AND BRIGHT SHIRES (Joint Works)—		
Gellibrand East Road ..	1,091 6 0		Happy Valley and Running Creek Road	434 13 6	434 13 6
Hordern Vale Road ..	544 13 1		YEA SHIRE—		
Hordern Vale-Apollo Bay Road ..	1,527 7 4		Yarraglen-Glenburn Road ..	21 2 7	21 2 7
Lardner's Track Road ..	127 11 4		Suspense		531,167 4 10
Laver's Hill-Chapplevale-Devondale Road ..	644 17 2				6 8 3
Laver's Hill-Glenaire Road ..	738 18 8				531,160 16 7
Laver's Hill-Princetown Road ..	3,201 5 9				
Mt. Sabine-Laver's Hill Road ..	4,750 16 4				
Port Campbell-Princetown ..	2,916 0 3				
Sunnyside Road ..	1,070 12 3				
Wild Dog Valley Road ..	5 12 6	33,316 18 5			
OXLEY SHIRE—					
Whitfield-Tolmie Road ..	3,772 19 1				
Rose River Road ..	2,100 19 0	7,390 2 5			
OXLEY AND BENALLA SHIRES (Joint Works)—					
Toombullup	202 11 8				
Toombullup Road ..	1,316 14 10	1,519 6 6			
Carried forward ..	..	0 2,635 3 10			

APPENDIX F.

COUNTRY ROADS BOARD.

PARTICULARS OF SURVEYS, ETC., ON ROADS DECLARED MAIN ROADS UNDER THE PROVISIONS OF THE COUNTRY ROADS ACT DURING THE YEAR ENDED 30TH JUNE, 1929.

Name of Municipality and Road.	Locality of Works.	Lengths of Roads—			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER MUNICIPALITIES.					
ALBERTON SHIRE—					
Balook-Traralgon Road ..	Between J. McKenzie's and Pattinson's ..	'76	'76	'76	'76
Foster-Yarram Road ..	Between Shire boundary and Alberton ..	3'1	3'1	1'7	1'2
Sale-Yarram Road ..	At Sweeney's Hill, near Yarram ..	'6	'6	'6	'6
ARAPILES SHIRE—					
Horsham-Natimuk-Edenhope Road	Opposite Allotments 31A, 25A, 20D, 20E, Parish of Toocan	1'19	1'19	'89	'89
AVOCA SHIRE—					
Ballarat-St. Arnaud Road ..	Resheeting between 18,600-ft and 31,950-ft.	..	..	1'58	1'58
BAIRNSDALE SHIRE—					
Bullunwaal - Tabberabbera Road	Forming and gravelling at Wy Yung ..	'77	'77	'77	'77
BALLARAT SHIRE—					
Ballarat-Lexton Road ..	Between Addington and Learmonth ..	..	..	..	'37
" " " " ..	Between Learmonth and Pound Hill ..	..	..	..	'43
" " " " ..	Between Pound Hill and Junction Corner ..	..	..	..	'6
" " " " ..	On Ballarat Common ..	..	..	..	'87
" " " " ..	Between corner Ballarat Common and Howitt Street to Shire boundary	..	3	..	1'04
Maryborough-Ballarot Road	Between Blowhard and Miners Rest ..	..	..	..	'97
" " " " ..	Between Miners Rest and Junction corner ..	..	..	..	'19
BASS SHIRE—					
Main Coast Road ..	Bridge at Hurdy Gurdy Creek and formation and gravelling, San Remo	1'03	1'03	1'03	1'03
Wonthaggi-Loch Road ..	Near Kanavans ..	'96	'96	'96	'96
BECHWORTH SHIRE—					
Everton-Myrtleford Road	Taylor's Gap, Murrumgee ..	..	'38	'38	'38 (Day labour)
BERWICK SHIRE—					
Woolf Yallock-Pakenham-Kooweerup Road	Reforming and metalling south from Cockatoo	'44	'44	'44	'44
" " " " ..	Clearing and forming Crichton's deviation north of Cockatoo	1'65	1'65	..	..
BIRCHIP SHIRE—					
Beulah-Birchip-Wycheproof Road	2½ miles from Birchip ..	1'32	1'32	1'32	..
BLACKBURN AND MITCHAM SHIRE					
Main Healesville Road ..	At Blackburn township ..	1'1	1'1	..	..
BORUNG SHIRE—					
Hopetoun Road ..	At Brim ..	1'61	1'61	1'61	1'61
Rainbow Road ..	Between Allotments 19, 23, 25/24, 22, 20, Parish of Werrigar	1	1	1	1
BULN BULN SHIRE—					
Main Neerim "C" Road ..	Between Allotments 7 and 10, Parish of Neerim	1'2	1'2	1'2	1'2
CHARLTON SHIRE—					
Donald Road ..	Forming, gravelling and metalling 5½ miles west of Charlton	'67	'67	'67	'67
St. Arnaud Road ..	Forming and gravelling 1 mile south of Charlton	'53	'53	'53	'53
COLAC SHIRE—					
Colac-Beech Forest Road ..	Between Colac and Beech Forest ..	..	..	3'92	3'92
CRANBOURNE SHIRE—					
Main Coast Road ..	Bituminous surfacing between Princes Highway and Cranbourne	1	1	1	1
" " " " ..	Gravelling between Cranbourne and Tooradin ..	1'98	1'98	1'98	1'98
" " " " ..	Gravelling between Yallock Creek and Lang Lang	1'98	1'98	1'98	..
DONALD SHIRE—					
St. Arnaud-Birchip Road ..	At Buloke ..	'33	'33	'33	'33
" " " " ..	At Buloke ..	'47	'47	'47	'47
" " " " ..	South of Watchem ..	'94	'94	'94	'94
Donald-Charlton Road ..	At Dixon's Hill ..	'89	'89	'89	..
DUNMUNKLE SHIRE—					
Stawell-Warracknabeal Road	2½ miles south of Rupanyup ..	'4	'4	'4	'4
" " " " ..	3 miles south of Rupanyup ..	'85	'85	'85	'85
" " " " ..	3½ miles south of Rupanyup ..	4'46	4'46	4'46	4'46
" " " " ..	8½ miles south of Rupanyup ..	'66	'66	'66	'66
" " " " ..	2½ miles north of Rupanyup ..	2'26	2'26	2'26	2'26
EAGLEHAWK BOROUGH—					
Mount Korong Road ..	West from eastern building line of Kirkwood street	'5	'25	'11	'11
EAST LODDON SHIRE—					
Dingee Road ..	Fronting Allotments 152 and 151, Parish of Talambe	..	..	..	'65
Prairie Road ..	Fronting Allotments 3, 4, and 5, Parish of Talambe	..	..	..	'67
Mitiamo Road ..	Fronting Allotments 10 and 15, Parish of Hay-anmi	..	..	'28	..
ECHUCA BOROUGH—					
Echuca-Wyuna Road ..	From junction with Echuca-Cornelia Road to Borough boundary	1	1	1	1
ELTHAM SHIRE—					
Hurstbridge-Kinglake Road ..	Opposite Wattle Glen Railway Station ..	'54	'54	'54	'54
FERNTREE GULLY SHIRE—					
Oinda Road ..	Between Upper Ferntree Gully and Tremont ..	..	1'16	..	..
FLINDERS SHIRE—					
Point Nepean Road ..	Between Rye and Sorrento ..	..	..	2'52	2'52
" " " " ..	Boneo Drain, timber bridge and approaches ..	'07	'07	'07	'07
GOULBURN SHIRE—					
Goulburn Valley Road ..	..	4'5	4'5	4'5	4'5
GREENVILLE SHIRE—					
Ballarat-Hamilton Road ..	Concrete bridge and approaches at Scarsdale ..	'15	'15	'15	'15
	Carried forward ..	40'91	42'2	44'75	45'57

PARTICULARS OF SURVEYS, ETC., ON ROADS DECLARED MAIN ROADS, ETC.—*continued.*

Name of Municipality and Road.	Locality of Works.	Lengths of Roads—			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>					
	Brought forward	40·91	42·2	44·75	45·57
HEALESVILLE SHIRE—	Yarra Flats	·32	·32	·32	·32
Healesville-Alexandra Road ..	Between Dalry Pre-emptive Right and Allotment A5, Parish of Gracedale ..	·3	·3	·3	·3
Healesville-Woori Yallock Road					
HUNTLY SHIRE—	At Epsom	·26	·26	·26	·26
Bendigo-Echuca Road	At Elmore	·26	·26	·26	·26
KARA KARA SHIRE—	Between Sutherland's and Cope Cope ..	13·35	·3	·3	·3
St. Arnaud-Donald Road					
Navarre Road	At Paradise and at Navarre	4·03	4·03	4·03	(Day labour) 4·03
KARKAROO SHIRE—	Between Allotments 5, 7, and 14A, 15, Parish of Nyalo .. .. .	..	..	..	·47
Hopetoun - Woomelang - Sea Lake Road	North of Woomelang .. .. .	..	..	..	1·55
Hopetoun-Rainbow Road	Between Allotments 11 and 22, Parish of Nandemarriman .. .. .	..	..	..	1·34
" " " "	Between Allotments 10 and 23, Parish of Nandemarriman .. .. .	..	..	..	1·27
KORUMBURRA SHIRE—	Bitumen from Ranceby towards Drouin ..	..	..	..	0·89
Korumburra-Drouin Road					(Day labour) 1·14
Korumburra-Warragul Road	Bitumen on Reservoir Hill, Korumburra ..	..	..	..	(Day labour) ..
KOWREE SHIRE—	Near Morca and Mortat	·98	·98	·98	·98
Boorook Road	Near Neuarpur	1·23	2·9	2·9	2·9
Boorook-Frances Road	Near Edenhope and "Maryvale"	·84	·84	·84	·84
Edenhope-Goroke Road	Near Edenhope	·25	·25	·25	·25
Hamilton - Edenhope - Apsley Road					
Horsham-Hamilton Road	At Cherrypool	·2	·2	·2	·2
LAWLOIT SHIRE—	Metalling between Kaniva and Sandmere ..	..	·79	·79	·79
Broughton Road	Metalling between Kaniva and Yearinga ..	..	·41	·41	·41
Yearinga Road					
LEIGH SHIRE—	At Salt Creek Flat, near the Rokewood Railway Station, large culvert and approaches ..	·14	·14	..	..
Cressy-Rokewood Road					
LOWAN SHIRE—	Between 8 and Water Reserve, Tarranginnie ..	·25	·25	·25	·25
Yanac Road	Between 15B and Water Reserve, Tarranginnie ..	·18	·18	·18	·18
" " " "	Between 106 and 68, Yanac	·33	·33	·33	·33
" " " "	Between 136 and 8, Tarranginnie	·56	·56	·56	·56
Lorquon West Road	Between 137 and 69, Woorak	·23	·23	·23	·23
" " " "	Between 118 and Reserve, Woorak	·17	·17	·17	·17
MANSFIELD SHIRE—	At 24 miles west of Mansfield	·36	·36	·36	·36
Mansfield Road	At 7 miles west of Mansfield	·28	·28	·28	·28
MILDURA SHIRE—	Between 17th Street and Mena Road, and between Riverside and Main Avenues ..	2·3	2·3	·36	·36
Wentworth Road	Between 15th Street and Gingham Avenue and between Irymple Avenue and Railway ..	1·7	1·7	·8	·8
Irymple Road	Gingham Avenue to McCracken's Crossing ..	·7	·7	·7	·7
Melbourne Road					
MIRBOO SHIRE—	Earthworks through Watt's, Inglis', Pincinis', Jordan's, and Campbell's ..	3	3	3	3
Mardan Road					
MORWELL—	Deviation through Ellis's and others, Parish of Hazelwood .. .. .	..	1·36	1·36	1·36
Jeeralang West Road	From Boolarra-Foster Road to Morwell River Bridge, Parish of Mirboo	·5	·5	..	..
Boolarra-Welshpool Road					
MOUNT ROUSE SHIRE—	Between Dunkeld and 8½ miles east of Glen-thompson .. .. .	..	..	2·19	2·19
Ballarat-Hamilton Road	Between Dunkeld and the 2 mile post .. .. .	..	..	·33	·33
Hamilton-Dunkeld Road	Between 2½ miles on the south to 8½ miles on the north .. .. .	..	..	2·71	2·71
Hamilton-Penshurst Road	Between the 2 and 9 mile posts (bitumen) ..	..	..	..	2·31
" " " "					(Day labour) 1·38
Penshurst-Caramut Road	Between Penshurst and the 14 mile post ..	..	..	1·38	1·38
NEWHAM AND WOODEND SHIRE—	Westerly from boundary of Township of Woodend	·46	·46	·46	·46
Tylden Road					
NUMURKAH SHIRE—	Gravelling on creek frontage opposite north pit ..	..	..	·31	·31
Nathalia-Picola Road	Gravelling near Kinsey's	·63	·63	·63	·63
Nathalia-Kyabram Road	Gravelling south from Deep Creek Bridge ..	·69	·69	·69	·69
" " " "	Gravelling from Deep to Skeleton Creek Bridge ..	·84	·84	·84	·84
" " " "	Gravelling from Skeleton to Camel Creek Bridge ..	1·09	1·09	..	..
Murray Valley Road	Loaming near Wilson's	·15	·15	·15	·15
Shepparton - Numurkah - Coburn Road	Gravelling near Saxton's Estate to McClure's ..	1·23	1·23	1·23	1·23
Numurkah-Nathalia Road	Gravelling north from Walsh's Bridge	·95	·95	·95	·95
" " " "	Gravelling near Nathalia Water Tower	·47	·47	·47	·47
Nathalia North Road	Loaming between Rendell and Hosken's	·25	·25	·25	·25
" " " "	Gravelling north of existing gravel	·47	·47	..	..
Numurkah-Tungamah Road	Gravelling west from Gordon's Road	·87	·87	·87	·87
ONDOL SHIRE—	Extension of Wilson's Creek deviation	1·4	1·4	1·4	1·4
Benambra Road	Extension of Chong's corner	1·11	1·11	1·11	1·11
ORBOST SHIRE—	From Granter's south-easterly towards Marlo ..	1·29	1·29	1·29	1·29
Marlo Road	Gravelling works .. .. .	..	..	..	..
Cann Valley Road	Widening and re-aligning road between Miles's and McCoy's	2·91	1·51	1·51	1·51
OXLEY SHIRE—	Whorouly centre section	·4	·4	·4	·4
Bright Road	Approaches Fifteen Mile Creek Bridge .. ..	..	..	..	·1
Greta-Glenrowan Road					
PORTLAND SHIRE—	From Heywood to Branxholme .. .. .	..	..	23	23
Portland-Hamilton Road	Half a mile south of Myanyn .. .. .	..	..	·29	·29
" " " "					
ROCHESTER SHIRE—	From north-eastern angle Allotment 68B, Parish of Ballendella west to parish boundary ..	·93	·93	·93	·93
Rochester-Bamawm - Prairie	From the Parish boundary at Allotment 201B westerly, northerly, and westerly to Allotment 144A, Parish of Bamawm	1·84	1·84	1·84	1·84
" " " "					
	Carried forward	91·61	82·68	110·4	120·20

PARTICULARS OF SURVEYS, ETC., ON ROADS DECLARED MAIN ROADS, ETC.—*continued.*

Name of Municipality and Road.	Locality of Works.	Lengths of Roads.			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>					
RODNEY SHIRE—	Brought forward	91·61	82·68	110·4	120·29
Tatura—Byrneside—Kyabram Road ..	East and west of Byrneside .. ..	..	..	1	1
Tatura—Murchison Road ..	North of Murchison	2·5	2·5	1·52	1·52
ROBINSON SHIRE—	Woodend—Lancefield ..	Deviation in Crown Portion 21, Parish of Rochford ..	·5	·5	·5
ROSEDALE SHIRE—	Willung Road	In Parish of Willung	·74	·74	·74
RUTHERGLEN SHIRE—	Yarrowonga Road (joint work, Wangaratta Shire) ..	Near O'Donoghue's and Kelly's, east of Ovens Bridge ..	..	..	·38
SHEPPARTON BOROUGH—	Shepparton—Numurkah Road ..	Northwards from Lightfoot Street ..	..	..	·25
" "	" "	From Nixon Street to Lightfoot Street ..	..	..	·32
" "	" "	Shepparton—Nagambie Road ..	Southward of Sobraon Street ..	..	(Day labour) ·25
" "	" "	From High Street to Sobraon Street ..	..	..	·27
Shepparton—Nalinga Road ..	From Railway line to Archer Street ..	..	·3	..	·1
Shepparton—Tatura Road ..	Reconstruction of Cutting Bridge ..	..	..	..	..
SHEPPARTON SHIRE—	Shepparton—Numurkah Road ..	Between Allotments 14A, Parish of Tallygaroopna and 23, Parish of Congupna ..	·89	·89	·89
Shepparton—Nalinga Road ..	Between Allotments 73, 74, 75, 76, 79, 80 and 80A, and 75B, Parish of Currewa ..	2·35	2·35	2·35	2·35
SOUTH GIPPSLAND SHIRE—	Foster—Yarram Road ..	Gravelling at McDonald's ..	..	·46	·46
" "	" "	Gravelling, &c., Nine Mile Creek to Hedley ..	..	1·2	1·2
" "	" "	Gravelling, &c., Blackwood Creek to Agnes ..	..	2·44	2·44
Toota—Gnyah Road ..	Culvert in Stanley-Street ..	..	..	..	..
Boolarra—Foster Road ..	Bitumen penetration in Station-Street section ..	..	·76	·76	·76
Stony Creek—Dollar Road ..	Metalling Stony Creek to Carmichael's Saddle ..	..	2·21	2·21	2·21
STAWELL SHIRE—	Navarre Road .. ..	..	·2	·2	·2
Marnoo Road	Gravelling north and south of Marnoo ..	1·0	1·0	1·04	1·04
Stawell—Glenorchy—Horsham Road ..	Gravelling north of Glenorchy ..	3·02	3·02	1·62	1·62
Stawell—Warracknabeal Road ..	Gravelling north-west of Glenorchy ..	3·88	3·88	1·86	1·86
SWAN HILL SHIRE—	Euston Road	From Nyah to Boundary Bend ..	..	3·04	..
" "	" "	At Swan Hill and Nyah ..	..	..	4·37
Ultima Road	At Swan Hill ..	..	..	..	·4
Ultima—Sea Lake Road ..	At Lalbert Creek ..	..	..	1·08	..
TUNGAMAH SHIRE—	Numurkah—Tungamah—Wilby Road ..	Between Allotments 18, 17, 17A, and Allotments 4 and 4A, Parish of Pellucula ..	1·05	1·05	1·05
Yarrowonga—Cobram Road ..	Between Allotments 29 and 29A, and Allotments 26, 23, 23B and 70B, 71B and 70C, Parish of Cobram ..	·34	·34	·34	·34
Cobram—Strathmerton Road ..	Between Allotments 5c and 6c and 2B, 3B, Parish of Yarrowyah ..	·76	·76	·76	·76
St. James Road	Between Allotments 16A and 2A, 15B and 3B, Parish of St. James ..	·66	·66	·66	·66
WALPEUP SHIRE—	Ouyen—Pinnaroo Road ..	Resheeting from Murrayville to Carina ..	..	·28	·28
" "	" "	Metalling from Danyo to Murrayville ..	..	·35	·35
" "	" "	Forming near Panitya ..	..	·15	·15
" "	" "	Metalling through Underbool ..	1·2	1·2	1·2
" "	" "	Metalling from Murrayville to Carina ..	1·25	1·25	·7
" "	" "	Resheeting and supply of maintenance metal ..	..	1·45	1·45
" "	" "	Metalling near Ouyen ..	·68	·68	·62
" "	" "	Metalling near Walpeup ..	·19	·19	·19
" "	" "	Metalling from Cowangie to Tutye ..	·62	·47	·47
" "	" "	Metalling near Underbool ..	·25	·25	..
" "	" "	Metalling from Walpeup to Underbool ..	·35	·35	..
WARANGA SHIRE—	Murchison—Rushworth Road ..	Between Rushworth and Moora ..	·84	·84	·47
Heathcote—Elmore Road ..	Between Toolcen and Heathcote ..	·88	·88	·38	·38
WIMMERA SHIRE—	Horsham—Hamilton Road ..	Constructing side track commencing at the Borough boundary (Jt. with Arapiles) ..	..	·87	·87
Horsham—Wal Wal Road ..	Gravel construction 195/196 and 109/199A, Bungalally ..	·53	·53	·53	·53
" "	" "	Repairs Faix Bridge and constructing approaches ..	..	·11	..
WINCHELSEA SHIRE—	Birregurra—Forest Road ..	From chainage 20,830-ft. to 22,600-ft. and from 24,600-ft. to 25,700-ft. ..	..	·44	·44
Lorne Road	Stony Creek Falls section (Metalling) ..	..	·51	·51	·51
" "	Hickey's Cutting (26,750-ft. to 29,500-ft.) (Metalling) ..	..	·52	·52	·52
" "	Near Swaynes (Gravelling) (Chainage 6,000-ft. to 10,800-ft.) ..	..	·91	·91	·91
WOORAYL SHIRE—	Wild Dog Valley Road ..	Along Wild Dog Creek ..	·62	·62	·62
Inverloch—Leongatha Road ..	Between Pound Creek turnout and Inverloch ..	3·56	3·56	3·56	3·56
WYCHEPROOF SHIRE—	Birchip—Wycheproof Road ..	West of Wycheproof ..	·9	·9	·9
Sea Lake—Ultima Road ..	..	·15	·15	·15	·15
Birchip—Sea Lake ..	..	1·25	1·25	1·25	1·25
Woomelang—Sea Lake ..	..	·53	·53	·53	·53
YACKANDANDAH SHIRE—	Yackandandah—Wodonga Road ..	Parish of Yackandandah, 12 miles from Yackandandah ..	·61	·61	·61
Gundowring Road	Parishes of Tangambalanga and Gundowring ..	4·13	4·13	1·44	1·44
Dederang Road	Parishes of Dederang ..	1·19	1·19	·87	·87
YARRAWONGA SHIRE—	Wangaratta—Yarrowonga Road ..	At Bundalong ..	1·21	1·21	1·21
YEA SHIRE—	Upper Goulburn Road ..	Near Homewood ..	1·19	1·19	1·19
" "	" "	Near Triangle Road turnout and McCartney's ..	·24	·24	·24
" "	" "	100-ft. long R.C. bridge over Yea River, Yea ..	·02	·02	·02
Yea—Glenburn Road ..	Near Webb Wares' Lane ..	1·29	1·29	1·29	1·29
" "	" "	Near Glenmore ..	·13	·13	·13
" "	" "	Forming, grading, gravelling, &c., on each side of Devlin's Bridge ..	·44	·44	·44
	Total	134·65	139·49	158·55	173·92

