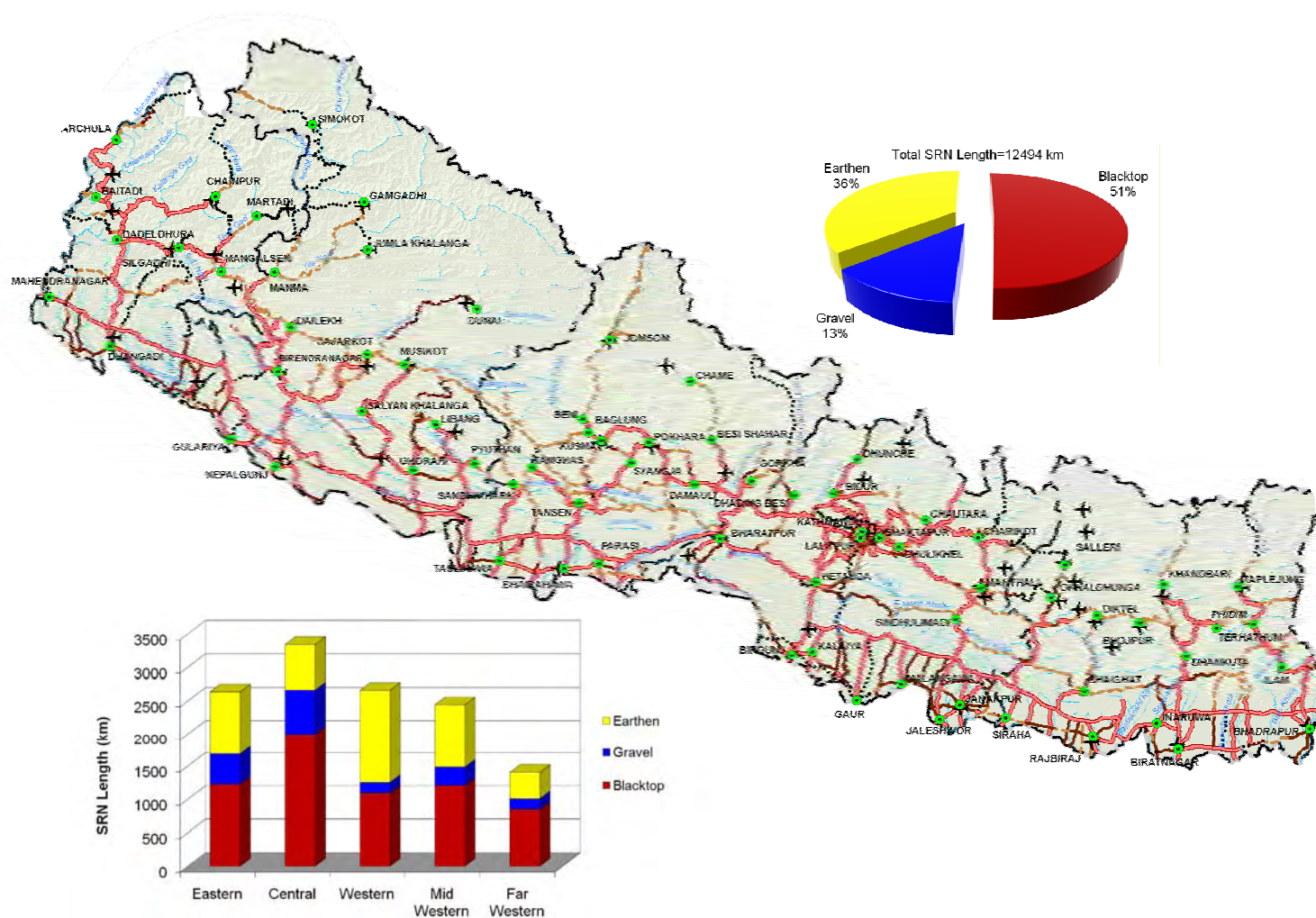




Government of Nepal
Ministry of Physical Infrastructure & Transport
Department of Roads



SSRN 2013/14

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Cover : Strategic Road Network of Nepal
Pie Chart Showing Various Pavement Types of Strategic Road of Nepal
Stacked Bar Chart Showing Strategic Road Length in Various Development Regions

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GIS data processing, road status update using route feature class and final GIS map and data preparation is done by AVIYAAN Consulting (P) Ltd, Kathmandu, Nepal

Foreword

Road data are essential part of road planning. It represents the performance of the road sector projecting an overall growth of road network in the country. The department of Roads has been thus publishing Nepal Road statistics (NRS) every alternate years. Since 2004, the Nepal Road Statistics (NRS) has been renamed as “Statistics of Strategic Road Network (SSRN)” which is more focused on the strategic roads rather than the local roads network which is documented presently through department of Local Infrastructure Development and Agriculture Roads (DoLIDAR).



The present version of the SSRN is an updated version of 2011/12 Road Networks. The statistics on the bridges has been updated based on the Bridge Management Infrastructure System adopted by DOR. This version of the SSRN is also available in digital format in a CD-ROM and can be also accessed through the website at www.dor.gov.np. The listed SSRN has been approved at the cabinet level on 2069/2/12 BS (2012/05/25 AD) and the number of National Highways and Feeder Roads have now reached to twenty one and two hundred nine respectively in numbers. Moreover, the SSRN data is also available in web mapping system which is more comprehensive and the users will be able to collect maximum road data from the single web portal.

Geographical Information System (GIS) has been used to create the present version. The SSRN data are now available in GIS format in “Route Feature Class” data type which are calibrated to the known distances of the roads. This system will be very beneficial in the future for updating of road status as well as expansion of the system to include the road inventory, pavement condition surveys and traffic accident data. This exercise will also support the development of web based road inventory system in the near future.

I am confident that this document will provide valuable information for future road planning and other infrastructure development in the country. I would highly appreciate comments and suggestions on this publication which shall help us in improving for future updates.

I would also like to thank all the personnel and agencies involved in the preparation of this document.

A handwritten signature in black ink, appearing to read 'Devendra Karki', with a long horizontal line extending from the end of the signature.

Devendra Karki
Director General
Department of Roads

Babar Mahal, Kathmandu, Nepal
July, 2014

