幹道號誌連鎖分析之比較-以台南市東門路為例

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摘要

Pre-timed signal control strategy is an important and fundamental control measure for urban traffic, especially for arterial streets. In practice, several signal optimization models have been widely used to generate basic signal timing settings. This research aims at studying performance of two signal optimization software, TRANSYT-7F and Synchro for arterial streets. System performance for the generated control settings are simulated through, DynaTAIWAN, a traffic simulator. Numerical experiments are conducted on a real arterial network, Dung-Men Road, in Tainan City. The results show that TRANSYT-7F achieves better under the same network setups.

關鍵字：Coordinated Signal Timing、Synchro、TRANSYT-7F