1. Record Nr. UNINA9910459635803321 Autore Lay M. G. **Titolo** Handbook of Road Technology, Fourth Edition / / M. G. Lay Boca Raton, FL:,: CRC Press,, 2014 Pubbl/distr/stampa **ISBN** 0-429-17598-1 1-4822-8866-4 1-283-24099-8 9786613240996 1-134-02832-6 0-203-89253-4 Edizione [4th ed.] Descrizione fisica 1 online resource (942 p.) Disciplina 625.7 Soggetti Roads Highway engineering **Pavements** Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references (p. [869]-882) and index. Nota di contenuto Book Cover; Title; Copyright; Contents; Acknowledgments for the Fourth Edition; CHAPTER ONE: Introduction; CHAPTER TWO: Definitions; CHAPTER THREE: History of Roads; CHAPTER FOUR: The Management of Roads: CHAPTER FIVE: The Management of Roads: CHAPTER SIX: Road Location: CHAPTER SEVEN: Residential Streets: CHAPTER EIGHT: Pavement Materials: CHAPTER NINE: Water in Pavements: CHAPTER TEN: Stabilisation; CHAPTER ELEVEN: Pavement Design; CHAPTER TWELVE: Bituminous Pavements; CHAPTER THIRTEEN: Drainage; CHAPTER FOURTEEN: Pavement Performance: CHAPTER FIFTEEN: Bridges CHAPTER SIXTEEN: Driver BehaviourCHAPTER SEVENTEEN: Traffic Flow and Capacity; CHAPTER EIGHTEEN: Speeds; CHAPTER NINETEEN: Road Geometry; CHAPTER TWENTY: Intersections; CHAPTER TWENTY-ONE: Traffic Signs; CHAPTER TWENTY-TWO: Pavement Markings; CHAPTER

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Sommario/riassunto

"This fully revised fourth edition of Max Lavs well-established reference work covers all aspects of the technology of roads and road transport, and urban and rural road technology. It forms a comprehensive but accessible reference for all professionals and students interested in roads, road transport and the wide range of disciplines involved with roads. International in scope, it begins with the preliminary construction procedures; from road planning policies and design considerations to the selection of materials and the building of roads and bridges. It then explores road operating environments that include driver behaviour. traffic flow, lighting and maintenance, and assesses the cost. economics, transport implications and environmental impact of road use. It draws on Max Lays unparalleled consulting and operational experience in the financing, planning, design, construction, operation and management of roads in various countries. It forms an indispensable resource for transport planning, engineering, operations and economics."--Provided by publisher.