

DESIGNING A NEW PUBLIC TRANSPORT SYSTEM FOR PITESTI CITY

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Abstract

In order to achieve the tasks of the research contract [3], the authors have done some researches to realize the diagnostic analyze of the actual public transport system and to evaluate the transport demand. The results obtained allowed to identify the possibilities to modernize the public transport system, and one of the important stages was to design the transport system. Based on the daily travelers' flows there were determined the bus fleet sizes for each transport route and, finally, the total bus fleet size. Considering the average traffic speed, it was established the transport schedule for each of public transport route. To achieve an increase of public transport efficiency, the authors proposed to be organized a new bus rapid line for Bascov – Arpechim route.

Keywords

Public transport system, transport demand, daily traveler's flows, transport schedule, bus fleet.