PARTICULARS OF SURVEYS, ETC., ON ROADS DECLARED MAIN ROADS, ETC.—*continued.*

Name of Municipality and Road.	Locality of Works.	Lengths of Roads—			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER DIRECT SUPERVISION OF THE BOARD.					
ARARAT SHIRE— Ballarat-Hamilton Road ..	Construction of steel and concrete superstructure over Fiery Creek, near Streatham	'01	'01	'01	'01
AVOCA SHIRE— Maryborough Road ..	Construction of R.C. bridge, one mile east of Avoca	'01	'01	'01	'01
" " ..	Construction of superstructure to three bridges	..	'01	'01	'01
BELLARINE SHIRE— Geelong-Queenscliff Road ..	Record Survey—Geelong to Queenscliff ..	14'5	..	..	..
BUNGARIE AND BALLARAT SHIRES (Joint Works)— Ballarat-Creswick Road ..	Gravelling and bitumen surfacing .. ..	..	..	5'75 (Day labour)	5'75 (Day labour)
CRANBOURNE SHIRE— Main Coast Road ..	Construction of 3-span timber bridge over Lang Lang River	'01	'01	'01	'01
KILMORE SHIRE— Sydney Road ..	Reforming and surfacing with asphaltic macadam in Kilmore	..	1'55	1'55	1'55
" " ..	Sealing asphaltic macadam in Kilmore ..	..	..	..	(Day labour)
LILLYDALE SHIRE— Main Healesville Road ..	Clearing, forming, metalling and penetrating with bitumen between "The Grange" and Yaira River	1'56	1'56	1'56	1'56
" " ..	Construction R.C. bridge and approaches over Olinda Creek	'01	'01	'01	'01
" " ..	Construction R.C. bridge over Brushy Creek ..	'24	'24	'24	'24
Main Warburton Road ..	Construction R.C. bridge and approaches ..	'05	'05	'05	'05
LILLYDALE AND FERNTREE GULLY SHIRE— Mt. Dandenong and Olinda Roads	Clearing, forming and surfacing with bituminous macadam	..	'67	'67	'67
MORWELL SHIRE— Gonyah-Ryton Road ..	Reforming and metalling .. ..	..	1'29	1'29	1'29
NARRACAN SHIRE— Walhalla-Matlock Road ..	Clearing and forming .. ..	..	1'18	1'18	1'18
NEWHAM AND WOODEND SHIRE— Melbourne-Bendigo Road ..	Widening, forming and surfacing with asphaltic macadam	1'1	1'1	1'1	1'1
ORBOST SHIRE— Orbost-Delegate Road ..	Fencing .. ..	..	1'5	1'5	1'5
" " " ..	Construction of timber bridge and approaches ..	'01	'01	'01	'01
" " " ..	Clearing and forming .. ..	..	..	..	(Day labour)
Wangarabelle Road ..	Fencing .. ..	..	'77	'77	'77
OTWAY SHIRE— Porrest-Apollo Bay Road ..	Resheeting .. ..	..	'05	'05	'05
" " " ..	Widening at Mulgrane's	'42	'42	'42	'42
" " " ..	Spraying with bitumen and oil .. ..	..	..	..	(Day labour)
" " " ..	Widening and sidecutting	1'23	1'23	(Day labour)	(Day labour)
SEYMOUR SHIRE— Sydney Road ..	Surfacing with bituminous macadam in Seymour	..	1'34	1'34	1'34
SOUTH GIPPSLAND AND WOORAYL SHIRES— Boolarra-Foster Road ..	Reforming and metalling	'1	'1	'1	'1
TULLAROOP SHIRE— Eddington Road ..	R.C. culvert and gravelled approaches near Eddington	'02	'02	'02	'02
Natte Yallock Road ..	R.C. culvert	'02	'02	'02	'02
TULLAROOP, MALDON AND MARONG SHIRES— Eddington Road ..	Bridge and formation .. ..	..	'85	'85	'85
VIOLET TOWN SHIRE— Main Sydney Road ..	Construction of R.C. bridge over Honeysuckle Creek	'02	'02	'02	'02
WANGARATTA SHIRE— Peechelba Road ..	Fencing .. ..	..	'34	'34	'34
	Total	19'31	14'36	18'88	18'88

APPENDIX G.

COUNTRY ROADS BOARD.

PARTICULARS OF SURVEYS, ETC., ON HIGHWAYS DECLARED STATE HIGHWAYS UNDER THE PROVISIONS OF THE *HIGHWAY AND VEHICLES ACT* 1924, DURING THE YEAR ENDED 30th JUNE, 1929.

Name of Municipality and Name of Highway.	Locality of Works.	Lengths of Highways—			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER MUNICIPALITIES.					
BACCHUS MARSH SHIRE— Western Highway—Section 1 ..	Chainage 178,905–182,936 .. ..	.88	.88	.88	.88
.. ..	Chainage 155,714–167,350	2.21	2.21	2.21	2.21
KORONG SHIRE— Calder Highway—Section 2 ..	Bitumen surfacing near Bullabul Creek ..	..	..	..	1 Day labour
.. ..	Section 3 ..	..	..	..	1.7 Day labour
.. ..	Gravelling between Kurting and Glenalbyn ..	.62	.62	.62	.62
.. ..	Gravelling between Glenalbyn and Wedderburn ..	.34	.34	.34	.34
LAWLOIT SHIRE— Western Highway—Section 5 ..	Gravelling between Kaniva and Lawloit ..	..	.57	.57	.57
.. ..	Gravelling over Lawloit Hill	1.63	1.63	1.63	1.63
MILDURA SHIRE— Calder Highway	Between Carwarp and Hattah	9.7	9.7	4.8	4.8
OMBO SHIRE— Omeo Highway	At Heard's Gully .. ..	.56	.56	.56	..
.. ..	Northwards from Shady Creek .. ..	.95	.95	.95	.95
.. ..	At O'Brien's Hill .. ..	.56	.56	.56	..
.. ..	At Tambo Crossing .. ..	.36	.36	.36	.36
.. ..	Metalling at Tongio Gap	1.65	1.65	1.65	1.65
LOWAN SHIRE— Western Highway—Section 4 ..	Between Allotments 68 and 69 and Allotments 25A and 26, Parish of Balrootan ..	1.17	1.17	1.17	1.17
.. ..	Section 5 ..	..	..	..	..
.. ..	Between Allotments 48 and 48A and Allotment 47B, Parish of Kilmakatka ..	.76	.76	.76	.76
.. ..	Between Allotments 44 and 2, Parish of Kilmakatka ..	.69	.69	.69	.69
ORBOST SHIRE— Prince's Highway East	At Eastern approach to Wombat Creek Bridge ..	.2	.2	.2	..
.. ..	On both sides of Dinner Creek .. ..	.21	.21	.21	day labour
.. ..	At Irvine's Gully, about 1½ miles east of Orbost ..	.19	.19	.19	day labour
.. ..	At Eastern approach to Young's Creek Bridge ..	.12	.12	.12	day labour
STAWELL SHIRE— Western Highway—Section 3 ..	From Armstrong's to Great Western	4.61	4.61	4.61	4.61
.. ..	From Deep Lead to Stawell .. ..	.62	.62	.62	.62
TAMBO SHIRE— Omeo Highway—Section 1 ..	At Heard's Gully, 2 miles from Bruthen ..	.57	.57	.57	..
TOWONG SHIRE— Omeo Highway—Section 4 ..	At Tallandoon .. ..	.74	.74	.74	.74
.. ..	Section 3 ..	..	..	..	..
.. ..	At Granite Spur, 48 miles south of Tallangatta ..	3.57	3.57	3.57	3.57
.. ..	Bridge at Snowy Creek 47 miles south of Tallangatta ..	.02	.02	.02	.02
WALPEUP SHIRE— Calder Highway—Section 5 ..	In sections, parishes of Boulka and Woorneck ..	.53	.53	..	..
.. ..	Section 6	1.71	..	..	..
WIMMERA SHIRE— Western Highway—Section 3 ..	Re-sheeting east of Burnt Creek .. ..	..	1.14	1.14	1.14
.. ..	Re-sheeting west of Burnt Creek .. ..	..	.51	.51	.51
WYCHEPROOF AND SWAN HILL SHIRES— Calder Highway—Section 4 ..	Between Wycheproof and Sea Lake	1.5	1.5	1.5	1.5
.. ..	Section 5	2.7	2.7	2.7	2.7
	Total	39.37	39.88	34.45	35.46

UNDER DIRECT SUPERVISION OF THE BOARD.

AVON SHIRE— Prince's Highway East—Section 3 ..	Forming and gravelling between Stratford and Munro turnoff and between Sale and Montgomery ..	4.79	4.79	4.79	4.79
BACCHUS MARSH SHIRE— Western Highway—Section 1 ..	Widening, re-sheeting and surfacing with bituminous macadam between Melton and Deep Creek ..	.75	.75	day	labour
.. ..	Regrading, re-shaping and gravelling between Deep Creek and Anthony's cutting ..	..	1.25	day	labour
BAIRNSDALE SHIRE— Prince's Highway East—Section 3 ..	Survey	14	..	..	..
BALLAN SHIRE— Western Highway—Section 1 ..	Reinforced concrete bridge over Myrniong Creek ..	.01	.01	.01	.01
BALLAN, BUNGAREE AND BUNINYONG SHIRES— Western Highway—Section 1 ..	Widening, re-sheeting, surfacing with bituminous macadam and sealing between Gordon and Bungaree ..	5	5	day	labour
BALLARAT SHIRE— Western Highway—Section 2 ..	Widening, re-sheeting and surfacing with bituminous macadam between Ballarat and Burrambeet ..	8.85	8.85	8.85	8.85
	Carried forward	33.4	20.65	13.65	13.65

PARTICULARS OF SURVEYS, ETC., ON HIGHWAYS DECLARED STATE HIGHWAYS, ETC.—*continued.*

Name of Municipality and Name of Highway.	Locality of Works.	Lengths of Highways—			
		For which Permanent Surveys have been Made.	For which Plans have been Prepared.	For which Tenders have been Invited.	For which Tenders have been Accepted.
		Miles.	Miles.	Miles.	Miles.
UNDER DIRECT SUPERVISION OF THE BOARD— <i>continued.</i>					
	Brought forward	33·4	20·65	13·65	13·65
BERWICK SHIRE— Prince's Highway East—Section 1 ..	Reinforced concrete bridge over Toomuc Creek and approaches	·18	·18	·18	·18
" " " " " " ..	Widening and surfacing with asphaltic macadam	2·63	2·63	2·63	2·63
" " " " " " ..	Reinforced concrete culvert near Nar-nar-goon	·01	·01	·01	·01
" " " " " " ..	Reinforced concrete bridge over Ararat Creek and approaches	·23	·23	·23	·23
" " " " " " ..	Widening two timber bridges at Tynong	..	..	day	labour
" " " " " " ..	Clearing and deepening drains at Officer and Narre Warren	..	1·1	day	labour
" " " " " " ..	Repairing shoulders of road	..	·57	day	labour
" " " " " " ..	Spraying between Hallam and Dandenong	..	2·64	day	labour
" " " " " " ..	Construction in asphaltic macadam between Hallam and Narre Warren	1·44	1·44	day	labour
" " " " " " ..	Widening and sealing and metal approaches at Toomuc Creek bridge	..	1·54	day	labour
BROADMEADOWS SHIRE— Hume Highway—Section 1 ..	Reconstruction in asphaltic macadam, and sealing at Wallan	2·19	2·19	day	labour
" " " " " " ..	Spraying between Wallan and Bylands, Donnybrook and Bylands, and Campbellfield and Craigieburn	..	..	day	labour
" " " " " " ..	Reconstructing shoulders .. ..	..	·19	day	labour
BROADMEADOWS AND SKYMOUR SHIRES— Hume Highway—Section 1 ..	Construction in asphaltic macadam and sealing between Broadford and Tullaroak	7·7	7·7	day	labour
CHARLTON SHIRE— Calder Highway—Section 3 ..	Forming and gravelling at Teddywaddy ..	3·96	3·96	3·96	3·96
DANDENONG SHIRE— Prince's Highway East—Section 1 ..	Sealing between Spring Vale and Dandenong	..	·01	3·75	3·75
" " " " " " ..	Reinforced concrete culvert 1 mile west of Dandenong	·01	·01	·01	·01
EUROA SHIRE— Hume Highway—Section 2 ..	Reinforced concrete bridge over Castles Creek near Euroa	·28	·28	·28	·28
" " " " " " ..	Bridge over Faithful Creek ..	·01	·01	·01	·01
HAMPDEN SHIRE— Prince's Highway West—Section 3 ..	Reforming and surfacing with bituminous macadam between Camperdown and Terang	5·42	5·42	5·42	5·42
HUNTLY SHIRE— Northern Highway—Section 1 ..	Two bridges and forming over Yankie and Sandy Creeks	·26	·26	·26	·26
" " " " " " ..	Forming, reforming and gravelling	5·02	5·02	5·02	5·02
" " " " " " ..	Clearing and forming Bagshot Deviation ..	..	..	·83	·83
KILMORE SHIRE— Hume Highway—Section 1 ..	Improving junction of highway and the Heathcote-Bendigo Road	..	..	day	labour
KYNETON SHIRE— Calder Highway—Section 1 ..	Clearing and forming	1·23	1·23	1·23	1·23
KYNETON AND METCALFE SHIRES— Calder Highway—Section 1 ..	Widening, re-sheeting, surfacing with asphaltic macadam and sealing at Mahmsbury	10·7	10·7	day	labour
MARONG SHIRE— Calder Highway—Section 2 ..	Forming and surfacing with asphaltic macadam at Specimen Hill	10	1·21	1·21	1·21
MELTON SHIRE— Western Highway—Section 1 ..	Widening, re-sheeting, surfacing with bituminous macadam and sealing between Deep Creek and Melton	..	4·35	day	labour
METCALFE SHIRE— Calder Highway—Section 1 ..	Reinforced concrete culvert	·01	·01	·01	·01
NARRAGAN SHIRE— Prince's Highway East—Section 2 ..	Widening, reforming and surfacing with bituminous macadam between Trafalgar and Moe	5·62	5·62	5·62	5·62
" " " " " " ..	Reforming and sanding	3·82	3·82	3·82	3·82
" " " " " " ..	Widening and surfacing with asphaltic macadam	5·17	5·17	5·17	5·17
NEWSTEAD AND MOUNT ALEXANDER SHIRE— Calder Highway—Section 1 ..	Reinforced concrete culvert at Tunnel Hill, Chewton	·01	·01	·01	·01
PORTLAND SHIRE— Prince's Highway West—Section 5 ..	Clearing, forming and limestone metalling ..	15·6	15·6	15·6	15·6
ROCHESTER SHIRE— Northern Highway—Section 1 ..	Two cell reinforced concrete culvert and gravelled approaches	·02	·02	·02	·02
SEYMOUR SHIRE— Hume Highway—Section 1 ..	Forming and gravelling	5·28	5·28	5·28	5·28
" " " " " " ..	Two culverts and approaches near Mangalore ..	·05	·05	·05	·05
SEYMOUR AND BROADFORD SHIRES— Hume Highway—Section 1 ..	Construction in asphaltic macadam and sealing between Broadford and Tullaroak	7·7	7·7	day	labour
STAWELL SHIRE— Western Highway—Section 3 ..	Construction of a drain at Dadswell's	1·26	1·26	1·26	1·26
" " " " " " ..	Clearing and forming	2·41	2·41	2·41	2·41
" " " " " " ..	Reforming	·55	·55	·55	·55
" " " " " " ..	Reinforced concrete culvert and forming and gravelling	·02	·02	·02	·02
TRARALGON SHIRE— Prince's Highway East—Section 2 ..	Two reinforced concrete culverts and approaches near Traralgon	·02	·02	·02	·02
" " " " " " ..	Reinforced concrete bridge near Flynn ..	·01	·01	·01	·01
WANGARATTA SHIRE— Hume Highway—Section 3 ..	Clearing and forming at Springhurst ..	·97	·97	·97	·97
WERRIBEE SHIRE— Prince's Highway West—Section 1 ..	Widening in gravel	1·53	1·53	1·53	1·53
" " " " " " ..	Widening in asphaltic macadam	2·2	2·2	day	labour
WIMMERA SHIRE— Western Highway—Section 3 ..	Grading and gravelling between Horsham and Stawell	1·7	1·7	1·7	1·7
" " " " " " ..	Forming and gravelling near Dadswell's Bridge	·87	·87	·87	·87
" " " " " " ..	Forming and constructing a sand-clay road ..	·4	·4	·4	·4
WINCHELSEA SHIRE— Prince's Highway West—Sections 1 and 2 ..	Widening, re-sheeting and surfacing with bituminous macadam and asphaltic macadam	3·8	3·8	3·8	3·8
Prince's Highway West—Sections 1 and 2 ..	Sealing from Armitage's turnoff to the Winchelsea-Colac shire boundary	..	4·7	day	labour
WODONGA SHIRE— Hume Highway—Section 3 ..	Erection of guard fencing at Wodonga ..	..	·09	·09	·09
	Total	143·69	137·33	87·89	87·89

APPENDIX H.

COUNTRY ROADS BOARD.

MAIN ROADS.

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED AND ROADS MAINTAINED DURING THE YEAR ENDED 30TH JUNE, 1929.

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES.				
ALBERTON SHIRE—				
Balook-Traralgon Road ..	.. .. .	General maintenance from J. McKenzie's to Balook	..	3·7
Carrajung-Gormandale Road ..	Gravelling at Willung South ..	Re-sheeting and bitumen and tar sealing between Yarram and North Devon	·65	1·8
Foster-Yarram Road ..	Metalling, near Alberton ..	General maintenance ..	1·2	15·7
Sale-Yarram Road ..	Metalling, near Yarram ..	General maintenance from Shire boundary to Alberton	..	8
" " ..	.. .. .	Bitumen and tar sealing between Yarram and Buckley's Corner	·6	2·7
" " ..	.. .. .	General maintenance between Yarram and Monkey Creek	..	28
Yarram-Boolarra Road ..	.. .. .	General maintenance, Yarram to Madalya ..	..	16
Yarram-Port Albert Road ..	.. .. .	Re-sheeting and tar sealing, Yarram to Alberton	..	3·5
Yarram-Won Wron Road ..	.. .. .	General maintenance remainder of road ..	..	3·5
	.. .. .	General maintenance, Sale-Yarram Road to Carrajung-Gormandale Road	..	5·5
ALEXANDRA SHIRE—				
Cathkin-Mansfield Road ..	.. .. .	General maintenance ..	..	14·5
Healesville-Alexandra Road ..	.. .. .	Bitumen sealing ..	..	1·12
Upper Goulburn Road ..	.. .. .	General maintenance ..	..	16·88
Yarck Road ..	Forming and construction of bridges	General maintenance ..	..	25
	.. .. .	General maintenance ..	·5	2·5
ARAPILES SHIRE—				
Horshan-Hamilton Road ..	At Brimpaen, opposite Allotments 35 and 36, Parish of Mockinya	.. .. .	·76	..
ARARAT BOROUGH—				
Ballarat-Stawell Road ..	.. .. .	Full length of road within Borough of Ararat ..	..	3·3
ARARAT SHIRE—				
Ararat-Elmhurst Road ..	.. .. .	Reforming and general repairs by Patrol Gang for whole length	..	3
Ararat-Warrnambool Road ..	.. .. .	Bitumen coat at Lake Bolae end and general repairs by Patrolman for whole length	..	2
Maroona-Glenhompson ..	.. .. .	Gravel work at Kiara Lake and general repairs by Patrol Gang for whole length	..	·95
Ballarat-Hamilton Road ..	.. .. .	Bitumen coat between Westmere and past Lake Bolae, and general repairs by Patrol Gang for whole length	..	6
AVOCA SHIRE—				
Ararat Road ..	.. .. .	General maintenance ..	..	8
Ballarat-St. Arnaud Road ..	.. .. .	General maintenance ..	..	25
Bealiba Road ..	.. .. .	General maintenance ..	..	10
Maryborough Road ..	.. .. .	General maintenance ..	..	4
Landsborough Road ..	.. .. .	General maintenance ..	..	2
AVON SHIRE—				
Maffra-Sale Road ..	.. .. .	General repairs ..	..	2·5
BACCHUS MARSH SHIRE—				
Ballarat Road ..	.. .. .	Reconstruction, Main-street East. ..	..	·37
" " ..	.. .. .	Patrol, 167, 350-178, 305 ..	..	2·07
Gisborne Road ..	.. .. .	Reconstruction, Bacchus Marsh-Darley ..	..	1·11
" " ..	.. .. .	Gravelling, Colmadal Plains ..	..	·32
" " ..	.. .. .	Patrol ..	..	9·91
Geelong-Bacchus Marsh Road ..	.. .. .	Gravelling, Balliang East ..	..	1·67
" " ..	.. .. .	Patrol ..	..	7·8
BAIRNSDALE SHIRE—				
Bulumwaal-Tabberabbera Road ..	Forming and gravelling at Wy Yung	General maintenance ..	·77	16
Princes Highway ..	.. .. .	Gravelling and surfacing with bitumen ..	..	·3
" " ..	.. .. .	General maintenance ..	..	3
BALLAN SHIRE—				
Daylesford Road ..	.. .. .	Bitumen surfacing ..	..	1·5
" " ..	.. .. .	Re-sheeting ..	..	1·8
" " ..	.. .. .	General maintenance ..	..	11·7
Gordon-Meredith "A" Road ..	.. .. .	Re-sheeting and drainage and general maintenance ..	..	·25
Mount Wallace Road ..	.. .. .	Bitumen surfacing ..	..	1·5
" " ..	.. .. .	General maintenance ..	..	8·5
BALLARAT SHIRE—				
Ballarat-Lexton Road ..	.. .. .	Re-sheeting between corner Ballarat Common and Howitt-street to Shire boundary	..	1·04
" " ..	.. .. .	Re-sheeting, Ballarat Common ..	..	·97
" " ..	.. .. .	Re-sheeting from Junction corner to Pound Hill	..	·61
" " ..	.. .. .	Re-sheeting from Pound Hill to Learmonth..	..	1·24
" " ..	.. .. .	Bitumen surfacing ..	..	3·72
Ballarat-Maryborough Road ..	.. .. .	Re-sheeting from Junction to Blowhard ..	..	2·76
" " ..	.. .. .	General maintenance ..	..	12·5
BANNOCKBURN SHIRE—				
Geelong-Ballarat Road ..	.. .. .	Re-sheeting between Batesford and Bannockburn	..	1·3
Inverleigh Road ..	.. .. .	Re-sheeting short stretches ..	..	·7
Shelford-Bannockburn Road ..	.. .. .	Re-sheeting short stretches near Bannockburn	..	·2
BARRABOOL SHIRE—				
Anglesea Road ..	.. .. .	Generally throughout ..	..	17
Hendy Main Road ..	.. .. .	Generally throughout ..	..	10
BASS SHIRE—				
Almurta Road ..	.. .. .	General maintenance ..	..	5·2
Dalyston-Wonthaggi Road ..	.. .. .	General maintenance ..	..	1·75
Kornaburra-Wonthaggi Road ..	.. .. .	General maintenance ..	..	3
Main Coast Road ..	.. .. .	General maintenance ..	..	19
Inverloch-Wonthaggi ..	.. .. .	General maintenance ..	..	4
Wonthaggi-Loch Road ..	Forming and metalling	General maintenance ..	·62	11·25
		Carried forward..	5·1	381·19

