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Transport Communications

Monthly Review



July 1954.

No. 87

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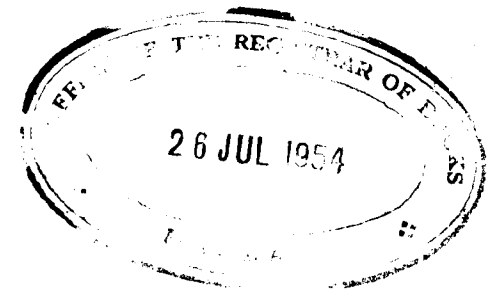
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TRANSPORT- COMMUNICATIONS

MONTHLY REVIEW

JULY 1954—No. 87

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INDIAN ROADS CONGRESS, NEW DELHI.

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Concrete Roads FOR DURABILITY AND ULTIMATE ECONOMY

More and more concrete roads are being built in our country today — testifying to the engineers' faith in the lasting quality of cement concrete. Concrete roads withstand heavy traffic for a number of years. Thus durability is combined with economy, because the first cost is moderate and the cost of maintenance is low.

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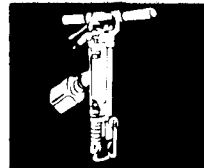
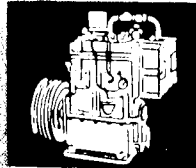
BOMBAY AGRA ROAD

BUILT TO LAST WITH ACC CEMENT

ACC

COMPRESSED AIR EQUIPMENT

STATIONARY COMPRESSORS
Two Stage. Displacements from 80 c. ft./min. to 638 c. ft./min.



ROAD RIPPERS
Weights from

BSY-750



**THICK STUFF -
BITUMEN !**

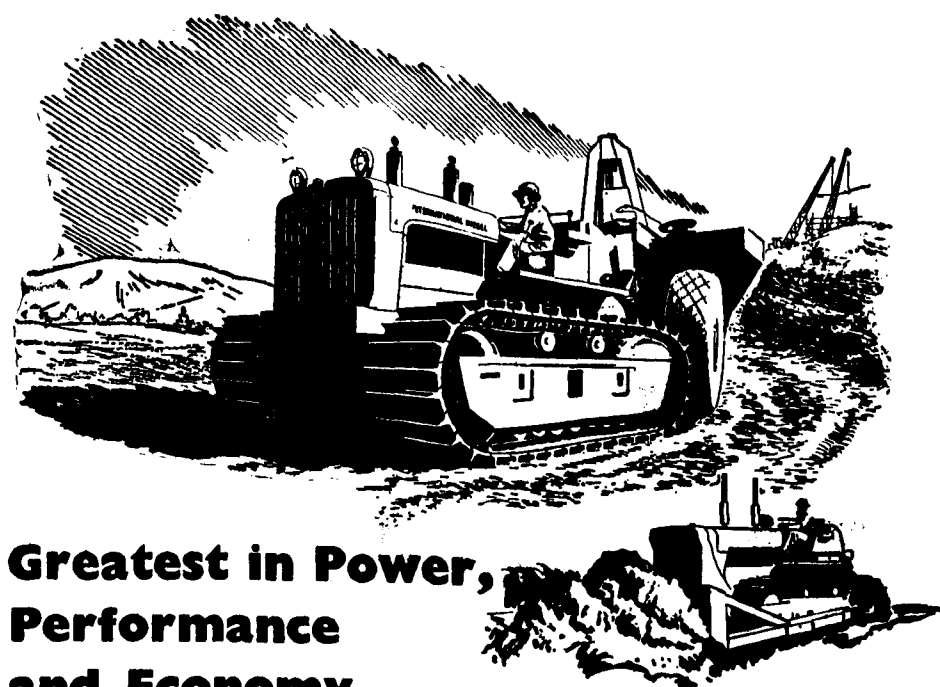
Here's a familiar sight—this gentleman is pouring Bitumen on to a road surface to bind and strengthen it. It is no exaggeration to say that the economy of the country as a whole depends upon good roads. When Bitumen is used in their construction they can withstand present day traffic and monsoon rains.

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For irrigation schemes too, Bitumen is important as it is used for canal linings to prevent seepage and corrosion. It is also used to build airfield runways, to insulate electrical cables, for damp-proof courses and for refrigeration purposes.

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So, next time you are driving along a well-kept road, trying to overtake a heavily-laden lorry or a train of bullock carts, console yourself with the thought that it is really the road surface that's taking most of the strain. Think of Bitumen, and think of Burmah-Shell.



Greatest in Power, Performance and Economy

This giant 'International' TD-24 Crawler Tractor gives 180 B.H.P. — enough for the largest earthmoving, landclearing and roadbuilding jobs. The mighty 4-cycle 'International' Diesel engine has tenacious lugging ability..... Planet power steering with finger-tip hydraulic controls..... Synchronesh transmission permits gear shifting while the tractor is moving without loss of time

TRANSPORT-COMMUNICATIONS MONTHLY REVIEW

A REVIEW OF
ROAD ENGINEERING, DEVELOPMENT & TRANSPORT

JULY 1954

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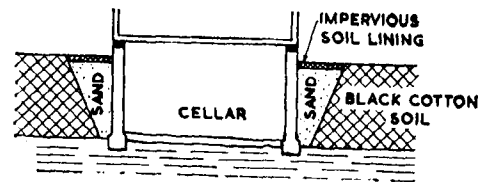
MEASURES TO BE TAKEN DURING ROAD CONSTRUCTION TO PREVENT MALARIA-INDUCING CONDITIONS

In 1947, an expert committee which included representatives of the Road and Railway Engineering Services, Health Department, Town Improvement Trusts and Malaria Specialists recommended certain measures to be taken to prevent conditions likely to induce malaria during the construction of roads and railways. The note published below incorporates the general suggestions of the committee and elaborates on those aspects which apply to roads.—Ed.

thereby put an end, at least as far as the most important public roads are concerned, to the divergent state of the law which has persisted hitherto. On the basis of the experience thus acquired, the Lander of the Federal Republic will, on their part, enact laws at Land level for the roads coming within their jurisdiction in order to assist in achieving a comprehensive standardisation of German laws dealing with road construction. One question which the new law has not

settled, but which is of interest to everybody, is the question of how the new Bundesfernstrassen are to be financed. The present law in fact, declare that the levying of tolls for the use of the road requires the prior promulgation of a law for that particular purpose. This means that Germany is also considering the possibility of financing the construction of new 'Bundesfernstrassen' by raising loans and providing for their amortisation by

It can be economical to introduce a basement to use the inside space of foundation as shown in Fig. 1 (ii).



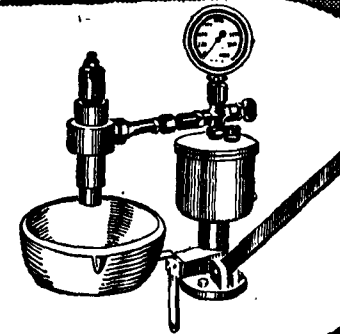
BUDGETS AND ADMINISTRATION REPORTS

GOVERNMENT OF MADHYA BHARAT BUDGET FOR 1954-55

The following extracts relating to Civil Works have been taken from the Madhya Bharat Government budget for 1954-55.

	Rs in lakhs		
	Actuals 1952		

FOR BETTER MAINTENANCE OF YOUR DIESEL ENGINES



ATOMISER TESTING PUMP:

The satisfactory running of an oil engine is largely dependent upon the condition of the Atomiser or Atomisers.



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