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2009年第1期



城市轨道交通客流预测专题

2008年第6期



步行与自行车交通专题

过刊检索

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内容

城市道路网络合理等级级配探讨 点击数: 492

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摘要: 提出道路功能不分、路网级配不合理是当前城市交通问题存在的直接原因之一。以中、美两国为典型, 比较了国内外道路分级方法的异同, 分析了国内部分城市路网级配失衡的现状。对影响道路网络级配的因素进行深入分析, 按作用方式和作用方位将其分为4类, 分别对各种因素进行了详细阐述。在此基础上, 结合道路的功能特点, 提出了调整规范推荐级配的定性方法和基于车流合理分担率计算级配的定量方法。

关键词: 城市道路; 网络; 等级级配; 车流; 分担率

Discussion on Appropriate Grade Proportion of Urban Road Network

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Abstract: According to the urban traffic problems at hand, it points out that the obscure road functions and unreasonable network grade proportion is one of the direct causes. In the paper, similarities and differences of methods for the road-grade division are compared at domestic and abroad, taking China and USA as typical illustrations, and the present situation of unbalanced network grade proportion in some cities is analyzed. Factors impacting network grade proportion are deeply analyzed, which are divided into four categories by methods and positions they act on it, with every factor being expatiated respectively. On the base of the analysis, concerning the functional characteristics of the urban road, it puts forward a qualitative method to adjust the grade proportion recommended by the national criterion and a quantitative method to calculate grade proportion basing on appropriate traffic volume distribution.

Keywords: urban road; network; grade proportion; traffic volume; distribution