



公交专用道路段停靠站与人行横道协调设计

Coordinated Design of Mid-block Bus Stops and Crosswalks on a F

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中文摘要

综合考虑行人的安全、便捷和公交车辆的效率因素, 详尽分析了停靠站位置、人行横道位置及停靠站与人行横道间距等3个关键条件下路段停靠站与人行横道协调设计模型, 系统地提出了适用于包括路中式和路侧式专用道、有信号控制和无信号控制条件下的协调了完整的应用。

英文摘要

The safety and convenience of pedestrians and the efficiency of buses were considered comprehensively. Based on bus stops position, crosswalks position and distance between stops and crosswalks, a coordinated design model for mid-block bus lane was built. Then, coordinated design methods of the two were proposed systematically. Finally, the methods were applied to complete applications under various conditions including center-lane and side-lane bus lanes, with and without signal control.