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	5·1	381·19
BEECHWORTH SHIRE—		General maintenance		23
Beechworth Road		Rocky Point to Barwidgee Creek, Myrtleford		6
Bright Road		Everton—Gapsted	1	13
Everton—Myrtleford Road	5,000 feet of forming, &c., Taylor's Gap, Murrumgee			
Stanley Road		Stanley to Barwidgee Gap		4
BELFAST SHIRE—		Metalling and re-sheeting		2·25
Penshurst Road		Bitumen spraying		3·5
Hamilton Road		Metalling and re-sheeting		3·2
"		Bitumen spraying		6·75
BELLARINE SHIRE—		Queenscliff boundary to Fenwick Bridge, grading water tables, reforming and blinding road with gravel		7
Geelong—Queenscliff Road		Curlewis Station to Drysdale Post Office, grading water tables, reforming road and blinding with gravel and generally throughout		3·5
Geelong—Portarlington Road				
BENALLA SHIRE—		Bitumen surfacing and general maintenance		2
Sydney Road (Township section)		General maintenance		12
Goorambat Road		General maintenance		13
Goorambat—Thoono Road		General maintenance	·33	22
Benalla—Mansfield Road	Bridge and approaches at Back Creek, Lima			
Greta Road		General maintenance		1·5
Lima Road		General maintenance		4
BERWICK SHIRE—				
Woori Yallock—Pakenham—Koo-wee-rup	Reforming and metalling south from Cockatoo		·44	
Woori Yallock—Pakenham—Koo-wee-rup		Bituminous surfacing		5
Woori Yallock—Pakenham—Koo-wee-rup		General maintenance		18·5
Gembrook Road		Bituminous surfacing		1·3
"		General maintenance		4·2
Hallam—Emerald Road		General maintenance		4·7
Nar-Nar-Goon—Longwarry Road		General maintenance		11·25
BET BET SHIRE—		Metalling in Main-street, Bealiba		·32
Avoca—Bealiba Road		Metalling near Junction with Bealiba Road		·21
Dunolly Road				
BIRCHIP SHIRE—		Repairing formations and gravelling	·78	4·47
Donald—Birchip—Sea Lake Road	6 miles south of Birchip	General maintenance		2
Beulah—Birchip—Wycheproof Road				
BLACKBURN AND MITCHAM SHIRE—		General maintenance		4
Main Healesville Road				
BORUNG SHIRE—		Generally throughout		18
Hopetoun Road	Between Allotments 19, 23, 25, 24, 22, 20, Parish of Werrigar	Generally throughout	1	18
Rainbow Road		Generally throughout		13
Minyip Road		Generally throughout		7·5
Dimboola Road		Generally throughout		14
Birchip Road				
BRAVBROOK SHIRE—		Between tram terminus and Albion Railway gates		3·35
Ballarat Road				
BRIGHT SHIRE—		General maintenance, scarifying, re-sheeting and rolling		20
Bright Road		General maintenance		16
Harrietville Road		Tullamarine		1·22
BROADMEADOWS SHIRE—		General maintenance between Coburg boundary and start of Hume Highway		2
Lancefield Road				
Sydney Road		General repairs between Tullamarine and Clarkefield		11
BULLA SHIRE—		Bitumen surfacing between Tullamarine and Clarkefield		4
Melbourne—Lancefield Road		Re-sheeting and general maintenance from Melbourne—Lancefield Road to Sunbury Township		2·75
Melbourne—Lancefield Road		From Sunbury Township to Calder Highway		·75
Sunbury Road		General maintenance		1
Gap Road		General maintenance		6
BULN BULN SHIRE—		General maintenance		8
Bloomfield Road		General maintenance	·75	11·5
Longwarry—Drouin Road		General maintenance		5·5
Main Neerim Road "A"		General maintenance		16
Main Neerim Road "B"	Re-sheeting from Allotment 66, to Allotment 61, Parish of Neerim	General maintenance		4
Main Neerim Road "C"		General maintenance		1
Main South Road		General maintenance		8
Neerim East Road		General maintenance		
Princes Highway (Drouin Township)		General maintenance		
Westernport Road		General maintenance		
BUNGAREE SHIRE—		General maintenance		6·75
Ballarat—Daylesford Road				
BUNTING SHIRE—		Bitumen penetration work at Elaine		·46
Geelong—Ballarat Road		Dragged and re-conditioned near Elaine		2·3
"		General patrol work, repairing pot holes, &c.		18·5
"		General patrol work, repairing pot holes, &c.		4
Elaine—Mt. Mercer Road		General patrol work, repairing pot holes, &c., and dragging road		14
Ballarat—Rokewood Road				
CASTLEMAINE BOROUGH—		Re-sheeting with bitumen		·06
Melbourne—Bendigo Road				
CHARLTON SHIRE—		Three small sections of re-sheeting west from Charlton	·67	·35
Donald Road	Forming, gravelling and metalling 5½ miles west of Charlton	Grading up earth formations	·53	10
St. Arnaud Road	Forming and gravelling 1 mile south of Charlton			
CHELSA CITY—		Patching road and repairing sides where broken very badly		
Point Nepean Road				
CHILTERN SHIRE—		General maintenance		6·65
Chiltern—Howlong Road		General maintenance		6·9
Rutherglen—Wodonga Road		General maintenance		2·1
Sydney Road				
CLUNES BOROUGH—		Reconditioning with gravel and metal		·75
Maryborough—Ballarat Road				
COHUNA SHIRE—		Bitumen surfacing in Town of Cohuna		1·61
Murray River Valley Road		General maintenance		5·48
"		General maintenance		·95
Cohuna—Leitchville Road		General maintenance		2·84
Keely's-lane Road				
		Carried forward	10·6	840·11

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
<i>UNDER MUNICIPALITIES—continued.</i>				
COLAC SHIRE—		Brought forward	10·6	840·11
Colac-Ballarot Road		General maintenance .. ..	..	23
Colac-Ballarot Road	Between Colac and Beech Forest	.. ..	3	..
CORIO SHIRE—		General maintenance, Geelong to Batesford .. ..	..	4·5
Ballarat Road		General maintenance, Melbourne Road to Lara .. ..	..	7·62
Geelong-Bacchus Marsh Road				
CRANBOURNE SHIRE—		General maintenance .. ..	..	38
Main Coast Road		General maintenance .. ..	..	5·5
Koo-wee-rup-Pakenham Road		General maintenance .. ..	..	9
Westernport Road		General maintenance .. ..	..	4·17
Lang Lang-Nyora Road				
CRESWICK BOROUGH—		General maintenance throughout .. ..	..	2·5
Castlemaine-Ballarot Road				
CRESWICK SHIRE—		General maintenance .. ..	..	21
Castlemaine-Ballarot Road		General maintenance .. ..	..	12·38
Daylesford-Ballarot Road				
DANDENONG SHIRE—		Town of Dandenong .. ..	..	2·1
Princes Highway		Princes Highway to west Boundary Road .. ..	..	6
Cheltenham Road		Princes Highway south to Shire Boundary .. ..	..	6·5
Dandenong-Frankston Road				
DAYLESFORD BOROUGH—		General maintenance .. ..	..	·8
Ballan Road		General maintenance .. ..	..	·5
Ballarat Road		General maintenance .. ..	..	·4
Castlemaine Road		General maintenance .. ..	..	·5
Daylesford-Hepburn Road		General maintenance .. ..	..	7
Malmsbury-Daylesford Road				
DEAKIN SHIRE—		1 mile formation to east and 3 miles to west of Mt. Scobie .. ..	..	4
Rochester-Kyabram Road		¾ mile formation in various pieces, Parishes of Echuca North and South .. ..	..	·75
Echuca-Cornella Road		1 mile formation in various pieces, Parishes of Echuca North and Kanyapella .. ..	..	1
Echuca-Picola Road				
DIMBOOLA SHIRE—				
Rainbow Road	Near Ellam Station .. ..	.. ..	·78	..
.. ..		Re-sheeting between Tarranyurk and Antwerp .. ..	..	·19
.. ..		General maintenance .. ..	..	41·81
Warracknabeal Road		General maintenance .. ..	..	9·5
Rainbow Rises Road		General maintenance .. ..	..	6
Hopetoun-Rainbow Road		General maintenance .. ..	..	5
DONALD SHIRE—		General maintenance .. ..	..	12·36
Donald-Charlton Road		General maintenance .. ..	..	2·5
Donald-Minyip Road		General maintenance	1·23	16·5
St. Arnaud-Birchip Road	Forming and gravelling near Watchem			
.. ..	Forming and gravelling at Buloke		·33	..
DONCASTER "AND" TEMPLESTOWE SHIRE—				
Warrandyte-Ringwood Road	Holmes Gully deviation .. ..	.. ..	1·12	..
.. ..		General maintenance .. ..	..	3
Heidelberg-Warrandyte Road		General maintenance .. ..	..	9·75
Doncaster Road		General maintenance .. ..	..	6·2
DUNDAS SHIRE—				
Hamilton-Warrnambool Road		General maintenance in Parishes of South Hamilton and Croxton West .. ..	..	1·8
Hamilton-Dunkeld Road		General maintenance in Parishes of Warrayure and Moutajup .. ..	..	1·61
Hamilton-Port Fairy Road		General maintenance in Parish of Monivae .. ..	..	1·85
Hamilton-Portland Road		General maintenance in Parish of South Hamilton .. ..	..	·75
Hamilton-Horsham Road	Construction of 4 sections in Parishes of Bepcha and Cavendish		·94	..
DUNMUNKLE SHIRE—				
Stawell-Warracknabeal Road	2½ miles south of Rupanyup	Bitumen surfacing, south of Rupanyup	·4	1
.. ..	3 miles south of Rupanyup	Bitumen surfacing south-east of Minyip	·85	1·95
.. ..	3½ miles south of Rupanyup .. ..	.. ..	4·46	..
.. ..	8¼ miles south of Rupanyup .. ..	.. ..	·66	..
.. ..	2½ miles north of Rupanyup .. ..	.. ..	2·26	..
Rupanyup-Murtoa Road		Bitumen surfacing west of Rupanyup .. ..	..	1·3
Minyip-Donald Road		Reconstruction near Murtoa .. ..	..	·81
.. ..		Bitumen surfacing north-east of Minyip .. ..	..	·8
EAGLEHAWK BOROUGH—				
Mount Korong Road		West from Kirkwood-street .. ..	..	·11
EAST LODDON SHIRE—				
Dingee Road	Fronting Allotments 151 and 150, Parish of Talambe		·56	..
Prairie Road		Fronting Allotments 3 and 32, Parish of Talambe .. ..	..	·07
ECHUCA BOROUGH—				
Echuca-Wyuna Road	Forming and gravelling 1 coat from junction with Echuca-Cornella Road to Borough boundary		1	..
.. ..	From Railway crossing east	Bitumen penetration	·25	..
Echuca West Road	From Railway crossing west	Bitumen penetration	·25	..
ELTHAM SHIRE—				
Eltham-Yarra Glen Road	Between Shire boundary and Eltham	Between Eltham and Yarra Glen	2	20
Hurstbridge-Kinglake Road		Between Wattle Glen and Kinglake .. ..	..	16
EUROA SHIRE—				
Euroa-Arcadia Road	Formation and gravelling between Euroa and Miepoll, near McKenna's	General Repairs	·15	16
.. ..		General repairs .. ..	..	5
Arcadia Road		General repairs .. ..	..	15
Euroa-Mansfield Road		General repairs .. ..	..	16
Euroa-Strathbogie Road		General repairs	·76	5
Murchison-Shepparton Road	Formation and gravelling from Arcadia Road towards Shepparton			
Sydney Road (Township Section)		General repairs .. ..	..	1·5
FERNTREE GULLY SHIRE—				
Belgrave-Emerald Road		Belgrave to Emerald .. ..	..	6·73
Main Ferntree Gully Road		Wheeler's Hill to Belgrave .. ..	..	10·81
Monbulk Road		Belgrave to Monbulk .. ..	..	5
Olinda Road		Upper Ferntree Gully to Olinda .. ..	..	6·25
Emerald Road		Emerald to Avonsleigh .. ..	..	1·63
		Carried forward	31·6	1247·11

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	31·6	1247·11
FLINDERS SHIRE—				
Point Nepean Road		Melcars Hill		·42
"		Dromana Township		·4
"		Between Dromana and Rosebud		·5
"		"	·07	
"	Between Rosebud and Rye (Boneo drain, timber bridge, and approaches)			
"	Between Rye and Sorrento		2·52	
Mornington-Flinders Road		At Moats Corner		·12
Hastings-Flinders Road		East of Bittern		·76
FRANKSTON AND HASTINGS SHIRE—				
Point Nepean Road		Widening to 21 feet and bitumen penetration		2·47
"		General maintenance		8
Frankston-Flinders Road		Widening to 18 feet, waterbound macadam		1
"		Widening to 18 feet and bitumen penetration		·9
"		General maintenance		13
Dandenong-Frankston Road		General maintenance		5
GISBORNE SHIRE—				
Bacchus Marsh Road		General maintenance		·63
Gisborne Station Road		General maintenance		·19
GLENELG SHIRE—				
Mount Gambier Road	Forming and metalling near Moles			
"	Fogging and metalling, Cairns			
"	Deviation		1·55	
"	Timber bridge at Ardno			
Coleraine-Casterton Road		Metal sheeting and general maintenance		25
Dergholm Road		General maintenance		7
Wando Vale Road		General maintenance		22
Portland-Casterton Road		General maintenance		7
"		General maintenance		20
GLENLYON SHIRE—				
Ballan Road	Reinforced concrete culvert	General maintenance		4·5
Ballarat Road		General maintenance		3·5
Castlemaine-Daylesford Road		General maintenance		13
Daylesford-Hepburn Road		General maintenance		1
Mahnsbury-Daylesford Road	Reinforced concrete culvert	General maintenance		15·12
GOULBURN SHIRE—				
Goulburn Valley Road	Formation and sanding between Wahring and Murchison		4·5	
"		Hughes Creek to Nagambie		9·5
Murchison-Shepparton Road		Near Moorilin and Murchison		4
Avenel-Longwood Road		Near Locksley		·25
GRENVILLE SHIRE—				
Ballarat-Hamilton Road, Sec. A.		General maintenance throughout		10·5
Ballarat-Hamilton Road, Sec. B.	Concrete bridge at Scarsdale	General maintenance throughout		14
Pitfield Road, Section A		General maintenance throughout		2·7
Pitfield Road, Section B.		General maintenance throughout		10
Cressy Road		General maintenance throughout		9·5
Lismore Road		General maintenance throughout		10·4
HAMILTON TOWN—				
Coleraine Road		Bitumen painting		·50
"		Scarifying		·19
"		Patrol maintenance		1·33
"		Bitumen penetration and remetalling		·24
Ararat Road		Bitumen painting		·38
"		Bitumen penetration and remetalling		·21
"		Patrol maintenance		·89
Portland Road		Patrol maintenance		·5
Port Fairy Road		Patrol maintenance		·3
"		Bitumen painting		·17
Hamilton-Warrnambool Road		Patrol maintenance		·25
"		Bitumen surfacing		·2
HAMPDEN SHIRE—				
Camperdown-Ballarat Road		General maintenance		54
Lismore-Cressy Road		General maintenance		18
Terang-Mortlake Road		Re-sheeting and bitumen spraying and general maintenance		7
"		General maintenance		16
Caramut-Lismore Road		Reconstruction in bituminous macadam and general maintenance		2·75
HEALESVILLE SHIRE—				
Healesville-Alexandra Road		Between Healesville and Buxton		20
Marysville Road		Between St. Fillans and Marysville		6
Healesville-Woori Yallock Road		Between Healesville-Alexandra Road and Badger Creek		1·2
HEIDELBERG SHIRE—				
Heidelberg-Eltham Road		Scarifying, re-sheeting, bitumen penetration and sealing between Grange Road, Alphonington, and Darebin Creek Bridge		·68
"		Bitumen surfacing between Heidelberg Town and Plenty River		1·4
"		Widening roadway to 20 feet		·37
Greensborough-Hurstbridge Road		Scarifying, re-sheeting, and bitumen penetration between Sutherland Homes and Diamond Creek Deviation Road		3·8
"		Sheeting and bitumen surfacing between Diamond Creek Township and Shire boundary at Wattle Glen		2·35
"		Bitumen surfacing and general maintenance		1·19
Heidelberg-Warrandyte Road		Repairing and surfacing with bitumen		·47
HEYTESBURY SHIRE—				
Camperdown-Cobden Road		General maintenance		4·84
Princtown Road		General maintenance between Cobden and Port Campbell		25
HORSHAM BOROUGH—				
Hamilton Road		Surfacing with oil and bitumen		1·1
"		Bitumen penetration, double coat		·09
Western Highway (Township Section)		Surfacing with oil and bitumen		·37
Doon Road		Bitumen surfacing		·37
Dimboola-Horsham Road		Bitumen penetration, double coat		·14
"		Bitumen surfacing		·25
"		Tar surfacing		·15
Natimuk Road		Bitumen surfacing		·29
"		Tar surfacing		·15
HUNTLY SHIRE—				
Bendigo Echuca Road		Between South boundary of the Shire and Bagshot		8
"		Between Bagshot and Goornong		6
"		Between Avonmore and Elmore		4
		Carried forward	40·24	1668·75

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Work Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	40·24	1668·75
INGLEWOOD BOROUGH— Bendigo-Charlton Road		Bitumen surfacing south of Maryborough Railway line		1
		Gravelling north of Wedderburn Railway line		36
KARA KARA SHIRE— St. Arnaud-Donald Road		Between St. Arnaud North and Cope Cope		16
Navarre Road	At Paradise	Between St. Arnaud and Navarre	2	22
Charlton Road		Between St. Arnaud and Coonoor Bridge		11
Avoca-St. Arnaud Road		Between St. Arnaud and Redbank		22
KARKAROO SHIRE— Rainbow-Beulah-Birchip Road	East of Beulah		1·23	
	East of Kenmare		38	
Hopetoun-Woomelang-Sea Lake Road	Parish of Nyallo		47	
Hopetoun-Rainbow Road	At Hopevale		2·61	
KEILOE SHIRE— Melbourne-Bendigo Road		Between Essendon City boundary and commencement of Calder Highway		1
KERANG SHIRE— Koondrook Road		At Koondrook		1
KILMORE SHIRE— Heathcote Road		General maintenance		3·56
		General maintenance		2·99
(Joint work with Pyalong)				
Laucefeld-Kilmore Road		Metalling and gravelling, Foote-street Section		12
"		Gravelling in sections on Boundary Road between Shires of Kilmore and Romsey		35
"		General maintenance		1·29
"		General maintenance		2·28
(Joint work with Romsey)				
KOROIT BOROUGH— Koroit-Warnambool Road		Re-sheeting metalling		8
		Bitumen spraying		75
KORONG SHIRE— Borong-Hurstwood Road		Sanding or gravelling in detached sections		1·63
Charlton-Bendigo Road		Bitumen surfacing in High Street, Wedderburn		25
Serpentine Road		Gravelling northwards from Salisbury School		1·42
KORUMBURRA SHIRE— Korumburra-Warragul Road	Reservoir Hill (bitumen work)	Both ends of Reservoir Hill (Bitumen work)	1·14	1·3
Korumburra-Drouin Road	At Ranceby (Bitumen work)	At Ranceby (Bitumen work)	89	81
Korumburra-Leongatha Road		From Korumburra (Bitumen work)		1·51
Nyora-Poowong Road		At Poowong (Bitumen work)		1
KOWREE SHIRE— Booroopti Road	Near Morca and Mortat	General maintenance	98	13·5
Edenhope-Goroke Road		Near Edenhope and Maryvale		84
		General maintenance		27·16
Horsham-Hamilton Road	At Cherrypool	General maintenance	2	1
Hamilton-Edenhope-Apsley Road		General maintenance		39
KYNETON SHIRE— Daylesford Road		General maintenance		75
Redesdale Road		General maintenance		7
Melbourne-Bendigo Road		General maintenance		1·5
(Township Section)				
Trentham Road		Re-sheeting		13
		General maintenance		18
Tylden-Woodend Road		General maintenance		4
LAWLOIT SHIRE— Broughton Road	Metalling between Kaniva and Sandsmere	General maintenance	70	9·48
		Re-sheeting		42
Yearinga Road	Metalling between Kaniva and Yearinga	Re-sheeting	41	1·1
		General maintenance		8·6
South Lillimur Road		Re-sheeting		5
		General maintenance		6
Nhill-Kaniva-Border Road		Bitumen surfacing, &c.		5
LICH SHIRE— Shelford-Bannockburn Road		General maintenance		7
Inverleigh-Shelford Road		General maintenance		4·5
Crossy-Rokewood Road		Re-sheeting with gravel		75
		General maintenance		10·25
Werneth Road		General maintenance		3·25
Rokewood-Shelford Road		General maintenance		2·5
		Forming side track		5·25
Ballarat-Rokewood Road		General maintenance		8
Crossy-Inverleigh Road		Forming side track east from Hesse		4·7
"		Scarifying and reconditioning in gravel		6·5
"		General maintenance		2·5
(Joint work with Colac)				
LEXTON SHIRE— Avoca-Ararat Road		Between Amphitheatre and Elnhurst		1
Avoca-Ballarat Road		Between Lexton and Waubra		3
		Between Lexton and Avoca boundary		1
LILLYDALE SHIRE— Main Healesville Road	Between Lillydale and Coldstream		2·63	
Evelyn-Lillydale Road	From Mombulk junction towards Lillydale		83	
LOWAN SHIRE— Yanac Road		Between 8 and Water Reserve, Tarranginnie		25
"		Between 106 and 68, Yanac		33
"		Between 15B and Water Reserve, Tarranginnie		18
Lorquon West Road	Between 136 and 8, Tarranginnie		56	23
Goroke Road		Between 118 and Reserve, Woorak		17
MAFFRA SHIRE— Maffra-Sale Road		Between 11 and 10, 10A, Wintiam		38
		Opposite Allotments A and B, Section 2, Bundalagnah		1
Tinamba-Boisdale Road		Near Foster's Hill and Warriner's		1·33
MALDON SHIRE— Maldon-Eddington Road		Re-shaping, metalling, and gravelling and general repairs		12
Castlemaine-Maldon Road		Gravelling, repairing bridges and general repairs		9
Newstead Road		Gravelling, crossings, repairing bridge and filling holes		5
Baringhup Road		Gravelling, cleansing drains and filling holes		9
Castlemaine-Newstead Road		Gravelling, repairing bridge, and filling holes		1
MANSFIELD SHIRE— Mansfield-Tolmie Road		General maintenance over whole length		6
Euroa-Merton Road		General maintenance, whole length		4·4
Mansfield-Woods Point Road		General maintenance, whole length		20
Mansfield Road	At 24 miles west of Mansfield, on Merton Gap	General maintenance, whole length	36	36
		Carried forward	55·72	2068·22

