



# Condiciones Técnicas para la Ejecución de Infraestructuras de Movilidad y Transporte en Bogotá [

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text (article)

Analítica

Background: Currently Colombia has a process of rapid economic growth, due to its attractive geopolitical situation and excellent potential for the exploitation of natural resources. But there is a serious shortage of infrastructures for mobility and transport in rural and urban areas, which directly affects to these economics process, worse if we consider that the mobility land nets connecting the country are really inefficient. In most of metropolitan areas the situation becomes critical as in Bogotá, a city on which have been done many studies of people transport networks that are not technically executables because they don't respond totally to the complexity of the territory. Objective: This introductory text to others more specific by the same authors, contains the basic parameters sometimes overlooked in technical feasibility studies, in order to contribute with this contents as a reference's consults to all the people (as well as future users) that can be involved in the develop of studies for building infrastructure of mobility and transport with emphasis in Bogota, but knowing that some of its contents can be also a model for other cities. Methods: Through a comprehensive analysis based mainly on secondary information (aerial photographs, satellite images, site photographs, seismic microzonation, etc...) and experiences elsewhere, were identified neuralgic sites in Bogotá with mobility problems and presence of existing rail corridor for possible future implementation of an Integrated Transport System, using different types of connection networks, considering the needs of Bogotá and its regional connection in the short (5-8 years), medium (5 to 10 years) and long term (15-30 years) with a projection 30 years. Results: According to different variables that control constructive aspects of the city, such as the geotechnical complexity, management culture, resources, construction technology, among others, was achieved conceptually, to design different construct

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