

Legislation of ITS Development in Taiwan

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Abstract

The Intelligent Transportation Systems (ITS) development in Taiwan has formally moved from pilot study and test/evaluation stage into deployment/implementation stage. Therefore, it is necessary to have legal rules to encourage the private investment on ITS activities to accelerate the ITS infrastructure construction projects and ensure the sustainability of these projects. Besides, issues on the legislation of ITS development including funds resources, fiscal year's budget determination and implementation, cooperation and coordination of different administrative organizations, invasion of intellectual property and privacy, monopoly deregulation or redefinition in ITS market, public-private cooperation mechanism, standardization and special technologies procured by the government etc. should also be reviewed to develop an effective and equal environment to implement ITS services in future. This research analyzes the legislation framework and contents of "ITS Developing Law" based on the ITS development needs in Taiwan. Results of this research include ITS legislation issues, schedule and demand of "ITS Developing Law". A draft with 12 sections' regulations of "ITS Developing Law" has been also identified to be the basis contents of "ITS Developing Law". By following these legislation achievements, we hope the ITS projects will be implemented efficiently and equally to achieve the goals of ITS development in Taiwan.

Keyword : Intelligent Transportation Systems, Legislation, Public-Private Cooperation.