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
<i>UNDER MUNICIPALITIES—continued.</i>				
		Brought forward	55·72	2068·22
MARONG SHIRE—				
Bendigo-Eddington Road	Re-sheeting between Laanecoorie and Eddington .. ..	.. ..	·75
" "	Re-sheeting and installation of pipe culverts at West Shelbourne .. ..	.. ..	·38
" "	Re-sheeting and culverts at East Shelbourne .. ..	.. ..	·2.
" "	Re-sheeting at Lockwood .. ..	.. ..	·9
Bendigo-Serpentine Road	Construction of flood crossing at Campbell's Forest .. ..	.. ..	·09
" "	Re-sheeting at Woodvale .. ..	.. ..	·6
MARYBOROUGH BOROUGH—				
Castlemaine Road	Pipe culvert and repairs generally .. ..	.. ..	·4
Eddington Road	General repairs .. ..	.. ..	·5
MELTON SHIRE—				
Toolern Road	Sheeting with maintenance metal, rolling and scarifying, patrol work .. ..	.. ..	6
METCALFE SHIRE—				
Kyneton-Redesdale Road	Two miles repaired with metal and gravel .. ..	.. ..	2
" "	Balance, general maintenance .. ..	.. ..	10
MILDURA SHIRE—				
Wentworth Road	Deakin Avenue to Abbotsford Railway	·36	·25
Irymple Road	15th Street to Ginquam Avenue	·8	..
Melbourne Road	Ginquam Avenue to McCracken's Crossing	·7	..
MILDURA TOWN—				
Deakin Avenue	From 14th Street to 10th Street .. ..	.. ..	1
Tenth Street	From Deakin Avenue to Langtree Avenue .. ..	.. ..	·08
Langtree Avenue	From 10th Street to Punt Road .. ..	.. ..	·42
Punt Road	From Langtree Avenue to Cureton Avenue .. ..	.. ..	·48
MINHAMITE SHIRE—				
Hamilton-Macarthur-Port Fairy Road	Bitumen surfacing .. ..	.. ..	3·84
MIRBOO SHIRE—				
Mirboo South Road	General maintenance, construction of subway .. ..	.. ..	9·5
" "	Bitumen painting .. ..	.. ..	·75
Mardan Road	General maintenance	3	5
Mirboo-Allambeec East Road	General maintenance .. ..	.. ..	6
" "	Bitumen painting .. ..	.. ..	·7
Leongatha-Mirboo Road	General maintenance .. ..	.. ..	4
Boolarra South-Mirboo Road	General maintenance .. ..	.. ..	4·5
Allambeec East-West Tarwin Road	General maintenance .. ..	.. ..	4·5
MOORABBIN SHIRE—				
Point Nepean Road	Re-surfacing with bituminous macadam northwards from Centre Dandenong Road .. ..	.. ..	·25
" "	Re-surfacing with bituminous macadam from Tuner Street to Wickham Road .. ..	.. ..	·5
" "	Re-surfacing with bituminous macadam from railway gates to South Road .. ..	.. ..	·21
" "	General maintenance .. ..	.. ..	2·12
Centre Dandenong Road	General maintenance .. ..	.. ..	2·9
MORDIALLOO CITY—				
Point Nepean Road	Maintenance (General) .. ..	.. ..	2·8
MORTLAKE SHIRE—				
Caramut-Lismore Road	Metal sheeting—Mortlake to Darlington .. ..	.. ..	2·41
" "	Bitumen spraying—Mortlake to Darlington .. ..	.. ..	3·5
" "	Metal sheeting—Mortlake to Hexham .. ..	.. ..	3·03
" "	Bitumen spraying—Mortlake to Hexham .. ..	.. ..	3·74
" "	Metal sheeting—Hexham to Caramut .. ..	.. ..	3·5
" "	Bitumen spraying—Hexham to Caramut .. ..	.. ..	1·63
Mortlake-Ararat Road	Metal sheeting .. ..	.. ..	1·79
" "	Bitumen spraying .. ..	.. ..	2·51
Mortlake-Warrnambool Road	Metal sheeting .. ..	.. ..	3·54
" "	Bitumen spraying .. ..	.. ..	4·19
Terang-Mortlake Road	Bitumen spraying .. ..	.. ..	1·66
MORWELL SHIRE—				
Boolarra-Welshpool Road	Metalling from Scanlon's to Aurisch's	1·8	10·5
Boolarra-Foster Road	General maintenance from Boolarra .. ..	.. ..	5
Jeeralang West Road	General maintenance throughout and restoration of culverts at Jeeralang junction .. ..	.. ..	17
Prince's Highway East (Township Section)	General maintenance throughout .. ..	.. ..	1·5
" "	Two-coat bitumen surface on metal section .. ..	.. ..	·8
MOUNT ROUSE SHIRE—				
Ballarat-Hamilton Road	Between Dunkeld and Glenthompson .. ..	.. ..	2·19
Hamilton-Dunkeld Road	Between Dunkeld and the 2-mile post .. ..	.. ..	·33
Hamilton-Penshurst Road	Bitumen surfacing between the 2 and 9 mile posts .. ..	.. ..	2·31
Penshurst-Caramut Road	Between Penshurst and the 14 mile post .. ..	.. ..	1·38
MULGRAVE SHIRE—				
Ferntree Gully Road	General maintenance and 1 mile reconstruction .. ..	.. ..	6
MCIVOR SHIRE—				
Kilmore-Heathcote-Bendigo Road	Provision of 3,000 cubic yards gravel .. ..	.. ..	3·12
" "	Grading and top dressing with gravel and general patrol work .. ..	.. ..	6
Heathcote-Elmore Road	Provision of 1,000 cubic yards gravel .. ..	.. ..	1
" "	Scarifying and shaping, and general patrol work .. ..	.. ..	6·4
Heathcote-Redesdale Road	General patrol work .. ..	.. ..	7
NARRACAN SHIRE—				
Prince's Highway (Townships of Yarragon, Trafalgar and Moe)	General maintenance .. ..	.. ..	1·5
Yarragon-Leongatha Road	General maintenance .. ..	.. ..	9
Trafalgar-Thorpdale Road	General maintenance .. ..	.. ..	9
Walhalla Road	General maintenance .. ..	.. ..	14
Trafalgar-Willowgrove Road	General maintenance .. ..	.. ..	2·5
Yarragon-Shady Creek Road	General maintenance .. ..	.. ..	4
NEWHAM AND WOODEND SHIRE—				
Lancefield Road	General maintenance .. ..	.. ..	..
Tylden Road	General maintenance .. ..	.. ..	..
NEWSTEAD AND MOUNT ALEXANDER SHIRE—				
Castlemaine-Daylesford Road	Gravelling .. ..	.. ..	1·03
" "	Tarring .. ..	.. ..	·91
Castlemaine-Maryborough Road	Gravelling .. ..	.. ..	1·25
" "	Tarring .. ..	.. ..	·53
Creswick Road	Gravelling .. ..	.. ..	·54
" "	Tarring .. ..	.. ..	·25
		Carried forward	62·38	2286·38

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	62.38	2286.38
NUMURKAH SHIRE—				
Numurkah-Nathalia Road ..		Gravelling and fencing, &c., Leaf's deviation ..	..	58
" " " " ..		Gravelling north from Walsh's bridge ..	..	..
Shepparton-Numurkah - Cobram Road ..		Metalling near Strathmerton Memorial ..	..	..
Nathalia-Kyabram Road ..		Gravelling near Saxton Estate ..	1.23	..
" " " " ..		Gravelling near Chull's ..	..	1.28
" " " " ..		Gravelling south from Deep Creek ..	..	.69
Murray Valley Road ..		Gravelling between Deep and Skelton Creeks..	..	.84
" " " " ..		Gravelling east of Ulupna School ..	..	.46
Nathalia North Road ..		Loaming between Wilson and Wilson ..	..	.15
" " " " ..		Loaming between Rendell and Hosken's ..	..	.25
Nathalia-Picola Road ..		Loaming between Doherty and Hosken's ..	..	.4
" " " " ..		Gravelling on creek opposite Nathalia Pit ..	..	.31
" " " " ..		Gravelling near Kinsey's ..	..	.63
OAKLEIGH CITY—				
Prince's Highway—Section 1 ..		Maintenance patching only ..	..	.27
" " " " 2 ..		Maintenance patching only ..	..	.07
" " " " 3 ..		Maintenance patching only ..	..	.23
" " " " 4 ..		Surface painted bitumen ..	..	.09
" " " " 5 ..		Maintenance patching only ..	..	.25
" " " " 6 ..		Maintenance patching only ..	..	.21
Ferntree Gully Road—Section 1 ..		Reconstructed asphaltic penetration macadam ..	..	.15
" " " " 2 ..		Maintenance patching only ..	..	.21
" " " " 3 ..		Surface painted bitumen ..	..	.12
OMEQ SHIRE—				
Benambra Road ..		Extension of Chong's Corner ..	1.11	12
ORBOST SHIRE—				
Prince's Highway, Orbost Township Section ..		Surface treatment with bitumen and general maintenance ..	..	1.32
Marlo Road ..		Gravelling from Granter's, South-easterly towards Marlo ..	1.29	9
Cann Valley Road ..		Widening and re-aligning between Miles's and McCoy's ..	1.51	29
Genoa Gipsy Point Road ..		General maintenance between Prince's Highway and the Border and construction of bridge ..	..	7
OTWAY SHIRE—				
Beech Forest Apollo Bay Road..		General maintenance ..	..	17.28
Gellibrand-Carlisle Road ..		General maintenance ..	..	10.93
Cobden-Port Campbell-Princetown Road ..		General maintenance ..	..	6
Forrest-Apollo Bay Road ..		General maintenance ..	..	13
" " " " ..		Re-sheeting near Apollo Bay ..	..	2
OXLEY SHIRE—				
Bright Road ..		Wilson's to Whorouly Creek ..	..	4
" " " " ..		Whorouly Central Section ..	1.3	25
Oxley Road ..		General maintenance between Wangaratta and Rocky Point ..	..	7
Greta Glenrowan Road ..		Wangaratta to Oxley ..	..	8
PHILLIP ISLAND SHIRE—				
Phillip Island Road ..		From Cowes Township ..	..	2
Newhaven Road ..		General maintenance ..	..	8
Ventnor Road ..		General maintenance ..	..	4.5
PORT FAIRY BOROUGH—				
Hamilton Road ..		Metalling and re-sheeting ..	..	1.4
Prince's Highway ..		Bitumen spraying ..	..	1.1
PORTLAND SHIRE—				
Portland-Hamilton Road ..		To Condah Township ..	..	22
" " " " ..		Half-a-mile south of Myamyn ..	..	20
PRESTON CITY—				
Whittlesea Road ..		Re-sheeting and penetrating ..	..	1.33
" " " " ..		General maintenance ..	..	1.34
Epping Road ..		General maintenance ..	..	1.45
PYALONG SHIRE—				
Kilmore-Heathcote-Bendigo Road ..		General maintenance, including bridge over Mollison's Creek and culvert at Fullard's ..	..	11.34
QUEENSLIFFE BOROUGH—				
Geelong Road ..		General maintenance, including bitumen treatment ..	..	3.5
RINGWOOD BOROUGH—				
Main Healesville Road ..		From Heatherdale Road to Burnt Bridge ..	..	3.25
Mount Dandenong Road ..		General maintenance ..	..	1.5
Ringwood-Warrandyte Road ..		Re-sheeting and penetrating ..	..	.8
" " " " ..		General maintenance ..	..	1.7
RIPON SHIRE—				
Ballarat-Hamilton Road ..		Patrol maintenance ..	..	16.25
" " " " ..		Re-sheeting Streatham section ..	..	1.6
" " " " ..		Re-sheeting Skipton section ..	..	.82
Skipton Road ..		Patrol maintenance ..	..	17.75
Ballarat-Ararat Road ..		Re-sheeting $4\frac{1}{2}$ miles from Beaufort ..	..	.85
" " " " ..		Re-sheeting at Lake Goldsmith ..	..	.9
ROCHESTER SHIRE—				
Timmering Road ..		Between Rochester and Deakin shire boundary ..	..	5.5
Rochester-Bamawun-Prairie ..		Between Rochester and Lockington ..	..	10
RODNEY SHIRE—				
Tatura-Byrneside-Kyabram Road ..		26 chains of bitumen penetration, east of Kyabram Patrol, patching and dragging ..	1	18
Mooroopna-Undera Road ..		Patrol patching and dragging ..	..	8
Shepparton-Tatura Road ..		29 chains bitumen penetration at Mooroopna Township—patrol patching and dragging ..	..	10
Tatura-Murchison Road ..		Contract 143 P/43, North of Murchison ..	1.52	13
Kyabram-Tongala Road ..		Patrol patching and dragging ..	..	1
Kyabram-Nathalia Road ..		Patrol patching and dragging ..	..	1
Shepparton-Tatura Road (joint work with Shepparton Borough) ..		Patrol patching and dragging ..	..	2
ROMSEY SHIRE—				
Melbourne-Lancefield Road ..		General maintenance throughout ..	..	15.85
Woodend-Lancefield Road ..		" " " "	5.62
Lancefield-Kilmore Road ..		" " " "	9.71
ROSEDALE SHIRE—				
Prince's Highway ..		General maintenance ..	..	.91
Traralgon-Gormandale Road ..		General maintenance ..	..	9.06
Willung Road ..		General maintenance ..	..	7.26
Carrajung-Gormandale Road ..		General maintenance and bridge repairs ..	..	.75
Sale-Yarram Road ..		General maintenance and bridge repairs ..	..	13.8
Seaspray Road ..		General maintenance ..	..	14.9
		Carried forward	73.34	2691.84

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	73·84	2691·84
RUTHERGLEN SHIRE— Yarrowonga Road (joint with Wangaratta Shire)	Forming and gravelling near O'Donoghue's and Kelly's, east of Ovens Bridge	General maintenance	·38	4·15
Chiltern-Howlong Road .. ..	.. .. .	General maintenance		1·25
Rutherglen-Wahgunyah Road .. ..	.. .. .	General maintenance		6·35
Springhurst-Rutherglen Road .. ..	.. .. .	General maintenance		7·3
Wodonga Road .. ..	.. .. .	General maintenance		10·35
Yarrowonga Road .. ..	.. .. .	General maintenance		10·25
SALE TOWN— Prince's Highway .. ..	.. .. .	Between Wurruk Bridge and Sale Post Office		1
Sale-Longford Road .. ..	.. .. .	Between Post Office and Swing Bridge		2·4
SEBASTOPOL BOROUGH— Ballarat-Rokewood Road .. ..	.. .. .	Bitumen penetration south from Ballarat City boundary		·53
" " " .. ..	.. .. .	General maintenance southwards to Bunhyong shire boundary		2
SEYMOUR SHIRE— Goulburn Valley Road .. ..	.. .. .	Repairing generally, reforming and rounding up made portions		8
Upper Goulburn Road .. ..	.. .. .	Rounding and re-forming made portions, cleaning out drains, &c.		7
Sydney Road .. ..	.. .. .	Filling ruts and cleaning drains		1
Seymour-Yea Road .. ..	.. .. .	Filling ruts and cleaning drains		·5
Avenel-Longwood Road .. ..	.. .. .	Carting gravel, filling ruts and holes, rounding up gravelled portions, &c.		1·8
SHEPPARTON BOROUGH— Shepparton-Numurkah Road .. ..	.. .. .	Northwards from Lighfoot Street		·25
" " " .. ..	.. .. .	From Nixon Street to Lightfoot Street		·32
" " " .. ..	.. .. .	Southwards from Sobraon Street		·25
" " " .. ..	.. .. .	From High Street to Sobraon Street		·27
" " " .. ..	.. .. .	Re-construction of Cutting Bridge		·1
SHEPPARTON SHIRE— Shepparton-Numurkah Road	4,720 lineal feet metalling	General repairs	·89	24
Shepparton-Nalliga Road	12,400 lineal feet gravelling, first coat	General repairs	2·35	18
		2 miles bitumen surfacing		2
SOUTH BARWON SHIRE— Barwon Heads Road .. ..	.. .. .	Scarifying, re-sheeting, and sealing between 5 and 6 mile posts		1
" " " .. ..	.. .. .	Sealing between 6½ and 7½ mile points		·5
" " " .. ..	.. .. .	Blinding		12·5
Prince's Highway .. ..	.. .. .	Re-construction between Barwon Heads Road and tram terminus		·76
SOUTH GIPPSLAND SHIRE— Foster-Yarram Road	Gravelling at McDonald's	General maintenance	·46	18
" " "	Gravelling at Steppes'	.. .. .	·54	..
Toora-Gunyah Road .. ..	.. .. .	Culvert in Stanley Street and general maintenance		10
Stony Creek-Dollar Road	Metalling Stony Creek to Carmichael's saddle	General maintenance	2·21	8
Falls Road	Gravelling near Synan's	General maintenance	·5	5
" " "	Gravelling to Whitelaw's Track	.. .. .	·68	..
Boolarra-Foster Road .. ..	.. .. .	General maintenance		12
Boolarra-Welshpool Road .. ..	.. .. .	General maintenance		3
ST. ARNAUD BOROUGH— Avoca-St. Arnaud Road .. ..	.. .. .	From Napier Street south to Borough boundary		·96
St. Arnaud-Donald Road .. ..	.. .. .	From St. Arnaud to St. Arnaud north		1·86
Navarre Road .. ..	.. .. .	From St. Arnaud to south boundary of borough		1
Charlton Road .. ..	.. .. .	General maintenance		1·3
STAWELL BOROUGH— Glenorchy Road	2,679 feet, gravel construction	Tarring	·5	·43
Ararat-Stawell Road .. ..	.. .. .	Re-tarring		·9
STAWELL SHIRE— Navarre Road	Green's Creek to Navarre	General maintenance	·2	12
" " " .. ..	.. .. .	Stawell to Navarre		1·39
Landsborough Road .. ..	.. .. .	Joel to Landsborough West		1·2
Marnoo Road	North of Marnoo	General maintenance—Stawell to Marnoo	1·94	20
Stawell-Glenorchy-Horsham Road	North of Glenorchy	General maintenance—Deep Lead to Glenorchy	1·62	10
Stawell-Warracknabeal Road	North-west of Glenorchy	General maintenance	1·86	10
Stawell-Grampians Road .. ..	.. .. .	General maintenance		16
STRATHFIELDSAYE SHIRE— Mandurang Road .. ..	.. .. .	Re-sheeting		·92
Strathfieldsaye Road .. ..	.. .. .	Re-sheeting		·85
Bendigo-Heathcote Road .. ..	.. .. .	Re-sheeting		1·65
SWAN HILL SHIRE— Swan Hill Road	Between Pental and Tresco	Surfacing south from Swan Hill	3·97	2·5
Euston Road	Between Tyntynder and Narrung	At Swan Hill and Beresford	3·18	2·1
TALBOT SHIRE— Maryborough-Ballarat Road .. ..	.. .. .	Between Talbot and Clunes		2
	.. .. .	Between Talbot and Tullaroop Shire boundary		1
TAMBO SHIRE— Mossface Road .. ..	.. .. .	General maintenance		2
Bruthen-Omeo Road .. ..	.. .. .	General maintenance		1
Bairnsdale-Bruthen Road .. ..	.. .. .	General maintenance		2
Nowa Nowa-Buchan-Gelantipy .. ..	.. .. .	Between Nowa Nowa and Buchan		8
TOWONG SHIRE— Omeo Road .. ..	.. .. .	Tallangatta Railway Station to Omeo Highway		1·5
Murray Valley Road .. ..	.. .. .	Ebden to Burrowye—General repairs		45
TRARALGON SHIRE— Prince's Highway East—(Township Section)	.. .. .	Maintained generally throughout		1·5
Traralgon-Gormandale Road .. ..	.. .. .	Two coats bituminous surfacing		·44
Traralgon-Jeeralang Road .. ..	.. .. .	Sanding on metal, and re-sheeting gravelled sections		3
" " " .. ..	.. .. .	Two coats bituminous surfacing		·45
" " " .. ..	.. .. .	Tarring surface		·3
Callignee Road .. ..	.. .. .	Sanding over metal		4
	.. .. .	General maintenance		3·5
TULLAROOP SHIRE— Avoca Road .. ..	.. .. .	Re-conditioning and gravelling		2
Ballarat Road .. ..	.. .. .	General maintenance		·4
Castlemaine-Maryborough Road .. ..	.. .. .	Bitumen penetration		3
Eddington Road .. ..	.. .. .	General maintenance		4
Natte Yallock Road .. ..	.. .. .	General maintenance		·3
		Carried forward	94·62	3042·12

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	94·62	3042·12
TUNGAMAH SHIRE—				
Numurkah - Tungamah - Wilby Road	Between Allotments 18, 17, 17A, and 4, and 4A, Parish of Pelleubla	Parishes of Pelleubla, Tharanbeggia, Youarang, Youamite and Dunbulbalane	1·05	30·7
Yarrowonga-Cobram Road	Between Allotments 29 and 29A, and Allotments 26, 23, 23B, 70B, 71B, and 70C, Parish of Cobram	Parishes of Cobram and Booscy	·34	14·16
Cobram-Strathmerton Road	Between Allotments 5c and 6c, and 2b and 3b, Parish of Yarroweyah	Parishes of Cobram and Yarroweyah	·76	6·32
Cobram South Road		Between Parishes of Cobram and Yarroweyah		4·36
St. James Road	Between Allotments 16A and 2A, 15B and 3B, Parish of St. James	Between Parishes of Karrabumet, St. James, and Waggarandall	·66	8·98
UPPER MURRAY SHIRE—				
Corryong Road	Forming, grading, and metalling through Town of Corryong	Tarring through Town of Corryong	1·11	1·11
Tintaldra Road		General repairs		10
		General repairs		14
UPPER YARRA SHIRE—				
Warburton Road		General maintenance		16
Don Road		General maintenance		1
VIOLET TOWN SHIRE—				
Shepparton Road		General repairs		4
Violet Town-Dookie Road	Formation and gravelling south of Broken River	General repairs	14	2·7
Sydney Road		General repairs		2
WALPEUP SHIRE—				
Ouyen-Pinaroo Road	Metalling near Panitya	Re-sheeting between Murrayville and Carina	1·02	·28
"	Metalling through Cowangie	"	·26	
"	Metalling between Murrayville and Danyo	"	·35	
"	Forming near Panitya	Re-sheeting	·15	·25
WANGARATTA SHIRE—				
Beechworth Road		General maintenance		12
Wangaratta-Myrtleford Road		General maintenance		6
Yarrowonga Road		General maintenance		12
Rutherglen Road		General maintenance		2·5
WANGARATTA BOROUGH—				
Sydney Road		General maintenance		4·25
Beechworth Road		General maintenance		1
WANNON SHIRE—				
Coleraine-Harrow Road		Re-sheeting gravel over metal		1
"		General maintenance		34
Wannon Bridge Road		General maintenance		6
Hamilton-Casterton Road		General maintenance		15
"		Gravel sheeting over metal		2
"		Re-shaping after scarifying metal		·5
"		Blumen on re-sheeted road		1·1
WARANGA SHIRE—				
Murchison-Rushworth Road	Between Rushworth and Moora	Re-construction with gravel at Waranga	·47	·33
"		Balance of road—General maintenance throughout		15·7
Colbinabbin-Moora Road		Reconstruction at Moora		·57
"		Balance of road—General maintenance throughout		7·43
Elmore-Colbinabbin Road		Reconstruction between McTaggart and Runnymede		·57
"		Balance of road—generally throughout		10·43
Heathcote-Elmore Road	Between Toollen and Heathcote	Reconstruction near Myola	·38	1·29
Tatura Road		Balance of road—generally throughout		17·83
"		Generally throughout		·96
WARRAGUL SHIRE—				
Prince's Highway (Township Section)		General maintenance		1
Warragul-Leongatha Road		General maintenance		8
Warragul-Korumburra	Bituminous painting	General maintenance	1·75	15
Brandy Creek Road	Bituminous painting	General maintenance	3	7·5
Bloomfield Road		General maintenance		8
Darnum-Allambee Road		General maintenance		8
WARRNAMBOOL SHIRE—				
Caranut-Lismore Road		Sheeting and spraying at Caranut		2
Mortlake Road		Sheeting and spraying near Purnini		1
Garvoc-Laang Road		Sheeting near Laang		·75
Allansford-Nirranda Road		Sheeting and spraying, Mepunga East to Nullawarre		5·5
WERRIBEE SHIRE—				
Prince's Highway		Through Town of Werribee		·99
Geelong-Bacchus Marsh Road		Skirting Greeces, Bald Hill		2·37
WHITTLESEA SHIRE—				
Main Whittlesea Road	Pitching, metalling, and bitumen penetration from Heidelberg Shire boundary to Janefield		1·43	
"		Old surface patched and sprayed with colas, between Mason's Lane and Yan Yean Railway Station		2
"		General maintenance over balance		10·57
Whittlesea-Kinglake Road		General maintenance		10·56
Wallan Road		General maintenance, patching from Whittlesea Station to Shire boundary		5·75
Epping Road		General maintenance, tar painting from Preston boundary to Woodstock		10·5
WIMMERA SHIRE—				
Horsham-Hamilton Road (Joint with Arapiles)		Side track south from Borough boundary		·8
"		Re-sheeting metal between Borough boundary and Haven Hall		·25
"		Re-sheeting approaches, Bungalally Bridge		·03
"		Dragging and patching metal		1
Natinuk Road		Through Walmer Pre-emptive Right—re-sheeting metal		·32
"		Through Walmer Pre-emptive Right, shouldering metal		1·1
"		Through Walmer Pre-emptive Right, loaming shoulders		·75
"		Near Walsh's Dam, formed and sanded		·06
"		Raking in gravel, Quantong		1·62
Horsham-Wal Wal Road	Gravel construction east of Green Lake	Re-sheeting gravel deviation through Allotment 8, Drung Drung	·53	·22
"		Machine work on earth roads		3·35
		Carried forward	121·88	3410·43

