CONTENTS

INTRODUCTION 7

1	Picture Essay: The Great Invention 16	į
2	THE ARRIVAL OF STEAM Picture Essay: An Iron Horse on Tracks of Steel 38	30
3	"THE THUNDER OF THE FAST EXPRESS" Picture Essay: The Way to Run a Railroad 62	52
4	FROM FLIVVER TO FASTBACK Picture Essay: The Impact of the Auto 86	76
5	ARTERIES OF CIVILIZATION Picture Essay: A Nation on Wheels 108	100
6	HURDLING NATURE'S OBSTACLES Picture Essay: The Art of Bridge Building 132	122
7	THE DILEMMAS OF DOWNTOWN Picture Essay: Cities without Congestion 156	146
8	THE AUTOMATED WHEEL Picture Essay: Tomorrow's Vehicles 178	168

Five Champions among Bridges 193

The Power Flow in an Automobile 194

Further Reading and Acknowledgments 196

Index 197

Picture Credits 200