

## 소음지도를 이용한 방음벽 최적화 연구

### **A Study on the Optimum Design of Noise Barrier to Utilize Noise Map**

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**Key Words** : Road Traffic Noise Map(도로교통 소음지도), Noise Prediction (소음예측), Noise barrier(방음벽)

**Abstract** : Noise barrier is the most general means for reduction of road traffic noise. But excessive construction of noise barrier brought increase of expense and infringement of the right to a view. In order to solve this problem, the research of noise barrier is being carried away. But, existent method is difficult topography model creation and estimation of wide area is limited. This research studied optimum design of noise barrier to utilize noise map.