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Work Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	121·88	3419·43
WINCHELSEA SHIRE—		Re-sheeting near "Studbrook" Bridge .. .. .	..	·19
Birregurra-Forrest Road		General maintenance .. .. .	..	10·
Lorne Road	Metalling, chainage 54,000 feet to 56,700 feet, Stony Creek Falls section	Re-sheeting at Deans Marsh	·51	·45
"	Metalling boat coat only, chainage 26,750 to 29,500, Hickey's Cutting	Re-sheeting at Lorne	·52	·66
"	Gravelling chainage, 6,000 feet to 10,800 feet, near Swayne's	General maintenance	·91	12
Prince's Highway (Township Section)		Bitumen surfacing .. .. .	..	1·4
WODONGA SHIRE—		Wodonga to Baranduda .. .. .	..	3·25
Wodonga-Yackandandah Road		In Wodonga Township .. .. .	..	·88
Tallangatta Road		In Wodonga Township .. .. .	..	2·03
Sydney Road		Ebden Railway Station to Mitta River .. .. .	..	1·1
Murray Valley Road		General maintenance .. .. .	..	·75
WONTHAGGI BOROUGH—		Re-sheeting .. .. .	..	·5
Wonthaggi-Korumburra Road		Re-sheeting near Shire boundary .. .. .	..	2
Loch-Wonthaggi Road		Full length .. .. .	..	9
WONTHAGGI BOROUGH—		Full length .. .. .	..	16·5
Wild Dog Valley Road	Near Meeniyah	Full length	·6	17·5
Inverloch-Leongatha Road		Full length .. .. .	..	13·5
Main South Gippsland Road		Full length .. .. .	..	13
Farmer's Road		Full length .. .. .	..	7
Leongatha-Yarragon		Full length .. .. .	..	12
Warragul-Leongatha Road		Full length	1·14	12·5
Mardan Road	Near Stony Creek	Full length .. .. .	..	2·5
Meeniyah-Stony Creek Road		Full length .. .. .	..	..
Lower Tarwin Road		Full length .. .. .	..	..
Inverloch-Wonthaggi Road		Full length .. .. .	..	..
WYCHEPROOF SHIRE—		West of Wycheproof	·85	·9
Birchip-Wycheproof Road	West of Wycheproof	East of Sea Lake	·51	..
Sea Lake-Ultima Road	East of Sea Lake	South of Sea Lake .. .. .	..	·78
Birchip-Sea Lake Road		South and west of Sea Lake .. .. .	..	·53
Woomelang-Sea Lake Road		General maintenance and small pipe culverts	·61	17
YACKANDANDAH SHIRE—		Earthworks and gravelling, Bartels Hill deviation, Parish of Yackandandah	1·44	22
Yackandandah-Wodonga Road		Earthworks and gravelling, Parishes of Tangambalanga and Gundowring	·87	21
Gundowring Road		Earthworks and gravelling, Parish of Dederang	·64	22·5
Dederang Road		Forming and gravelling at Bathuni	1·21	..
YARRAWONGA SHIRE—		Forming and gravelling at Bundalong South .. .. .	..	10
Wangaratta-Yarrowonga Road		General maintenance .. .. .	..	1·5
"		Bridge repairs and general maintenance	·91	1·5
Yarrowonga-Cobram Road		Forming and gravelling between Wilby and Shire boundary .. .. .	..	1·19
Yarrowonga-Rutherglen Road		Near Homewood .. .. .	..	·24
Tungamah-Wilby Road		Near Triangle Road turnoff, and at McCartin's .. .. .	..	·25
YEA SHIRE—		Gravelling Gardiner's Hill .. .. .	..	·14
Upper Goulburn Road		Gravelling near Fry's Gate	·02	..
"		100 feet, reinforced concrete bridge over Yea River, Yea .. .. .	..	·06
"		Bitumen construction, Yea Street .. .. .	..	1·29
"		Near Webb Ware's Lane .. .. .	..	·13
Yea-Glenburn Road		Near "Glenmore" .. .. .	..	·25
"		Station Street, Yea	·44	..
"		Forming, gravelling, &c., over each side of Devlin's Bridge .. .. .	..	..
		Total	132·86	3659·4
UNDER DIRECT SUPERVISION OF BOARD.				
ALBERTON SHIRE—		Generally throughout .. .. .	..	13·5
Boolarra-Welshpool Road		Construction of steel and reinforced concrete superstructure on bridge over Flery Creek at Streatham	·02	..
ARARAT SHIRE—		Construction of reinforced concrete bridge, 1 mile east of Avoca	·02	..
Ballarat-Hamilton Road		Construction of superstructure to 3 bridges	·06	..
AVOCA SHIRE—		Supply and delivery of gravel .. .. .	..	..
Maryborough Road		Supply and delivery of 4,150 cubic yards, gravel .. .. .	..	..
"		Supply and delivery of 3,400 cubic yards gravel .. .. .	..	..
BALLARAT SHIRE—		Supply of 300 cubic yards screenings .. .. .	..	..
Ballarat-Creswick Road		Sealing of asphaltic macadam (day labour) .. .. .	..	1·45
BALLARAT AND BUNGAREE SHIRES—		Gravelling and bitumen surfacing	5·75	..
Ballarat-Creswick Road		Construction of 3-span timber bridge over Lang Lang River	·02	..
BELLARINE SHIRE—		Supply of reinforced concrete pipes .. .. .	..	..
Geelong-Queenscliff Road		Supply of 245 cubic yards gravel	1·55	..
BRAYBROOK SHIRE AND FOOTSCRAY CITY—		Re-forming and surfacing with asphaltic macadam in Kilmore .. .. .	..	..
Ballarat Road		Carried forward	7·42	14·95
BROADFORD SHIRE—				
Sydney Road				
BUNGAREE AND BALLARAT SHIRES (joint works)—				
Ballarat-Creswick Road				
CRANBOURNE SHIRE—				
Main Coast Road				
HEALESVILLE SHIRE—				
Warburton-Narbethong Road				
KILMORE SHIRE—				
Sydney Road				

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Road.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER DIRECT SUPERVISION OF BOARD—<i>continued.</i>				
		Brought forward	7.42	14.95
LILLYDALE SHIRE— Main Healesville Road ..	Construction of reinforced concrete bridge and approaches .. ..	.. ..	.05	..
.. ..	Reinforced concrete bridges over Brushy and Olinda Creeks .. ..	.. ..	.24	..
.. ..	Clearing, forming, metalling and penetrating with bitumen between "The Grange" and Yarra River .. ..	.. ..	.36	..
LILLYDALE AND FERNTREE GULLY SHIRES— Mt. Dandenong and Olinda Roads ..	Clearing, forming, and surfacing with bituminous macadam .. ..	.. ..	.16	..
MANSFIELD SHIRE— Woods Point Road ..	.. ..	Generally throughout .. ..	..	40
MORWELL AND SOUTH GIPPSLAND SHIRES— Boolarra-Welshpool Road ..	.. ..	Greenwoods to south boundary of Shire .. ..	..	16.1
.. ..	.. ..	From Boolarra South to Gunyah Junction .. ..	.69	8.5
.. ..	Re-forming and metalling .. ..	.. ..	..	..
NARBACAN SHIRE— Walhalla Road ..	Clearing and forming	Generally throughout	1.26	12
NEWHAM AND WOODEND SHIRE— Melbourne-Bendigo Road ..	Widening, forming, and surfacing with asphaltic macadam .. ..	.. ..	.67	..
OMEQ SHIRE— Bright-Omeo Road ..	.. ..	Generally throughout .. ..	..	28
ORBOST SHIRE— Orbost-Delegate Road ..	Fencing .. ..	.. ..	2.04	..
.. ..	Construction timber bridge and approaches .. ..	.. ..	.02	..
.. ..	Fencing .. ..	.. ..	.77	..
OTWAY SHIRE— Forrest-Apollo Bay Road ..	.. ..	Re-sheeting .. ..	..	.05
.. ..	.. ..	Spraying with bitumen and oil .. ..	..	9
.. ..	.. ..	Supply of gravel .. ..	.42	..
.. ..	Widening at Mulgraves .. ..	.. ..	1.23	..
.. ..	Widening and side-cutting (day labour) .. ..	.. ..	..	..
SEYMOUR SHIRE— Sydney Road ..	Construction in bituminous macadam in Seymour .. ..	.. ..	1.34	..
SOUTH GIPPSLAND SHIRE— Boolarra-Welshpool Road ..	.. ..	Supply and delivery of 200 cubic yards granitic sand .. ..	..	..
SOUTH GIPPSLAND AND WOORAYL SHIRES— Boolarra-Foster Road ..	Re-forming and metalling .. ..	.. ..	.1	..
TOWONG SHIRE— Glen Wills-Granite Flat Road ..	.. ..	Generally throughout .. ..	..	31
TULLAROOP SHIRE— Eddington Road ..	Construction of reinforced concrete culvert near Eddington .. ..	.. ..	.02	..
.. ..	Construction reinforced concrete culvert and gravelled approaches .. ..	.. ..	.04	..
TULLAROOP, MALDON, AND MARONG SHIRES— Eddington Road ..	Bridge and formation at Eddington .. ..	.. ..	.85	..
UPPER YARRA AND ALEXANDRA SHIRES— Woods Point Road ..	.. ..	Generally throughout .. ..	..	30
VIOLET TOWN SHIRE— Sydney Road ..	Construction reinforced concrete bridge on Honeysuckle Creek .. ..	.. ..	.02	..
WANGARATTA SHIRE— Peechelba Road ..	Fencing .. ..	.. ..	.34	..
	Total .. ..	.. ..	18.04	189.6

APPENDIX J.

COUNTRY ROADS BOARD.

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED ON DEVELOPMENTAL ROADS DURING THE YEAR ENDED 30TH JUNE, 1929.

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
UNDER MUNICIPALITIES.						
ALBERTON SHIRE—						
Albert River Road	Forming and gravelling near Egan's	'25	'67	'67	'67	'67
Balook-Traralgon Road	Earthworks between Morris's and J. McKenzie's	2	'43	3'43	3'43	3'43
Carrajung-Balook Road	Metalling near Carrajung	'67	4'5	'67	'67	'67
Binginwarri-Albert River Road	8 miles north of Welshpool .. ..	..	1'5	1'5	1'5	1'5
Carrajung-Gormandale Road	Gravelling on Richmond Vale deviation	1	2'1	2'1	2'1	2'1
Lay's Road " " " "	Metalling at Carrajung	'2	..	..	..	..
Madalya Road	Metalling between Carrajung-Gormandale Road and Lay's house .. ..	..	1	1	1	1
The Ridge Road	From Vine's to J. Anderson's .. ..	..	2	2	2	2
Whitelaw's Track Road	Gravelling between Balook and Tarra Valley	3	3	3	3	3
ALEXANDRA SHIRE—						
Terip-Terip Road	Metalling near T. M. Thomas's	'12	'12	'12	'12	'12
ARAPILES SHIRE—						
Arapiles-Grassy Flat Road	Between Gobur turn-off and Terip .. ..	..	..	..	..	'84
Miga Lake-Gymbowen Road	At Grassy Flat, opposite Allotments 61A and 68, parish of Arapiles	1'40	..	..	..	..
AVOCA SHIRE—						
Maryborough-Natte Yallock Road	Between 6,163 ft. and 14,000 ft.	'47	'47	'47	'47	'47
BAIRNSDALE SHIRE—						
Hodges Estate Road .. ..	.. ..	4'18	..	1'96	1'96	1'96
Bairnsdale-Bengworden Road	Near Tom's Creek	'74	..	'74	'74	'74
Calulu-Boggy Creek Road	Clearing, forming and grubbing	2'08	2'3	2'08	2'08	2'08
Fernbank-Stockdale Road .. ..	.. ..	1'27	1'27	1'27	1'27	1'27
Bulumwaal-Tabberabbera Road	Near Dead Bull Creek .. ..	..	'75	'75	..	..
BASS SHIRE—						
Dalyston-Glen Forbes Road	From Milndab Post Office South .. ..	..	2'61	2'61	2'61	2'61
Glen Alvie Road	Two sections—linking up .. ..	..	'95	'95	'95	'95
Wonthaggi-Loch Road	North of Latta's contract between Glen Alvie and Krowera	'91	1'43	1'43	1'43	1'43
Kernot-Krowera Road	Opposite Crown Allotments 23, 23A, Parish of Jumbunna	'27	..	..	..	..
Korumburra-Wonthaggi Road	Between Carmichael's and Anthony's contracts	'42	..	..	'42	'42
BEECHWORTH SHIRE—						
Myrtleford-Yackandandah Road	Mudgegonga—near Appledore's	'7	..	'7	'7	'7
BENALLA SHIRE—						
Mollyullah-Tatong Road	11 miles south-east from Benalla	1'5	..	1'5	1'5	1'5
BERWICK SHIRE—						
Beaconsfield-Emerald Road	Through Allotments 140E and 140D, parish of Gembrook. Metalling	'76	'76	'76	'76	'76
" " " "	Constructing deviation through Allotments 17B, 9 and 8, Section E, Parish of Gembrook	1'06	1'06	1'06	1'06	1'06
" " " "	Fencing above deviation	1'96	1'96	1'96	1'96	1'96
" " " "	Reforming and filling on deviation through Allotments 17A and 16, Gembrook	'52	'52	'52	'52	'52
Tynong-Tonimbuk Road	Deviation through Allotment 77C, parish of Gembrook. Forming	'6	'6	'6	'6	'6
Upper Beaconsfield-Upper Pakenham Road	Reforming and filling on road south of Allotments 17A and 16, Parish of Gembrook	'43	'43	'43	'43	'43
BIRCHUP SHIRE—						
Berriwillock Road	East from Sea Lake Road	'57	..	..	..	..
Kinnabulla West Road	West from Kinnabulla Railway Station	'67	..	..	..	..
Watchupga Road	East from Watchupga Railway Station	'56	..	..	..	..
Curyo West Road	West from Curyo Railway Station .. ..	..	'45	'45	'45	..
BORUNG SHIRE—						
Lah West	Between Allotments 29 and 51C, Parish of Yellangip .. ..	..	..	..	'8	'8
Galaquil West Road	Between Allotments 1 and 20, Parish of Beulah, and Allotment 43, Parish of Willenabrina .. ..	..	..	..	'62	'62
" " " "	Between Allotments 1 and 21, Parish of Beulah, and Allotments 43 and 42, Parish of Willenabrina .. ..	..	..	..	'44	'44
" " " "	Allotment 42, Parish of Willenabrina .. ..	..	..	..	'29	'29
Boolite-Sheephills Road	East of Sheephills .. ..	..	..	..	'92	'92
Donald-Warracknabeal Road	Between Allotments 172 and 173 and Allotments 176 and 177, Parish of Werrigar .. ..	..	..	..	'75	'75
BRIGHT SHIRE—						
Happy Valley Road	Gravelling from peg 45,000 to 55,000—approximately 10 miles from Ovens Railway Station	1'9	1'9	1'9	1'9	1'9
Kiewa Valley Road	Forming and metalling from peg 38,300 to peg 45,300 feet and forming up to the shire boundary	1'35	..	..	1'73	1'73
BULLA SHIRE—						
Riddell Road	Near Sunbury, formation, pitching, metalling and fencing	1'24	..	..	..	..
Konagadera Road	Near Mickleham, pitching and metalling .. ..	..	..	'83	'83	'83
BULN BULN SHIRE—						
Jindivick-Neerim South Road	Clearing, forming, and fencing, and metalling, from a point opposite Crown Allotment 9B, to the Tarago River, Parish of Jindivick	2	..	..	2	2
Neerim South-Neerim East Road	Clearing, forming, and fencing from the south-western corner of Crown Allotment 75, to north-eastern corner of Crown Allotment 77C, Parish of Nilma	1'8	1'8	1'8	1'8	1'8
Torwood-Topiram Road	Reforming and sanding from the east boundary of Crown Allotment 25, to a point in Crown Allotment 27, Parish of Longwarry	2'6	2'6	2'6	2'6	2'6
BUNGAREE SHIRE—						
Bolworrath Road	From peg 00 to peg 12,300	1'13	..	2'38	2'38	2'38
CHARLTON SHIRE—						
Glenloth Road	Gravelling east from Glenloth	'62	..	..	..	..
Lake Marnal Road	Metalling 2 miles north from Charlton	'46	..	..	..	..
Yeungroon Road	Metalling south from existing gravelling .. ..	..	'42	'42	'42	'42
Buckrabanyule North Road	Gravelling north from the Buckrabanyule Railway Station	1'12	1'12	1'12	1'12	1'12
Wooroonook Road	Gravelling and metalling final section .. ..	..	'55	'55	'55	'55
	Carried forward	42'53	39'77	46'83	54'05	53'94

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
UNDER MUNICIPALITIES—<i>continued.</i>						
	Brought forward	42·53	39·77	46·83	54·05	53·94
COHUNA SHIRE—						
Murray River Valley Road ..	Gravelling at Gunbower, Leitchville, Wee Wee Rup and Cohuna	5·56	..	10·13	10·13	10·13
Cohuna-Leitchville Road ..	From end of gravel to Keely's Lane .. .. .	..	..	1·31	1·31	1·31
Keely's Lane Road ..	Formation to Keely's Lane	2·23	..	2·23	2·23	2·23
	Gravelling to Cohuna-Leitchville Road .. .. .	..	..	·76	·76	·76
	From end of metal to Cohuna-Leitchville Road .. .. .	..	..	1·23	1·23	1·23
Cohuna-McMillan's Road ..	To McMillan's School .. .. .	..	..	1·02	1·02	1·02
Gunbower Island Road (Jt. with Rochester) ..	At Gunbower .. .. .	..	..	·64	·64	·64
COLAC SHIRE—						
Colac-Forest Road ..	Between Boundary Creek and shire boundary	2·28	..	..	3·37	3·37
CORIO SHIRE—						
Little River-Ripley Road ..	Mount Rothwell	·47	..	..	..	..
CRANBOURNE SHIRE—						
Koo-wee-rup-Modella Road ..	Bayles towards Catani	1·75	·95	·95	·95	·95
Pearcedale Road ..	Between Frankston Road and Pearcedale .. .. .	..	1·89	1·89	1·89	1·89
DEAKIN SHIRE—						
Strathallan East Road ..	Between Allotments 18 and 42, 43, Echuca South	·62	·62	·62	·62	·62
Echuca-Wyuna Road ..	Between Allotments 54B, 55A1 and 54A, 63A and B, Echuca North	·51	·51	·51	·51	·51
	Between Allotments 1A, Kyabram, and 100, 101, 102, Kyabram East	1	1	1	1	1
Kyabram-Stanhope Road (Jt. Rodney Shire) ..	Commencing 1 mile east of Girgarre Railway Station	·47	·47	·47	·47	·47
Girgarre East Road ..	Commencing 1 mile west of Girgarre Railway Station	·55	·55	·55	·55	·55
DIMBOOLA SHIRE—						
Glenlee-Jeparit Road ..	Between Jeparit and Glenlee	·76	·76	·76	·76	·76
Albacutya Road ..	Near Glenlee	·64	..	..	..	..
	Deviation 1½ miles west of Albacutya	·27	·27	·27	·27	·27
DONALD SHIRE—						
Rich Avon Road ..	Opposite Rich Avon Estate and Broughton's	·76	·94	·94	·94	·94
Litchfield Road ..	Opposite Eyer's	·25	·76	·76	·76	·76
Watchem-Warracknabeal Road ..	Opposite Zimmer's .. .. .	..	·76	·76	·76	·76
Jeffcott Road ..	Opposite Coat's .. .. .	..	·63	·63	·63	..
Corack East-Donald Road ..	Half mile south of Corack Township .. .. .	..	·87	·87	·87	..
DUNDAS SHIRE—						
Kanawalla-Noske Road ..	Approximately 1½ miles north of Kanawalla Railway Station .. .. .	..	·44	·44	·44	·44
DUNMUNKLE SHIRE—						
Murtoa North Road ..	2½ miles north of Murtoa	·72	·72	·72	·72	·72
Banyena Road ..	From Banyena Siding southwards	·64	·64	·64	·64	·64
EAST LODDON SHIRE—						
Borung-Prairie Road ..	.. .. .	..	·27	..	..	..
ELTHAM SHIRE—						
Cottles Bridge-Strathewan Road ..	At Strathewan	1·16	1·16	1·16	1·16	1·16
Cottles Bridge Road ..	At Cottles Gully	·22	·22	·22	·22	·22
Yarra Glen-Kinglake East ..	From junction of Eltham-Yarra Glen Road going north	·7	·7	·7	·7	·7
EUROA SHIRE—						
Strathbogie Road ..	At Township of Strathbogie. Formation and gravelling	3·06	..	..	..	..
Merton-Strathbogie Road ..	Formation and gravelling near boundary of Shire of Mansfield	·5	..	..	..	·5
FERNTREE GULLY SHIRE—						
Emerald-Macclesfield Road ..	Between Avonsleigh and Macclesfield	·42	..	·42	·42	·42
Emerald-Monbulk Road ..	Between Monbulk and "Fairly Dell"	·57	..	·57	·57	·57
Lysterfield Road ..	Between Ferntree Gully and Lysterfield	·51	..	·51	·51	·51
Belgrave-Narre Warren Road ..	Near South Belgrave	·56	·56	·56	·56	·56
FLINDERS SHIRE—						
Bittern-Dromana Road ..	Near Moat's Corner	·36	..	..	·36	·36
	Bottom coat metalling through Warnecke's deviation	·31	..	..	·31	·31
	Bottom coat metalling through Buckley's deviation	·42	..	..	..	..
Brown's Road ..	Forming and loaming	·57	..	..	..	..
	Forming and loaming .. .. .	..	..	..	·76	·76
Boneo Road ..	Forming and metalling near Rosebud .. .. .	..	1·02	1·02	1·02	1·02
Red Hill Road ..	Forming and metalling near McSwain's .. .. .	..	·17	·17	·17	·17
GLENELG SHIRE—						
Merino-Struan-Tahara Road ..	Forming and metalling opposite Wilson's and Wise's	·7	..	..	..	..
	Forming and gravelling Millers Hill .. .. .	..	..	..	..	·25
Glenorchy Estate Road ..	Forming and gravelling near Crawleys	·22	..	..	..	..
	Forming and gravelling near McPhees .. .. .	..	..	..	..	·19
	Forming and gravelling opposite Block 10 .. .. .	..	·34	..	..	..
Dergohn-Elderslie Road ..	Forming and gravelling between Poolajelo and Elderslie	·95	..	..	..	..
GLENLYON SHIRE—						
Daylesford-Trentham Road ..	Bullarto towards Musk	·98	..	..	..	..
	Bullarto to Musk (final section) .. .. .	..	1	1	1	1
South Bullarto Road ..	Bullarto Railway Station via Brown's to Musk .. .. .	..	1·54	1·54	..	..
GORDON SHIRE—						
Barraport West Road ..	West from Barraport Railway Station	·61	..	..	..	..
Mologs-Pyramid Hill Road ..	South from Pyramid Township	·72	..	..	..	..
Boort-Marmal Road ..	West from Boort Township	·15	..	..	..	..
Boort-Durham Ox Road ..	East from Boort Township	·84	..	..	..	..
GREENVILLE SHIRE—						
Gillets Road ..	Full length of road, formed	1·93	1·93	1·93	1·93	1·93
HAMPDEN SHIRE—						
Cundare-Duverney Road ..	North and west of Allotment 1A and west of Allotment 26A, Parish of Wilgul South	·97	..	·97	·97	·97
Foxhow Road ..	South of Allotments 84, 89, 90 and 107, Parish of Corangamite	1·47	1·47	1·47	1·47	1·47
Berrybank-Werneth Road ..	North of Allotments 34A and 35A, Parish of Poliah North	·4	..	·4	·4	·4
HEALESVILLE SHIRE—						
Buxton-Marysville Road ..	Between Allotments 12A and 16 and Allotments 24 and 26, Parish of Buxton .. .. .	..	·26	·26	·26	·26
HEYTESBURY SHIRE—						
Ayresford Road ..	Metalling	·81	..	·62	·62	·62
	Metalling .. .. .	..	..	..	..	..
Devil's Gully Road ..	Fencing side lines through Coope's .. .. .	..	..	..	..	..
	Forming and grading through Coope's	1·22	..	1·22	1·22	1·22
	Forming and grading through Floyd's	1·32	..	1·32	1·32	1·32
	Forming and grading through Cole's	·14	..	..	..	..
	Bridge and approaches over Curdies River .. .. .	..	..	..	..	..
Eastern Creek Road ..	Forming and grading throughout	·57	..	..	..	..
Hawks Nest Road ..	Levelling and blinding stone barriers	1·27	..	..	..	..
Glenfyne West Road ..	Forming and metalling by McLennan's	·7	..	..	..	..
	Forming and metalling by Findlow's .. .. .	..	·68	·68	·68	·68
Kennedy's Creek Road ..	Gravelling Porter's Hill	·61	..	..	..	..
	Carried forward	87·95	63·87	93·67	104·15	103·48

