

Nivat Phasuk 2006: A Study of Traffic Characteristic and Parking of Home Appliance Store. Master of Engineering (Civil Engineering), Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor: Associate Professor Pongsak Suriyavanagul, Ph.D. 82 pages.  
ISBN 974-16-2720-3

The objective of this study was to analyze the parking characteristics in Home Appliance Store. The study included parking duration, parking volume, cordon count and analysis of the parking demand in study areas. There were two areas of the case study: Khonkaen and Udonthani provinces. The parameters were collected during 08.30 a.m. to 06.30 p.m. on Friday and Saturday. The results showed all areas were parking lots and that 85 percent of the vehicles park less than one hour and 12 minutes. Parking volume between Friday and Saturday at each study area was not different with confidence level of 95%. The study of relationship between the floor area and traffic volume found that the vehicle trip rate was 5.05 vehicles per day per 100 m<sup>2</sup>. The average vehicle occupancy was 1.56 people per vehicle.

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24 / 10 / 06