

Sataporn Kuntajat 2011: Capacity and Level of Service of Uninterrupted
Flow Facilities Analysis Program. Master of Engineering (Civil Engineering),
Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor:
Associate Professor Pongsak Suriyavanagul, Ph.D. 197 pages.

The purpose of this research was to study capacity and level of service of uninterrupted flow facilities analysis program to help in analyzing capacity and level of service of ways with the aim to accuracy in working and enhance speed and also making decision in designing highways. This research based on standard of capacity and level of service according to the standard of Highway Capacity Manual (TRB, 2000). The program comprises of 5 main parts: ending capacity and level of service of uninterrupted flow facilities analysis program for Two Lane Highways, Multilane Highways, Basic Freeways sections, Freeways Weaving and Ramps and Ramp junctions.

The program developed from PHP.NET program which for internet access with table format in value input and result that simply to key in and comprehend the result. The developed program testing show conveniently and accelerate the analysis report for efficient usage.

Student's signature

Thesis Advisor's signature

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