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
<i>UNDER MUNICIPALITIES—continued</i>						
Brought forward		87·95	63·87	93·67	104·15	103·48
HEYTESBURY SHIRE— <i>continued.</i>						
South Ecklin Road	Metalling from Cobden-Cobrico junction .. .. .	.5	..	..	..	..
Timboon-Cowleys Creek Road	Metalling towards Lake Elingamite .. .. .	..	..	.56	.56	.56
Timboon-Terang Road	Gravelling through State Forest .. .. .	.15	..	.23	.23	.23
Timboon-Scott's Creek Road	Forming and grading deviation at Dixie	1·51	..	..	..	..
	Metalling	2·06	2·06	2·06	2·06	2·06
	Fencing side line through Dorey's .. .. .	..	..	..	..	..
HUNTLY SHIRE—						
Drumartin Road	Approximately 10 miles north-west of Elmore .. .. .	.5	.9	.9	.9	.9
Holmberg Road	Approximately 6 miles west of Elmore .. .. .	.5	.5	.5	.5	.5
KARA KARA SHIRE—						
Marnoo-St. Arnaud Road	At Mitche's Hill	2·03	2·01	2·01	2·01	2·01
Sandy Creek Road .. .. .	.. .. .	..	.12	..	..	..
Coonoor Road	At Coonoor West .. .. .	..	1·19	1·19	1·19	1·19
Swanwater Road	North of Swanwater Railway Station .. .. .	.59	.85	.59	.59	.59
KARKAROOC SHIRE—						
Hopetoun-Lascelles Road	Parish of Wiall .. .. .	.95	..	..	..	.95
Cambacanya Road	Near Hopetoun	1·23	..	..	..	1·23
Yarto-Patchewollock Road .. .. .	.. .. .	.66	..	..	..	.66
	At Willa .. .. .	.76	..	..	..	.76
Yarto Road	At Yarto .. .. .	.43	..	..	..	.43
	From Yarto Station	1·14	..	..	..	1·14
Rosebery East Road	Parish of Byanga .. .. .	.98	..	..	..	.98
KERANG SHIRE—						
Murrabit Road	Gravelling between Kerang and Westby	1·05	1·05	1·05	1·05	1·05
Murrabit West Road	Gravelling in Parish of Murrabit West	1	1	1	1	1
Murrabit-Myall Road	Gravelling in Parish of Murrabit West .. .. .	.58	.58	.58	.58	.58
Winlato Road	Forming in Parish of Boga	6·08	6·08	6·08	6·08	6·08
Murray River Valley Road .. .. .	.. .. .	2	2	2	2	2
KORONG SHIRE—						
Inglewood North Road	Forming, &c., in detached sections	2·26	2·26	2·26	2·26	2·26
Buckrabanyle South Road	Gravelling near Crown Allotment 31, Parish of Woosang .. .. .	.11	.11	.11	.11	.11
Wyhitella North Road	Gravelling near Crown Allotment 65, Parish of Buckrabanyle .. .. .	.39	.39	.39	.39	.39
Mysia East Road	Gravelling in detached sections .. .. .	.47	.47	.47	.47	.47
Kinypaniel Road	Gravelling near Crown Allotments 112 and 113, Parish of Kinypaniel .. .. .	.59	.59	.59	.59	.59
Wedderburn-Spring Hill Road	Metalling over Cnrwov's Hill and Galloway's Hill .. .. .	.9	2·1	2·1	.9	.9
KORUMBURRA SHIRE—						
Poowong-Olsen Road	At East Poowong .. .. .	.76	.76	.76	.76	.76
Timm's Road	From Tpoiram towards North Poowong	1·62	1·62	1·62	1·62	1·62
Loch-Nyora Road	From Lang Lang-Nyora Road	1	2·08	2·08	2·08	2·08
Brigg's Road	From Gravel Pit to Leongatha Road	1	1	1	1	1
Bena-Kongwak Road	At Bena, Kilcunda Road and Kongwak .. .. .	..	1·05	1·05	1·05	1·05
KOWREE SHIRE—						
Benayeo Road	Parishes of Benayeo and Tallageira	1·14	.76	.76	.58	.58
Edenhope-Natimuk Road	Parishes of Charam and Turaudurey	1·29	1·33	1·33	1·33	1·33
Elderslie Road .. .. .	.. .. .	..	1·3	1·3	.9	.9
Little Desert Road	North of Boorookpi	2·44	1·34	1·34	1·34	1·34
Minimay Road	In and near deviation Morea	2·14	1·84	1·84	2·16	2·16
Miga Lake-Gymbowen Road	Near Miga Lake and near Gymbowen .. .. .	.31	..	..	..	..
KYNETON SHIRE—						
Lagoon Road	Trentham Parish .. .. .	.52	..	..	..	..
Baynton Road	Parish of Paynton .. .. .	..	.11	.11	.11	.11
LAWLOIT SHIRE—						
Cove Estate Settlement Road	Gravelling between Lillimur and Cove Estate .. .. .	.9	..	.9	.9	.9
Little Desert Road	Metalling south of Kaniva	1·21	..	1·21	1·21	1·21
Serviceton North Road	Metalling north of Serviceton .. .. .	.78	..	.78	.78	.78
Miram Road	Gravelling north of Miram .. .. .	.19	..	.19	.19	.19
Lillimur South Road	Gravelling between Lillimur and Lillimur South .. .. .	.38	..	.38	.38	.38
Serviceton South Road	Gravelling between Serviceton and Serviceton South .. .. .	.21	..	.21	.21	.21
LILLYDALE SHIRE—						
Monbulk-Seville Road	At East Wandiu .. .. .	.56	..	..	.56	.56
(John's connexion)	.. .. .	.51	..	..	.51	.51
LOWAN SHIRE—						
Woorak Road	Between 11 and 10, Woorak .. .. .	.63	.63	.63	.63	.63
Netherby Road	Between 8A, 8B, and 7, Woorak .. .. .	.6	.6	.6	.6	.6
Diapur-Yanac Road	Between 42 and 26A, Lorquon .. .. .	.38	.38	.38	.38	.38
MAFFRA SHIRE—						
Bundalaguah Road	Between 39H and 39J, Bundalaguah .. .. .	.7	.7	.7	.7	.7
Maffra-Newry Road	Near Newry Mechanics .. .. .	.5	..	..	..	..
Mewburn Park	Opposite Allotments 26, 23, 10, Tinanimba	1·75	..	..	..	..
MANSFIELD SHIRE—						
Benalla-Mansfield Road	5 sections between 1·25 miles and 3·8 miles from south end of the declared road	2·21	2·21	2·21	2·21	2·21
.. .. .	One section from 4·16 to 4·93 miles from the south end of of the declared road .. .. .	..	.77	.77	.77	.77
Tolmie Road	Between Tolmie and Stewarts, 17 miles to 18 miles from Mansfield	1	1	1	1	1
.. .. .	Between 10 miles and 11·26 miles from Mansfield	1·26	1·26	1·26	1·26	1·26
MARONG SHIRE—						
Yarraberb Road	Raywood West .. .. .	.17	.17	.17	.17	.17
Bendigo-Serpentine Road	Yarraberb Homestead .. .. .	.24	.24	.24	.24	.24
MELTON SHIRE—						
Coburns Road	At Campbell's Forest .. .. .	..	2·84	2·84	2·84	2·84
Mt. Kororoit Road	From existing metal to Coimadai Road .. .. .	.43	.43	.43	.43	.43
Exford Road	From existing metal to Keilor Road .. .. .	.63	.63	.63	.63	.63
MILDURA SHIRE—						
Benetook South Road	Continuation of metal construction southward .. .. .	..	.41	.41	.41	.41
Benetook North Road	Between Benetook Railway Station and south boundary, Parish of Willah	5·25	12·9	12·9	5·25	5·25
Pirta South Road	Between Benetook Railway Station and Murray Valley Road .. .. .	..	9	9	1·2	1·2
Pirta North Road	Between Pirta Railway Station and south boundary, Parish of Yaramba	4	12·5	12·5	4	4
Merrinee South Road	Between Pirta Railway Station and Murray Valley Road	3·01	8·5	8·5	3·01	3·01
Merrinee North Road	Between Merrinee Railway Station and south boundary, Parish of Tarrango	3·7	11·7	11·7	3·7	3·7
Karawinna South Road	Between Merrinee Railway Station and Murray Valley Road	2·1	6·4	6·4	2·1	2·1
	Between Karawinna Railway Station and south boundary, Parish of Koleya	3·8	10·9	10·9	3·8	3·8
Carried forward		167·79	186·34	219·95	180·62	186·1

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
UNDER MUNICIPALITIES—<i>continued.</i>						
	Brought forward	167·79	186·34	219·95	180·62	186·1
MILDURA SHIRE—<i>continued.</i>						
Karawinna North Road	Between Karawinna Railway Station and Murray Valley Road	3	7·7	7·7	3	3
Werrimull South Road	Between Werrimull Railway Station and south boundary of Parish of Mallanbool	6·5	11·8	11·8	6·5	6·5
Werrimull North Road	Between Werrimull Railway Station and Murray Valley Road	2·6	6·6	6·6	2·6	2·6
Bambill South Road	Between Bambill Railway Station and south boundary of Parish of Kurnwill	3·72	9·25	9·25	3·72	3·72
Bambill North Road	Between Bambill Railway Station and Murray Valley Road	3·33	9	9	3·33	3·33
Yarrara South Road	Between Yarrara Railway Station and south boundary of Parish of Malloren	5	9·3	9·3	5	5
Yarrara North Road	Between Yarrara Railway Station and Murray Valley Road	4·4	9	9	4·4	4·4
Meringur South Road	Between Meringur Railway Station and south boundary of Parish of Malloren	6	10·3	10·3	6	6
Meringur North Road	Between Meringur Railway Station and Murray Valley Road	4·65	8	8	4·65	4·65
Brownport Road	Between River Murray and Carwarp Railway Station	·66	·66	·66	·66	·66
Colignan Road	Between Melbourne-Mildura Railway and River Murray	2·1	3	3	2·1	2·1
Red Cliffs South-East Road	Between Red Cliffs Township and Block 147	·36	2·5	2·5	·36	·36
Red Cliffs East Road	Between Township and Red Cliffs Pumping Station	·5	3	3	·5	·5
MINHAMITE SHIRE—						
Nardoo Road	Forming and grading west of Moyne River	1	..	..	..	..
Orford-St. Helens Road	Reinforced concrete bridge over Moyne River .. .. .	..	..	..	..	..
	Eastern portion along south side of Riordans. Forming and metalling	..	..	..	..	1·02
Condah-MacArthur Road	Myamyn road section, forming and gravelling	..	..	..	..	1·18
MIRBOO SHIRE—						
Mirboo-North Thorpdale Road	Sanding two sections	1·1	1·1	1·1	1·1	1·1
Darlimurla-Thorpdale Road	Earthworks through Needhams	·8	·8	·8	·8	·8
Mirboo-Yarragon Road	Metalling Jarvis' to boundary	3·25	3·25	3·25	3·25	3·25
Nieholls Road	Metalling through Griffith's	1	1	1	1	1
Berrys Creek Road	Metalling top course (Section 3)	2·2	2·2	2·2	2·2	2·2
Mirboo-Boolarra Road	Sanding bottom course (Section 2)	2·5	2·5	2·5	2·5	2·5
MORWELL SHIRE—						
Hazelwood Estate Road	Sanding from 151 to end peg	1·16	·37	·37	·37	·37
Tyers Road	Sanding in Parish of Tangil East	·41	..	..	..	..
Boolarra-Morwell Road	Sanding from Eel Hole Creek towards Boolarra (Hazelwood)	2·15	2·15	2·15	2·15	2·15
	Sanding from 8,900 peg to 110 peg beyond Yinnar .. .. .	..	·4	·4	·4	·4
Boolarra-Mirboo Road	Metalling from Shire boundary towards Boolarra	2·33	2·33	2·33	2·33	2·33
Thorpdale East Extension .. .. .	.. .. .	..	2	1·88	1·88	..
NARRACAN SHIRE—						
Moe-Yallourn Road	Forming, reforming and sanding from Allotments 5D to 4E, Parish of Narracan	4	4	4	4	4
Trafalgar South Connection	Reforming and sanding from Thorpdale-Trafalgar Road to Allotment 58, Parish of Narracan	1·06	1·06	1·06	1·06	1·06
Platina Road	Forming and clearing through Allotment 1, Parish of Moondarra	1	1	1	1	1
Thorpdale-Yarragon Road	Forming and fencing from Allotments 16 to 21, Parish of Moe	2·4	..	..	1·25	1·25
Coalville-Narracan Road	Forming through Allotment 106, Parish of Narracan	·5	·5	·5	·5	·5
Trafalgar-Willowgrove Road	Forming and loaming from Allotments 21 to 23, Parish of Neerim East, and from Allotments 14 to 11, Parish of Fumina	2·2	..	..	..	..
NEWHAM AND WOODEND SHIRE—						
Macedon Village Settlement Road	Extension eastwards of Macedon Village Settlement Road	·45	..	·45	·45	·45
Campaspe Road	Extension westwards from Woodend	·45	..	·45	·45	·45
NEWSTEAD AND MT. ALEXANDER SHIRE—						
Glengower-Joyce's Creek Road	Near Ports and at Mitchell's Lauc	·47	·47	·47	·47	·47
NUMURKAH SHIRE—						
Waaia South Road	Gravelling south from Waaia	1·41	..	..	..	..
Waaia North Road	Gravelling near Biggar's	1·14	..	..	..	..
"	Gravelling north of Parish boundary	·58	·58	·58	·58	·58
"	Gravelling between Tweedle and Cowan .. .. .	..	1·14	1·14	1·14	1·14
Wunghnu East Road	Gravelling east of existing gravel	·66	·66	·66	·66	·66
OMRO SHIRE—						
Bindi Road	North of Tambo Bridge .. .. .	..	1·37	1·37	1·37	1·37
Little River Road	From Reedy Creek Road extension northwards	1·88	·96	·96	·96	·96
Brookville Road	From Sheltons Gap extension easterly	1·4	..	..	..	..
Reedy Creek Road	In the Township of Ensay .. .. .	..	·1	·1	·1	·1
Swift's Creek East Road	Bridge over Tambo River .. .. .	..	·1	·1	·1	·1
Beloka Road	North of Sargent's Track	1·09	1·39	1·39	1·09	1·09
ORBOST SHIRE—						
Bete Bolong-Waygara Road	From Cumming's to Russell's	1·02	1·02	1·02	1·02	1·02
	Fencing deviations	2·44	2·44	2·44	2·44	2·44
Orbost-Buchan Road	Continuation of construction towards Buchan	1·2	2·55	1·75	1·2	1·2
Mallacoota West Road	Sanding between Double Creek and Mallacoota	2·17	2·17	2·17	2·17	2·17
West Cann Road	Fencing deviations	2·08	2·08	2·08	2·08	2·08
Groves Road	Gravelling across Newmerella Flats	·74	·74	·74	·74	·74
Tamboon Road	From Cann River School to Rothe's	1·48	1·48	1·48	1·48	1·48
Lower Bemm Road	Sanding between 3 and 6 Mileposts	2·33	2·33	2·33	2·33	2·33
OTWAY SHIRE—						
Apollo Bay-Wye River Road	Metalling	1·9	..	1·9	1·9	1·9
	Metalling, 5311/15756	·69	..	..	..	..
Birregurra-Forrest Road	Gravelling Forrest Railway Crossing	·36	..	..	..	..
Colac-Forrest Road	Gravelling and metalling near Forrest	3·05	..	1·25	1·25	1·25
Lavers Hill-Glen Aire Road	Metalling towards Glen Aire	·63	..	..	..	..
Sunnyside Road	Fencing	2·1	..	2·1	2·1	2·1
Gellibrand East Road	Forming and grading	1·5	..	2·6	2·6	2·6
Barham Valley Road	Fencing	·25	..	·5	·5	·5
	Fencing	·75	..	·75	·75	·75
Hordern Vale Road	Forming and grading .. .. .	..	..	1·44	1·44	1·44
OXLEY SHIRE—						
Boggy Creek Road	Section Myrthee School	·6	..	·6	·6	·6
	.. .. .	..	..	..	(Day labour)	..
Fifteen Mile Creek Road	Mason's deviation	1·8	1·8	1·8	1·8	1·8
King Valley Road	King Valley to Whitfield	1·7	1·7	1·7	1·7	1·7
Rose River Road	Contract 1298p/53 and extension of section from Red Gate to Nella's	2·1	1·1	1·1	1·1	1·1
"	Construction of concrete and timber low level bridge over Rose River	..	..	..	..	..
	Carried forward	280·09	327·29	372·02	285·8	291·6

