

C117233 : MAJOR SURVEY ENGINEERING

KEY WORD: NAVIGATION / DIGITAL MAP / GPS

TAWEESAK PUTTAWANNACHAI : REALTIME POSITION DISPLAY OF VEHICLE
ON MAP USING GPS. THESIS ADVISOR : ASSI. PROF. SOOTTIPONG
WINYOOPRADIST, M.S. 86 pp. ISBN 974-583-123-9

The topic of this thesis is to study the methodology of using GPS for fixing vehicle position. Software was written to display map, co-ordinate, direction and velocity of vehicle. The suitable mapping scale for graphic representation is between 1:10,000 to 1:50,000. The driver feels more convenience when the map was shown in the conventional format. To achieve more accurate results, it is highly recommended that Kinematic GPS Positioning should be performed. This software is able to be developed to use in the application of Route Map Revision, Boundary Survey.