DESCRIPTION

The only modern guide to the practical aspects of tunnel construction, this book provides readable, non-technical discussion of all factors of driving a tunnel, from introductory topics to comprehensive analyses of geotechnical considerations. Engineers, construction contractors, and other professionals involved in driven tunnel projects will gain insight into the state-of-the-art of tunnel construction, learn about the effects of geotechnical conditions on tunneling, and be able to choose the best tunneling method for a given situation, whether TBM, EPB, Roadheader, NATM, Drill & Blast, or soft ground tunneling.

ABOUT THE AUTHOR

GARY B. HEMPHILL, PhD, PE, has more than thirty years of experience in the domestic and international construction industry. He has served as the project manager, designer, estimator, construction manager, field engineer, tunnel/shaft engineer, and project engineer on major projects throughout the world, including the Dallas Area Rapid Transit rail extension and the Taiwan High Speed Rail Project. He is the author of Blasting Operations.