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

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		miles.	miles.	miles.	miles.	miles.
UNDER MUNICIPALITIES—<i>continued.</i>						
	Brought forward	280·9	327·29	372·02	285·8	291·6
PORTLAND SHIRE—						
Drik Drik—Winnap Road	Northerly from end of C.R.B. section at Drik Drik	·71	..	..	..	..
Gorae Road	Easterly from end of C.R.B. section at Gorae	1·67	·3	·3	·3	·3
Grubbed Road	Through State Forest, Parish of Gorae	1·34	..	..	..	..
PYALONG SHIRE—						
Lancefield—Tooboorac Road	Construction of culverts over a length of 1·78 miles north from Romsey Shire boundary	1·78	1·78	1·78	1·78	1·78
" " " "	Fencing, deviation through Allotments 60B, 60C, 61, Parish of Pyalong at Nulla Vale	1·24	1·24	1·24	1·24	1·24
ROCHESTER SHIRE—						
Corop Road	From Cemetery corner to south-east Allotment 166, Parish of Nanneella	1·13	1·13	1·13	1·13	1·13
Kotta East Road	South of Allotments 13 and 9, Parish of Turrunberry	·72	·72	·72	·72	·72
Echuca West Road	South of Allotment 44, Parish of Millicewa	·89	·89	·89	·89	·89
RODNEY SHIRE—						
Tatura—Toolamba Road	Between Allotments 21, 22, 36 and 37, Parish of Toolamba	·59	1·05	1·05	·59	·59
Mooroopna—Undera Road	Between Allotments 13 and 13A, Parish of Coomboona	·74	·74	·74	·74	·74
ROMSEY SHIRE—						
Baynton Road	Opposite Allotments 27 and 29, Parish of Cobaw	·5	1·07	1·07	1·07	1·07
RUTHERGLEN SHIRE—						
Black Swamp Road	South from Yarrowonga Road	·69	·69	·69	·69	·69
" " " "	At Shea's and at junction of Norong Central Road .. .. .	..	·19	·19	..	..
SEYMOUR SHIRE—						
Hughes Creek Road	Rabbit proof fencing across Allotments 3 and 4, Parish of Kobyboyn	2·68	2·68	2·68	2·68	2·68
SHEPPARTON SHIRE—						
Pine Lodge North Road	Between Allotments 82, 83, Parish of Shepparton and 149, 150, Parish of Pine Lodge	·49	·49	·49	·49	·49
Grahamvale Road	Between Allotments 19 and 57A, Parish of Shepparton	·59	·59	·59	·59	·59
" " " "	Between Allotments 76C and 73C, Parish of Shepparton	·58	·58	·58	·58	·58
Nathalia Road	Between Allotment 77 and Pre-emptive Right, Tallygaroopna	·53	·53	·53	·53	·53
SOUTH GIPPSLAND SHIRE—						
McCartins Road	Extension to McMaster's Saddle .. .. .	..	..	·49	·49	·49
Franklin River Road	Formation from Holdensens towards Tin Mine .. .. .	..	..	1·17	1·17	1·17
Binginwari South Road	Gravelling to Shire boundary .. .. .	..	..	·37	·37	·37
Dollar—Foster Road	Metalling near Mt. Rumbug and Amey's Track .. .. .	..	..	1	1	1
Fish Creek—Yanackie Road	Gravelling Waratah Road to Farrells	1·23	1·23	1·23	1·23	1·23
Foster—Stony Creek Road	Metalling final sections	1·34	1·34	1·34	1·34	1·34
" " " "	Completion of gravelling	1·31	..	..	..	..
Whitelaws Track Road	Forming Falls Road to Brights' .. .. .	..	..	1·93	1·93	1·93
Foster—Mt. Best Road	Construction Wintle's Outlet	·15	..	·15	·15	·15
Harding—Lawson Road	Gravelling from Waratah Road	·54	..	..	..	..
Foster—Stony Creek Road	Metalling balance Section 8	·5	..	..	..	..
" " " "	Metalling from Whitelaw's Track	·59	..	..	..	..
STAWELL SHIRE—						
Pomonal Road	Between Mokepilly Creek and Ararat Shire boundary	·59	·59	·59	·59	·59
Marnoo—Rupanyup Road	Gravelling north-west of Marnoo	2·71	2·71	2·71	2·71	2·71
Marnoo—St. Arnaud Road	West of Marnoo	·24	·24	·24	·24	·24
SWAN HILL SHIRE—						
Proonga—Piangli Road	At Bailey Plain	·94	..	..	..	..
Manangatang—Prooinga Road	2 miles east from Manangatang	·71	..	..	..	..
Kooloonong East Road	1½ miles east from Kooloonong	·84	..	..	..	·89
Fish Point Road	East from Swan Hill Road	1·93	..	..	..	..
Manangatang—Ouyen Road	West from Manangatang	1·25	..	..	..	..
Manangatang—Euston Road	At Koimbo .. .. .	..	..	..	..	·47
TAMBO SHIRE—						
Basin Road	Reforming and gravelling eastwards from Buchan Township	2·53	2·53	2·53	2·53	2·53
Buchan—Gelautipy Road	Reforming and gravelling between 1½ mile peg and 3 mile peg	1·61	1·61	1·61	1·61	1·61
TOWONG SHIRE—						
Georges Creek Road	6 miles north of Tallangatta	1·69	..	..	1·69	1·69
Tallangatta Creek Road	At Scanlon's	1·2	..	..	1·2	1·2
Shelley—Jingellie Road	3 miles from Shelley Railway Station	·91	·91	·91	·91	·91
Granya—Tallangatta Road .. .. .	.. .. .	..	2·3	2·3	·9	·9
TRARALGON SHIRE—						
Traralgon—Jeeralang Road	Widening from 9,280-ft. to 14,500-ft. .. .. .	..	·99	·99	·99	·99
Callignee Factory Road	Widening and sanding	·98	..	..	·98	·98
" " " "	Fencing	·98	..	·98	·98	·98
Walker's Road	Fencing .. .. .	..	..	1·2	1·2	1·2
TUNGAMAH SHIRE—						
Cobram—Katamatite Road	Allotments 39 and 38, Parish of Katamatite	·43	·43	·43	·43	·43
Yabba North Road	Between Allotments 55, 55A, 53A, and 48 and 49B, Parish of Yabba Yabba	1·15	1·15	1·15	1·15	1·15
Yabba South Road	Between Allotments 28C, 51C, 16A, Parish of Yabba Yabba .. .. .	..	1·1	1·1	1·1	1·1
Boweya Road	Allotments 20C and 21E, Parish of Karrabumet	·38	·38	·38	·38	·38
Yarroweyah—Tocumwal	Allotments 6, 7, 8, 9C and 10, 11, 12, 13C, Parish of Yarroweyah .. .. .	..	1·82	1·82	..	..
Katandra Road	Allotments 54, 55, 56, 73, 93, 73A, 80, Parish of Katandra, and 53, 92, 73B, Township of Katandra	4·06	4·06	4·06	4·06	4·06
UPPER MURRAY SHIRE—						
Benambra—Corryong Road	Timber pile bridge and approaches at Nariel	·12	..	..	..	..
Thowgla Road	Forming, grading and gravelling	·85	·85	·85	·85	·85
Kancobin Road	Boxing out and gravelling	1·18	..	..	..	..
UPPER YARRA SHIRE—						
Little Yarra Road	From Black Sands to Gilderoy	2·8	..	..	..	..
Woori Yallock—Healesville Road	At Allsop's Lane, Woori Yallock	·52	·52	·52	·52	·52
Woods Point Road	At Braham's Creek, and at quarry near M.M.B.W. Bridge	·19	·19	·19	·19	·19
Woori Yallock—Cockatoo Road	From Allotment 2, Parish of Woori Yallock to Township of Yellingbo .. .. .	..	1·7	1·7	..	..
VIOLET TOWN SHIRE—						
Harry's Creek Road	Metalling, &c., from Marraweeny Hill to Crocker's deviation	2·4	..	..	..	..
Carried forward		335·81	366·04	418·69	332·71	339·87

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—continued.

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		miles.	miles.	miles.	miles.	miles.
UNDER MUNICIPALITIES—continued.						
Brought forward		335·81	366·04	418·69	332·71	339·87
WALPEUP SHIRE—						
Underbool-Mamengarook Road ..	Forming and metalling in Parishes of Underbool and Mamengarook ..	·49	1·02	1·02	·81	·81
Panitya North Road	Metalling between 2-45, Carina, 33-34, Berrook and near Manya and Bolton's Bore ..	2·75	..	..	..	..
" "	Metalling, Parish of Mulcra .. ..	..	·38	·38	·38	·38
" "	Metalling, Parish of Manya (Manya bore) .. ..	..	1·4	1·4	·69	·69
" "	Metalling, Parish of Berrook (Cliff's Bore) .. ..	..	1·18	1·18	·88	·88
Panitya, South Road	Forming and metalling in Parish of Carina	5	3·78	3·78	1·14	1·14
Murrayville North Road ..	Metalling in Parishes of Duddo and Goongee	·72	·74	·74	·74	·74
Linga North Road	Metalling in Parishes of Mamengarook and Underbool ..	·58	·54	·54	·41	·41
Cowargie South Road	Metalling in Parishes of Tutye and Bunurouk	·65	·53	·53	·53	·53
Carina North Road	Metalling in Parishes of Mulcra and Carina	·51	·84	·84	·53	·53
Carina South Road	Forming and metalling in Parishes of Carina and Ngallo ..	3·78	·33	·33	·33	·33
Danyo North Road	Metalling in Parish of Duddo	·56	..	..	..	..
	Metalling from Allotments 40 to 28, Parish of Danyo ..	..	1·23	1·23	1·23	..
Walpeup-Patchewollock Road ..	Metalling in Parish of Walpeup	1·26	·64	·64	·53	·53
Galah-Timberoo Road	Metalling in Parishes of Tiega and Timberoo	·62	·68	·68	·68	..
Tiega North-East Road	Metalling in Parish of Tiega	·62	4	4	4	4
Boulka-Timberoo Road	Metalling in Parish of Boulka	·48	·52	·52	·52	·47
Underbool-Gnarr	Metalling in Parishes of Underbool and Gnarr	6	·56	·56	·56	1·14
Tyalla-Koonda Road	Forming and metalling in Parish of Tyallo	·94	..	..	·59	·49
Ouyen-Tempy Road	Forming and metalling, Bronzewing and Gypsum .. ..	..	1·44	1·44	1·44	1·44
Boorongie North Road	Metalling between 24-22, Boorongie .. ..	..	·97	·97	·74	·74
Walpeup South-West Road ..	Forming and metalling between 53-54, Walpeup .. ..	..	·84	·84	·84	·84
Katyong Road	Metalling between 24 and 25, Nyang .. ..	..	·64	·64	·51	·51
Murrayville South Road	Forming and metalling in Parish of Gunamalary .. ..	..	·66	·66	·66	·66
Walpeup North Meridian Road ..	Forming and metalling .. ..	..	1·35	1·35	·76	·76
Cowangie North	Forming and metalling in Parish of Tyalla .. ..	..	·66	·66	·66	·66
Nyang South Road	Metalling in Parish of Daalko .. ..	..	·81	·81	·56	·56
Boinka North Road	Forming and metalling in Allotments 19-29-27, Boinka ..	..	·39	·39	·39	..
Boinka South Road	Metalling in Parish of Worooa .. ..	..	·54	·54	·49	..
Underbool South Road	Metalling in Parishes of Underbool and Daalko .. ..	..	·63	·63	·42	..
Ouyen-Kulwin Road	Metalling in Parish of Boorongie .. ..	..	·62	·62	·62	..
WANGARATTA SHIRE—						
Boorhaman-Springhurst Road ..	Forming and graveling between Allotments 46, 45, 62 and 65, Parish of Bontherambo ..	5	..	..	..	5
WANNON SHIRE—						
Melville-Forrest Road	Between Allotments 84 and 85, Parish of Glendenning and Melville Forest Estate, Parish of Bil-Bil-Wyt ..	1·23	..	..	..	..
" "	At Uffs and Frankish's .. ..	..	..	..	..	..
" "	Glendenning and Melville Forest Estates, Parish of Gritjurk ..	·91	..	..	..	..
WARANGA SHIRE—						
Carag-Stanhope Road	3 miles west of Stanhope	·28	..	..	·28	·28
Mt. Camel-Corop Road	Near Colbinabbin	1·16	1·58	1·58	1·16	1·16
WARRAGUL SHIRE—						
Hazeldene-Yarragon Road	Sand sheeting east from Darnum-Allambee Road to Shire boundary ..	3	3	3	3	3
Lardner's Track Road (Section 7) ..	Reforming and sanding from Allotment 60 to 64, Parish of Warragul ..	1	1	1	1	1
Ellinbank Road	Forming and sanding from Allotment 97 to 85, Parish of Warragul ..	1·5	..	..	1·5	1·5
Lardner-Tetoora Road	Clearing, forming, and fencing through Allotments 1, Parish of Allambee, and 68, Parish of Warragul ..	·92	·92	·92	1·85	·92
Nilma-Shady Creek Road	Reforming and metalling from Allotment 15 to 12B, Parish of Darnum ..	1·1	..	..	1·1	1·1
Lardner's Track Road (Section 8) ..	From Allotment 64 to 68, Parish of Warragul .. ..	..	..	..	1	1
Ferndale Road	Forming and sanding opposite Allotment 63A, Parish of Allambee ..	·72	..	..	..	..
WARRNAMBOOL SHIRE—						
Nullawarre-Timboon Road	3 to 5 miles east of Nullawarre Post Office	1·9	..	..	..	..
Childers Cove Road	At 14 miles and 18 miles from Warrnambool	1·3	..	..	..	·69
" "	At 15 miles and 17 miles from Warrnambool .. ..	..	..	..	..	..
Panmure Road	2 miles from Panmure	·53	..	..	..	·59
Naringal Road	13 miles east of Warrnambool .. ..	..	..	..	..	..
WERRIBEE SHIRE—						
Exford Road	Continuation of present construction towards Parwan ..	·57	·57	·57	..	..
" "	Continuation of present construction towards Parwan ..	..	·6	·6	·6	·6
WHITTLESEA SHIRE—						
Chadd's Creek Road	3rd section from chainage 5,300 to Spark's	·54	..	..	·54 (Day labour)	·54
Eden Park Road	From Whittlesea-Wallan Road along full length of deviation ..	..	1·26	1·26	..	1·26
WINCHELSEA SHIRE—						
Birregulla-Forrest Road	Barwon Downs deviation (between Barwon Downs and Yaugher; joint Colac and Otway Shires) ..	..	3·31	·37	·37	·37
Boonah Road	Gravelling between chainages 4,915 and 7,200, and between 8,600 and 11,200	·62	..	·91	·91	·91
orne Road	Little Stony Creek to Lorne Cemetery	1·3	..	1·3	1·3	1·3
" "	Stony Creek Falls section—metalling final section ..	·72	..	·72	·72	·72
" "	Lorne Cemetery—Fencing	1	..	..	1	1
WODONGA SHIRE—						
Beechworth-Wodonga Road	2 miles south of Wodonga Township	·68	·68	·68	·68	·68
Kiewa-Wodonga Road	At junction with Wodonga-Yackandandah Road .. ..	..	·04	·04	·04	·04
OOBAYL SHIRE—						
Leongatha-Mirboo Road	Near Berry's Creek, Crighton's and Hogan's	·53	·98	·98	·98	·98
West Tarwin Valley Road	On Clark's Outlet .. ..	..	·99	·99	·99	·99
Inverloch-Lower Tarwin Road ..	Between Pound Creek and Inverloch .. ..	..	·71	·71	·71	·71
Leongatha-Yarragon Road	From Tarwin River to Shire boundary .. ..	..	1·97	1·97	1·97	1·97
Wild Dog Valley Road	Along Wild Dog Creek .. ..	..	·61	·61	·61	·61
Mardan Road	Through Coulter's to Millar's .. ..	..	1·6	1·6	1·6	1·6
Dollar-Dumbalk Road	Near Milford .. ..	..	1·52	1·52	1·52	1·52
" "	Near Dollar .. ..	..	·95	·95	·95	·95
Canavan Road	Near Rodwell's, McDowell's, Askell's	·98	·98	·98	·98	·98
" "	Near Gunn's and Appleyard's	5	..	..	..	..
Coulter's Road	Past Mardan Hall .. ..	..	·14	·14	·14	·14
Mardan-Dumbalk Road	Near Mardan Hall .. ..	..	·24	·24	·24	·24
WYCHEPROOF SHIRE—						
Glenloth Road	At Glenloth Township .. ..	..	·14	·14	·14	·14
Nullawil-Winston Road	West of Nullawil	·22	·45	·45	·45	·45
Culgoa-Lalbert Road	East of Culgoa	2·92	3·1	3·1	3·1	3·1
Berriwillock-Woomelang Road ..	West of Berriwillock	1·77	4	..	..	..
Meridian Road	South of Berriwillock	·67	·79	·79	·79	·79
Myall-Sea Lake Road	West of Sea Lake	1·43	..	..	..	..
Sea Lake-Tyrell Downs Road ..	North of Sea Lake	·13	·37	·37	·37	·37
Pumina Road	At Dumosa	·05	·05	·05	·05	·05
Nyarrin Road	East of Nyarrin .. ..	..	5	5	5	5
Carried forward		378·9	414·64	465·4	380·34	386·21

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
<i>UNDER MUNICIPALITIES—continued.</i>						
	Brought forward	378·9	414·64	468·4	380·34	385·21
YACKANDANDAH SHIRE—						
Woollonga Gap Road	Gravelling deviation, Parish of Kergunyah	1·77	1·77	1·77	1·77	1·77
Kiewa—Wodonga Road	Gravelling re-alignment of curves at Baranduda	·63	..	..	·63	·63
YEA SHIRE—						
Killgworth Road	Near Yea (opposite Lempriere's and Williamson's)	1·23	1·23	1·23	1·23	1·23
Flowerdale Road	7 section opposite Mattison's, Higgins's and Charlesworth's .. .. .	..	1·34	1·34	1·34	1·34
"	5 section between Gum's Creek and Fry's .. .. .	..	1·17	1·17	1·17	1·17
Molesworth—Dropmore Road	Top end through Jeffrey's and Minchinton's	·89	·89	·89	·89	·89
	Total	383·42	421·04	474·8	387·37	393·24

UNDER DIRECT SUPERVISION OF THE BOARD.

ALBERTON SHIRE—						
Binginwarri—Albert River Road	Construction two bridges and approaches over Billy Creek	·19	..	·19	·19	·19
Binginwarri—Welshpool Road	Fencing near Binginwarri	2·32	..	2·32	2·32	2·32
Dingo Creek Road	Clearing and forming	2·25	..	6·5	(Day labour)	
Madalya Road	Fencing	·65	..	1·5	1·5	1·5
ALBERTON AND ROSEDALE SHIRES—						
Callignee South Road	Clearing and forming	·74	..	·74	(Day labour)	
Gilmours Connexion Road	Clearing and forming	·76	..	·76	(Day labour)	
ALBERTON AND MORWELL SHIRES—						
Jeeralang West Road	Reforming and metalling	·01	..	1·87	1·87	1·87
Whitelaw's Track Road	Fencing	1·04	..	1·04	1·04	1·04
AVOCA SHIRE—						
Maryborough—Natte Yallock Road	Construction of reinforced concrete bridge over Homebush Creek	·01	·01	·01	·01	·01
BELLARINE SHIRE—						
Barwon Heads—Ocean Grove Road	Clearing, forming, and metalling	·04	..	1·22	1·22	1·22
BENALLA SHIRE—						
Toombullup Road	Reforming and metalling	·41	2	2	2	2
BERWICK SHIRE—						
Cockatoo—Gembrook Road	Clearing and forming	1·56	3·06	3·06	3·06	3·06
Emerald Road	Clearing and forming	1·88	1·88	1·88	(Day labour)	
BRIGHT AND YACKANDANDAH SHIRES—						
Running Creek Road	Clearing and forming	·97	..	2·76	2·76	2·76
BRIGHT SHIRE—						
Happy Valley Road	Fencing	1·53	..	1·52	1·52	1·52
BULN BULN SHIRE—						
Duggan North Road	Clearing and forming	1·13	..	1·19	1·19	1·19
Fumina Road .. .. .	.. .. .	..	..	..	(Day labour)	
CORIO SHIRE—						
Geelong—Bacchus Marsh Road	Construction of reinforced concrete bridge over Little River	·01	..	·01	·01	·01
Little River—Ripley Road	Construction of reinforced concrete bridge	·01	..	·01	·01	·01
ELTHAM SHIRE—						
Kinglake—Glenburn Road	Clearing and forming	1·18	..	1·18	1·18	1·18
Whittlesea—Kinglake Road	Reforming and metalling	1·39	..	2·31	2·31	2·31
Yarra Glen—Glenburn Road	Clearing, forming and gravelling	·38	1·11	1·11	1·11	1·11
ELTHAM AND YEA SHIRES—						
Whittlesea—Kinglake Road	Reforming, metalling and pitching	·26	..	1·14	1·14	1·14
HEALESVILLE SHIRE—						
Healesville—Poolangi Road	Clearing, forming and metalling	1·57	..	1·57	1·57	1·57
HEYTESBURY SHIRE—						
Ayersford Road	Clearing, forming and grading	·51	..	1·53	1·53	1·53
Peterborough—Port Campbell Road	Clearing, forming and grading	·28	7	3	3	3
"	Fencing	·76	..	1·52	1·52	1·52
"	Gravelling	·08	..	·38	·38	·38
Timboon—Nirranda Road	Reforming and metalling	·47	..	1	1	1
"	Reforming and gravelling	·34	..	2·32	2·32	2·32
"	Grubbing, clearing and forming	·57	..	1·65	1·65	1·65
MCIVOR SHIRE—						
Mt. Camel Estate Road	Fencing	·78	..	1·53	1·53	1·53
"	Clearing and forming	·75	..	1·09	1·09	1·09
"	Reforming, gravelling and metalling	3·66	..	4·2	4·2	4·2
"	Amended survey .. .. .	..	1	..	..	..
MELTON SHIRE—						
Monnt Koroit	Forming and metalling	·31	..	·63	·63	·63
MILDURA SHIRE—						
Bambill North	Clearing, forming, marling and rubbling	3·44	8·9	3·44	3·44	3·44
Bambill South	Clearing, forming and limestone marling	3·7	9·25	3·7	3·7	3·7
Benetook North	Survey .. .. .	..	6·5	..	..	..
Benetook South	Forming and gravelling	1·49	..	1·94	1·94	1·94
"	Forming and marling	1·72	12·9	3·07	3·07	3·07
Karawinna North	Forming and marling	1·42	9	2·81	2·81	2·81
Karawinna South	Forming and marling	1·37	11	2·25	2·25	2·25
Meringur North	Forming and limestone marling	1·92	7·85	4·8	4·8	4·8
Meringur South	Forming	·78	10·6	6	2·8	2·8
Merrilee North	Clearing and forming	·55	6·2	2	2	2
Merrilee South	Clearing, forming and marling	3·03	12·1	5·6	5·6	5·6
Murray River Valley	Forming and surfacing with limestone gravel	17·14	..	23·6	23·6	23·6
Pirita North	Clearing, forming and gravelling	·67	8·3	1·88	1·88	1·88
"	Forming	·93	..	1·42	1·42	1·42
"	Forming and rubbling	·77	..	2·61	2·61	2·61
Werrimull North	Forming and rubbling	3·87	..	6·45	6·45	6·45
Werrimull South	Clearing, forming and marling	4·13	..	4·4	4·4	4·4
Yarrara North	Clearing, forming and marling	2·2	..	4·97	4·97	4·97
MINHAMITE SHIRE—						
Nardoo	Construction of reinforced concrete bridge over Moyno River	·01	..	·01	·01	·01
MORWELL SHIRE—						
Jeeralang West	Clearing, forming and metalling	2·25	..	2·25	2·25	2·25
Morwell River	Fencing	3·84	..	7·13	7·13	7·13
"	Fencing	4·65	..	4·65	(Day labour)	
"	Grubbing, clearing and forming, and two timber bridges	2·23	3·66	3·66	3·66	3·66
NARRACAN SHIRE—						
Childers Settlement	Clearing, forming, and bridge	·96	..	·96	·96	·96
"	Reforming and metalling	2·47	..	2·47	2·47	2·47
Sunny Creek	Fencing	·92	..	·92	·92	·92
	Carried forward	95·126	122·32	157·73	140·	140·

STATEMENT SHOWING MILEAGE, LOCALITY, AND PARTICULARS OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Name of Road.	Locality of Works Constructed.	Mileage of Works Constructed.	Lengths of Roads—			
			For which Permanent Surveys have been made.	For which Plans have been prepared.	For which Tenders have been invited.	For which Tenders have been accepted.
		miles.	miles.	miles.	miles.	miles.
<i>UNDER DIRECT SUPERVISION OF THE BOARD—continued.</i>						
	Brought forward	95·126	122·32	157·73	140·	140·
OTWAY SHIRE—						
Colac-Beech Forest	Clearing and forming	3·2	..	3·74	3·74	3·74
Ferguson-Charley's Creek	Clearing	1·93	..	3·05	(Day labour)	(Day labour)
	Forming	·28	..	..	(Day labour)	(Day labour)
Glen Aire-Lavers Hill	Clearing and forming	·2	..	·2	·2	·2
Hordern Vale	Fencing	1·18	..	1·18	1·18	1·18
Hordern Vale-Apollo Bay	Clearing, forming and construction of timber bridge	2·74	..	5·08	5·65	5·65
Lavers Hill-Prinetown	Reforming and metalling	4·09	..	5·58	5·58	5·58
Mt. Sabine-Lavers Hill	Reforming and metalling	5·18	..	8·65	8·65	8·65
"	Spraying with bitumen and oil	6·3	..	6·3	(Day labour)	(Day labour)
"	Supply and delivery of 340 cubic yards metal .. .. .	..	..	..	..	..
OXLEY SHIRE—						
Buffalo River	Construction of two timber bridges and approaches at Cropper's Creek	·02	..	·02	·02	·02
Tolmie-Whitfield	Reforming and metalling	3·66	..	3·66	3·66	3·66
OXLEY AND BENALLA SHIRES—						
Toombullup	Reforming and metalling	·93	..	..	·93	·93
SWAN HILL SHIRE—						
Manangatang-Euston	Forming and limestone metalling	·12	..	1·69	1·69	1·69
TAMBO SHIRE—						
Basin	Clearing and forming and construction of bridge	·09	..	..	·09	·09
TRARALGON SHIRE—						
Callignee	Reforming and gravelling	1·03	..	1·39	1·39	1·39
Traralgon Creek	Two timber bridges and approaches	·18	..	·12	·18	·18
"	Clearing and forming	·11	..	·76	·76	·76
"	Clearing and forming	2·27	..	2·27	(Day labour)	(Day labour)
Walkers	Clearing and forming	3·16	3·16	3·16	(Day labour)	(Day labour)
TUNGAMAH AND SHEPPARTON SHIRES—						
Congupna and Katandra Roads	Forming and gravelling	4·96	5·55	4·96	4·96	4·96
WARRAGUL SHIRE—						
Allambee Estate	Reforming and sanding	1·73	..	1·73	1·73	1·73
WOORAYL SHIRE—						
Central	Haulage of 1,200 cubic yards of sand .. .. .	..	..	..	..	..
YACKANDANDAH SHIRE—						
Running Creek	Fencing in Parish of Tawanga	1·17	..	1·17	1·17	1·17
YEA SHIRE—						
Yarra Glen-Glenburn	Reforming and gravelling	·92	..	·92	·92	·92
	Total	140·71	131·03	213·42	182·5	182·5

APPENDIX K.
COUNTRY ROADS BOARD.
STATE HIGHWAYS.

