

# 교통혼잡지역 신교통수단 도입을 위한 타당성 분석 (A new transit system feasibility study)

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## Abstract

There are many congested road sections in kangnam area in seoul. The congestion is caused by radically increased carownership, low coverage of road, low mode share of transit. The congestion lasts all day and the excessive social · economic loss from it is enormous.

In this project we have tried to find out some way of increasing transit mode share rather than private vehicles and launch new transit mode to solve congestion problem in the aspect of transportation demand management.

The object of the project is to suggest new transit system to make up for the weak points of existing transits system and to evaluate the propriety of new transit mode in Kangnam area and set up Master Plan

The time element of the project is as follows.

The Basic Year	Phase 1	Phase 2	Phase 3
1999	2006	2011	2021

The spatial element of the project is as follows

Direct Influenced Area	Kangnam-gu
Indirect Influenced Area	Seoul, Adjacent area and The Metropolitan area

In this project, we analyzed the present conditions of city & transportation system in target area, forecasted transport system in future urban area, decide the role of new transit within existing transport system in Kangnam-gu area and propose alternative systems and routes and forecast transportation demand.

We examined and evaluated the economic and financial propriety of proposed new transit system and route.