

A RECORD OF ACHIEVEMENT OF THE MINISTRY OF TRANSPORT  
OF THE UNION OF SOUTH AFRICA

# A CENTURY OF TRANSPORT



PUBLISHED BY  
DA GAMA PUBLICATIONS LIMITED JOHANNESBURG MCMLX

# CONTENTS

## PART I

	<i>Page</i>
HIGHLIGHTS OF A HUNDRED YEARS .. .. .	ix
HISTORICAL BACKGROUND .. .. .	1
SOUTH AFRICA'S RAILWAY GAUGE .. .. .	15
EVOLUTION OF STATE OWNERSHIP .. .. .	22
RAILWAY FINANCES .. .. .	28
THE PLANNING COUNCIL .. .. .	34
COMMERCIAL .. .. .	37
THE STAFF DEPARTMENT .. .. .	47
OPERATING .. .. .	58
ROAD TRANSPORT SERVICES .. .. .	72
SOUTH AFRICAN AIRWAYS .. .. .	79
CIVIL ENGINEERING .. .. .	85
MECHANICAL DEPARTMENT .. .. .	109
ELECTRICAL DEPARTMENT .. .. .	119
THE RAILWAY BOARD .. .. .	130
THE MEN WHO "BLAZED THE TRAIL" .. .. .	131
BIBLIOGRAPHY .. .. .	136

## PART II

INTRODUCTION .. .. .	139
NATIONAL ROADS .. .. .	141
ONE OF THE MOST HIGHLY MOTORISED COUNTRIES IN THE WORLD	152
ROAD SAFETY .. .. .	162
THE SOUTH AFRICAN TYRE MANUFACTURING INDUSTRY .. .. .	168
ROAD TRANSPORT CONTROL .. .. .	171
PETROLEUM INDUSTRY .. .. .	174
CIVIL AVIATION .. .. .	183
MARINE LEGISLATION .. .. .	193
METEOROLOGICAL SERVICES (WEATHER BUREAU) .. .. .	197
SATOUR (SOUTH AFRICAN TOURIST CORPORATION) .. .. .	202
<i>List of Enterprises</i> .. .. .	263