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED AND HIGHWAYS MAINTAINED DURING THE YEAR ENDED 30TH JUNE, 1929.

Name of Municipality and Highway.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES.				
ARARAT SHIRE— Western Highway—Section 2 ..	.. .. .	Bitumen surfacing at Green Hill Lake ..	..	5
.. .. .	.. .. .	3-ft. pipe culvert Mount Mistake. Patrol maintenance ..	..	16'8
.. .. .	.. .. .	Metal penetration ..	..	1
.. .. .	.. .. .	General maintenance ..	..	2
BACCHUS MARSH SHIRE— Western Highway—Section 1 ..	Reconstruction 178,305-182,936 ..	.. .. .	88	..
.. .. .	155,714-167,350 ..	147,906-167,350 ..	21	68
.. .. .	.. .. .	178,305-216,185 ..	..	16
BARRARBOOL SHIRE— Princes Highway West—Section 1 ..	Reconstruction ..	General maintenance ..	3'3	9'7
.. .. .	Seal coat ..	.. .. .	6'2	..
BULN BULN SHIRE— Princes Highway East—Section 1 ..	Widening from 16 feet to 20 feet between Drouin Township and Warragul Shire boundary ..	Surfacing with bitumen and general repairs ..	1'75	9'5
BUNNYONG SHIRE— Western Highway ..	.. .. .	Patrol work between Ballarat City Boundary and Bungaree ..	..	4'5
DANDENONG SHIRE— Princes Highway East—Section 1 ..	Between Dandenong and Springvale Roads ..	.. .. .	3'5	..
DIMBOOLA SHIRE— Western Highway—Section 4 ..	.. .. .	Gravel sheeting over existing sandstone formation between Kiata and Salisbury ..	..	1'51
.. .. .	.. .. .	Forming and gravelling between Salisbury and Lowan Shire boundary ..	..	1'06
.. .. .	.. .. .	Metal re-sheeting east from Dimboola Township ..	..	1'12
HAMPDEN SHIRE— Princes Highway West—Sections 2 and 3 ..	.. .. .	General maintenance ..	..	28
HUNTLY SHIRE— Northern Highway ..	.. .. .	Between Epsom and Huntly ..	..	4
.. .. .	.. .. .	Between Avonmore and Elmore ..	..	3
KORONG SHIRE— Calder Highway—Section 2 ..	.. .. .	Bitumen surfacing near Bullabul Creek ..	..	1
.. .. .	.. .. .	Bitumen surfacing in detached sections ..	..	1'7
.. .. .	.. .. .	Gravelling between Kurtling and Glenalbyn ..	..	62
.. .. .	.. .. .	Gravelling between Glenalbyn and Wedderburn ..	..	34
LAWLOIT SHIRE— Western Highway—Section 5 ..	Gravelling between Kaniva and Lawloit ..	.. .. .	57	..
.. .. .	.. .. .	Re-sheeting metal between Kaniva and Border ..	..	1'27
.. .. .	.. .. .	Re-sheeting gravel between Kaniva and Border ..	..	1'45
.. .. .	.. .. .	Re-sheeting gravel between Kaniva and Lawloit ..	..	1'06
.. .. .	.. .. .	Forming, &c. between Kaniva and Lawloit ..	..	2'5
.. .. .	.. .. .	Forming, &c. between Kaniva and Border ..	..	5
LOWAN SHIRE— Western Highway—Section 4 ..	.. .. .	Between Allotments 68 and 69 and Allotments 25A and 26, Parish of Balrootan ..	..	1'17
.. .. .	.. .. .	Between Allotments 44 and 2, Parish of Kinimakatka ..	69	..
.. .. .	.. .. .	Between Allotments 48 and 48A and Allotment 47B, Parish of Kinimakatka ..	..	76
MILDURA SHIRE— Calder Highway ..	Between Carwarp and Hattah ..	.. .. .	4'8	..
.. .. .	.. .. .	Between Carwarp and Boonoonar ..	..	1'21
.. .. .	.. .. .	Between Trinita and Nowingi ..	..	3'2
OMELO SHIRE— Omeo Highway ..	Metalling at Tongio Gap ..	Ramrod Creek to Lightning Creek ..	1'65	115
OREOST SHIRE— Princes Highway East ..	Re-alignment works at Wombat Creek, Dinner Creek, Irvine's Gully and Young's Creek ..	Re-sheeting, re-surfacing, bridge repairs and patrol maintenance ..	72	17
ROCHESTER SHIRE— Northern Highway ..	.. .. .	Between Rochester and Echuca ..	..	9'5
SOUTH BARWON SHIRE— Princes Highway West—Section 1 ..	.. .. .	Gritting surface with Gherang gravel, repairs to surface and attending to drainage ..	..	2'8
STAWELL SHIRE— Western Highway—Section 3 ..	From Armstrong's to Ararat Shire boundary ..	From Deep Lead to Ararat. General maintenance ..	3'89	21
TAMBO SHIRE— Omeo Highway—Section 1 ..	.. .. .	General maintenance ..	..	9
TOWONG SHIRE— Omeo Highway—Section 4 ..	At Tallandoon ..	Eskdale to Wodonga Shire boundary ..	74	40
.. .. .	At Granite Spur, 48 miles south of Tallangatta ..	Lightning Creek to Eskdale ..	3'57	27
.. .. .	Bridge over Snowy Creek, 47 miles south of Tallangatta ..	.. .. .	02	..
WALFEUP SHIRE— Calder Highway—Section 5 ..	.. .. .	General maintenance ..	..	16
.. .. .	.. .. .	Reforming and re-sheeting between Klamal and Trinita ..	..	3
WARRAGUL SHIRE— Princes Highway East—Section 1 ..	.. .. .	Bitumen surfacing and general maintenance ..	..	1'6
.. .. .	.. .. .	Bitumen surfacing and general maintenance ..	..	5'75
WIMMERA SHIRE— Western Highway—Section 3 ..	.. .. .	Re-sheeting east of Burnt Creek ..	..	1'14
.. .. .	.. .. .	Two coat penetration east of Burnt Creek ..	..	37
.. .. .	.. .. .	Re-sheeting gravel near Allotment 13, Parish of Drung Drung ..	..	51
.. .. .	.. .. .	Shouldering near Allotment 13, Parish of Drung Drung ..	..	51
.. .. .	.. .. .	Patrol dragging and patching grave ..	..	5
.. .. .	.. .. .	Machine work on earth roads ..	..	10'5
.. .. .	.. .. .	Side track along metal. Patrol dragging earth roads ..	..	1'15
	Carried forward ..	.. .. .	34'49	395'79

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Highway.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER MUNICIPALITIES—<i>continued.</i>				
		Brought forward	34·49	395·79
WODONGA SHIRE— Omeo Highway—Section 4		Wodonga Township to Yackandandah Shire boundary .. .. .	..	11
Hume Highway—Section 3		Chiltern Shire boundary to Murray River .. .. .	..	6·91
WYCHEPROOF AND SWAN HILL SHIRES— Calder Highway—Section 4	North of Wycheproof	Between Wycheproof and Sea Lake	·44	1·04
.. .. . Section 5	North and south of Nandaly	Between Sea Lake and Nandaly	7·39	·5
		Total	42·32	415·69
UNDER DIRECT SUPERVISION OF THE BOARD.				
AVON SHIRE— Princes Highway East—Section 3	Forming, reforming and gravelling between Sale and Montgomery and between Stratford and the Munro turnout .. .. .	.. .. .	4·79	..
.. .. .	.. .. .	Generally throughout .. .. .	..	50
BACCHUS MARSH SHIRE— Western Highway—Section 1	Widening, re-sheeting and surfacing with bituminous macadam between Melton and Deep Creek (Day labour) .. .. .	.. .. .	·75	..
.. .. .	.. .. .	Re-grading, re-shaping and gravelling, (Day labour), between Deep Creek and Anthony's Cutting .. .. .	..	1·25
BAIRNSDALE SHIRE— Princes Highway East—Section 4 .. .. .	.. .. .	General maintenance .. .. .	..	5
Omeo Highway .. .. .	.. .. .	General maintenance .. .. .	..	7·5
BALLAN SHIRE— Western Highway—Section 1	Two construction platforms and approach spans over Pykes Creek reservoir .. .. .	.. .. .	·02	..
.. .. .	Reinforced concrete bridge over Myrning Creek .. .. .	.. .. .	·01	..
.. .. .	.. .. .	Supply and delivery of metal—13,300 cubic yards .. .. .	..	..
.. .. .	Spraying between Myrning and Ballan (Day labour) .. .. .	.. .. .	4	..
.. .. .	.. .. .	Spraying between Ballan and Gordon (Day labour) .. .. .	..	2
BALLAN, BUNGAREE AND BUNINYONG SHIRES— Western Highway—Section 1	Widening, re-sheeting and surfacing with bituminous macadam and sealing between Gordon and Bungaree (Day labour) .. .. .	.. .. .	5	..
BALLARAT SHIRE— Western Highway—Section 2	Widening, re-sheeting and surfacing with bituminous macadam between Ballarat and Burrumbeet .. .. .	.. .. .	4·79	..
BELFAST SHIRE— Princes Highway West—Sections 3 and 4 .. .. .	.. .. .	General maintenance .. .. .	..	28·75
BERWICK SHIRE— Princes Highway East—Section 1	Reinforced concrete bridge over Toomuc Creek and approaches .. .. .	.. .. .	·18	..
.. .. .	Widening and surfacing with asphaltic macadam .. .. .	.. .. .	1·92	..
.. .. .	Reinforced concrete culvert near Nar-nar-noon .. .. .	.. .. .	·01	..
.. .. .	Reinforced concrete bridge over Ararat Creek and approaches .. .. .	.. .. .	·23	..
.. .. .	Supply of 1,255 cubic yards of metal, &c. .. .. .	.. .. .	..	..
.. .. .	.. .. .	Supply of 4,640 cubic yards of metal, &c. .. .. .	..	..
.. .. .	.. .. .	Sealing at Nar-nar-noon (Day labour) .. .. .	..	·8
.. .. .	Widening two timber bridges at Tynong (Day labour) .. .. .	.. .. .	..	..
.. .. .	.. .. .	Clearing and deepening drains at Officer and Narre Warren (Day labour) .. .. .	..	1·1
.. .. .	.. .. .	Repairing shoulders of road between Pakenham and Nar-nar-noon (Day labour) .. .. .	..	·57
.. .. .	.. .. .	Spraying between Hallam and Dandenong (Day labour) .. .. .	..	2·64
.. .. .	.. .. .	.. .. .	1·44	..
.. .. .	Construction in asphaltic macadam between Hallam and Narre Warren (Day labour) .. .. .	.. .. .	·51	..
.. .. .	Construction of drain (Day labour) .. .. .	.. .. .	1·54	..
.. .. .	Widening and sealing near Toomuc Creek, and metal approaches to the bridge (Day labour) .. .. .	.. .. .	..	..
BRAYBROOK SHIRE— Western Highway—Section 1 .. .. .	.. .. .	Drainage between Albion and Rockbank .. .. .	..	14
BROADFORD AND SEYMOUR SHIRES— Hume Highway—Section 1	Supply of metal at Broadford and Scymour .. .. .	.. .. .	..	..
BROADMEADOWS SHIRE— Hume Highway—Section 1	Supply of metal and gravel	Supply of 470 cubic yards of screenings	2·19	..
.. .. .	Reconstruction in asphaltic macadam and sealing (Day labour) .. .. .	.. .. .	·19	..
.. .. .	Reconstructing shoulders (Day labour) .. .. .	.. .. .	..	7·68
.. .. .	.. .. .	Spraying between Wallan and Bylands, Donnybrook and Bylands, and Campbellfield and Craigieburn (Day labour) .. .. .	..	..
BROADMEADOWS AND SEYMOUR SHIRES— Hume Highway—Section 1	Construction in asphaltic macadam and sealing between Broadford and Tallarook (Day labour) .. .. .	.. .. .	7·7	..
BUNINYONG SHIRE— Western Highway—Section 1 .. .. .	.. .. .	General maintenance .. .. .	..	3
CHARLTON SHIRE— Calder Highway—Section 3	Forming and gravelling at Teddywaddy .. .. .	.. .. .	3·96	..
.. .. .	Supply of gravel .. .. .	.. .. .	..	..
.. .. .	.. .. .	Patrol only .. .. .	..	18
		Carried forward	30·23	142·29

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Highway.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER DIRECT SUPERVISION OF THE BOARD—<i>continued.</i>				
		Brought forward	39·23	142·29
CORIO SHIRE— Princes Highway West—Section 1	.. .. .	Supply of gravel .. .. .	..	..
" " " "	.. .. .	Spraying from Corio level crossing towards Melbourne	..	1
DANDENONG SHIRE— Princes Highway East—Section 1	Sealing between Spring Vale and Dandenong	.. .. .	3·75	..
" " " "	.. .. .	Reinforced concrete culvert 1 mile west of Dandenong	..	·01
EUROA SHIRE— Hume Highway—Section 2	Reinforced concrete bridge over Castles Creek near Euroa	.. .. .	·28	..
" " " "	Bridge over Faithful Creek	.. .. .	·01	..
GISBORNE SHIRE— Calder Highway—Section 1	.. .. .	Supply of 240 cubic yards of gravel between Gisborne and Woodend	..	..
GISBORNE AND MELTON SHIRES— Calder Highway—Section 1	.. .. .	Drainage works from Gisborne to Diggers Rest (Day labour)	..	10
HAMPDEN SHIRE— Princes Highway West—Section 3	Re-forming and surfacing with bituminous macadam between Camperdown and Terang	.. .. .	1·1	..
HEYTESBURY SHIRE— Princes Highway West—Section 2	.. .. .	Supply and delivery of 500 cubic yards of scoria at Stoneyford	..	..
HUNTLY SHIRE— Northern Highway—Section 1	Construction of two bridges and forming over Sandy and Yankie Creeks	.. .. .	·26	..
" " " "	Forming and re-forming, boxing and gravelling	.. .. .	3·16	..
" " " "	Clearing and forming Bagshot deviation	.. .. .	·83	..
KEILOR SHIRE— Calder Highway—Section 1	.. .. .	Supply of 200 cubic yards of gravel .. .. .	..	..
KYNETON SHIRE— Calder Highway—Section 1	Supply of 14,000 cubic yards of metal	.. .. .	..	..
" " " "	Clearing and forming	.. .. .	1·23	..
" " " "	.. .. .	Spraying between Carlsruhe and Malmsbury (Day labour)	..	..
KYNETON AND METCALFE SHIRES— Calder Highway—Section 1	Widening, re-sheeting, surfacing with asphaltic macadam, and sealing at Malmsbury (Day labour)	.. .. .	10·7	..
MALDON SHIRE— Calder Highway—Section 2	.. .. .	General maintenance .. .. .	..	4·5
MARONG SHIRE— Calder Highway—Section 2	Forming and surfacing with asphaltic macadam at Specimen Hill	.. .. .	1·21	..
" " " "	Supply of 180 cubic yards of gravel	.. .. .	..	31
" " " "	.. .. .	Castlemaine to Bridgewater .. .. .	..	..
MELTON SHIRE— Western Highway—Section 1	Superstructure on existing bridges in Melton	.. .. .	..	..
" " " "	Supply of 14,200 cubic yards of metal and screenings at Deep Creek	.. .. .	..	..
" " " "	Widening, re-sheeting, surfacing with bituminous macadam, and sealing between Deep Creek and Melton (Day labour)	.. .. .	4·55	..
METCALFE SHIRE— Calder Highway—Section 1	Reinforced concrete culvert	.. .. .	·01	..
" " " "	Forming and gravelling Elphinstone deviation (Day labour)	.. .. .	·19	..
" " " "	.. .. .	General maintenance .. .. .	..	15·25
MORWELL AND TRARALGON SHIRES— Princes Highway East—Section 2	.. .. .	Generally throughout .. .. .	..	60
NARRACAN SHIRE— Princes Highway East—Section 2	Widening, re-forming and surfacing with bituminous macadam between Trafalgar and Moe	.. .. .	2·69	..
" " " "	Widening and surfacing with asphaltic macadam	.. .. .	3·66	..
" " " "	Re-forming and sanding	.. .. .	2·59	..
" " " "	.. .. .	General maintenance .. .. .	..	15·5
NEWSTEAD AND MOUNT ALEXANDER SHIRE— Calder Highway—Section 1	Reinforced concrete culvert at Tunnel Hill, Chewton	.. .. .	·01	..
ORBOST SHIRE— Princes Highway East—Sections 5 and 6	.. .. .	Brodrigg River to N.S.W. Border .. .. .	..	93
PORTLAND SHIRE— Princes Highway West—Section 5	Clearing, forming and limestone metalling	.. .. .	·55	..
RIPON SHIRE— Western Highway—Section 2	.. .. .	Supply of 100 cubic yards of gravel	..	..
RIPON AND LEXTON SHIRES— Western Highway—Section 2	.. .. .	Supply of 300 cubic yards of gravel at Beaufort	..	..
ROCHESTER SHIRE— Northern Highway	Two-cell reinforced concrete culvert and gravelled approaches	.. .. .	·02	..
ROSEDALE SHIRE— Princes Highway East—Section 2	.. .. .	General maintenance .. .. .	..	19·5
SEYMOUR SHIRE— Hume Highway—Section 1	Forming and gravelling	.. .. .	2·95	..
" " " "	Two culverts and approaches near Mangalore	.. .. .	·05	..
STAWELL SHIRE— Western Highway—Section 3	Construction of a drain near Dads-well's	.. .. .	1·26	..
" " " "	Clearing and forming .. .. .	.. .. .	2·41	..
" " " "	Re-forming .. .. .	.. .. .	·67	..
" " " "	Reinforced concrete culvert, forming and gravelling	.. .. .	·02	..
		Carried forward	82·76	392·05

STATEMENT SHOWING MILEAGE AND LOCALITY OF WORKS CONSTRUCTED, ETC.—*continued.*

Name of Municipality and Highway.	Particulars as to Locality of Works Constructed.		Mileage of Works Constructed.	
	Permanent Works.	Maintenance.	Permanent Works.	Maintenance.
			Miles.	Miles.
UNDER DIRECT SUPERVISION OF THE BOARD—<i>continued.</i>				
		Brought forward	82·76	392·05
TALBOT SHIRE— Western Highway—Section 1 ..	.. .. .	Supply of 120 cubic yards of metal at Talbot ..	..	..
TAMBO SHIRE— Princes Highway East—Section 4 ..	.. .. .	Removal of old truss bridge at Swan Reach ..	..	..
TRARALGON SHIRE— Princes Highway East—Section 2 ..	Two reinforced concrete culverts and approaches near Traralgon ..	Reinforced concrete bridge near Flynn ..	·02	..
.. .. .	.. .. .	.. .. .	·01	..
WANGARATTA SHIRE— Hume Highway—Section 3 ..	Clearing and forming at Spring- hurst ..	.. .. .	·97	..
WARRNAMBOOL SHIRE— Princes Highway West—Section 3 ..	.. .. .	Supply of 2,180 cubic yards of metal ..	..	..
WERRIBEE SHIRE— Princes Highway West—Section 1 ..	Widening in gravel	Supply of metal and screenings	1·53	..
.. .. .	Widening in concrete and re- surfacing with asphaltic con- crete .. ..	.. .. .	·27	..
.. .. .	Widening in asphaltic macadam (Day labour) .. ..	.. .. .	2·2	..
WIMMERA SHIRE— Western Highway—Section 3 ..	Grading and gravelling between Horsham and Stawell .. ..	.. .. .	1·7	..
.. .. .	Forming and gravelling near Dads- well's Bridge .. ..	.. .. .	·62	..
.. .. .	Forming and constructing a sand clay road .. ..	.. .. .	·4	..
WINCHELSEA SHIRE— Princes Highway West—Sections 1 and 2 ..	Widening, re-sheeting and surfacing with bituminous and asphaltic macadam	Sealing from Armitage's turnoff to the Win- chelsea-Colac shire boundary	6·25	4·7
.. .. .	Supply of screenings—720 cubic yards .. ..	.. .. .	..	..
.. .. .	Construction in asphaltic macadam (Day labour) .. ..	.. .. .	4·68	..
WODONGA SHIRE— Hume Highway—Section 3 ..	Erection of guard fencing .. ..	.. .. .	·09	..
WYCHEPROOF SHIRE— Calder Highway—Section 3 ..	.. .. .	Supply of 3,000 cubic yards of gravel ..	..	..
BENALLA, WANGARATTA, OXLEY, CHILTERN AND RUTHERGLEN SHIRES— Hume Highway—Section 3 ..	.. .. .	Generally throughout .. ..	..	56
SEYMOUR, GOULBOURN, VIOLET TOWN, AND BENALLA SHIRES— Hume Highway—Section 2 ..	.. .. .	Generally throughout .. ..	..	56
SHIRES NOT STIPULATED Western Highway—Section 2 ..	.. .. .	Generally throughout between Ballarat and Middle Creek .. ..	..	36·5
		Total	102·13	545·25