

# Title 1 Measures Regarding the Safety of Land Transport

## Chapter 1 Measures Regarding Road Transportation Safety

### 1 Improvement of Road Traffic Environment

From the point of view of forming a traffic society that corresponds to the changes of an aging social population, protects children from accidents, and where the elderly can go outside both safely and with ease, efforts are being made to strengthen the people-prioritized improvement of road transport environment with guaranteed safe and secure pedestrian spaces such as the sidewalks in school zones, residential roads, and central roads in urban area.

In addition, in order to contribute to the promotion of road safety by aiming at the facilitation of road traffic, seeking to improve the road usage methods, in addition to comprehensively promoting measures traffic demand management (TDM) that improves transportation efficiency by equalizing temporal and spatial traffic volume, using state-of-the-art IT, constructing an integral system of cars, people and roads, while delivering improved safety, efficiency and comfort of transportation, the development and dissemination of Intelligent Transport Systems (ITS) that aims to contribute to environmental conservation through facilitation of transportation, such as the reduction of congestion, is promoted.

- (1) Improvement of people-first pedestrian spaces offering safety and security
- (2) Promotion of traffic safety measures on highways
- (3) Promotion of projects for the development of traffic safety facilities
- (4) Promotion of effective traffic regulations
- (5) Comprehensive development of bicycle use environment
- (6) Application of Intelligent Transport Systems (ITS)
- (7) Promoting Transportation Demand Management (TDM)
- (8) Improvement of road transport environment preparation for disaster
- (9) Promotion of comprehensive parking measures
- (10) Enhancement of road traffic information
- (11) Improvement of road traffic environment contributing to road safety

### 2 Dissemination and Reinforcement of Traffic Safety

Traffic safety education policies (National Public Safety Commission Notification No. 15, 1998) are applied, and a gradual and moreover systematic traffic safety education is put into place that caters to the psychosomatic developmental stage and life stage of everyone from children to adults. In the advancement of aging society, in addition to raising the traffic safety awareness of the elderly themselves, the characteristics of elderly people must be known to other generation, so that the elderly people are protected, and education for growing awareness of consideration for the elderly is strengthened. Furthermore, guidance is strengthening in relation to the safe use of bicycles for elementary, junior high and high school students who use bicycles frequently; and this becomes a foundation for the education of future drivers.

- (1) Promotion of a gradual and systematic road safety education
- (2) Promotion of effective road safety education
- (3) Promotion of awareness-raising activities concerning traffic safety
- (4) Promotion of voluntary activities of private organizations concerning traffic safety
- (5) Promotion of community participation and cooperation

### 3 Ensuring Safe Driving

In order to ensure safe driving, it is necessary to improve the ability and quality of drivers. Therefore, efforts are made to enhance driver education not only for drivers but also for persons who are seeking to acquire a driver's license. In particular, attention is being focused on augmenting education for elderly drivers, whose number is expected to increase greatly in the future. Necessary improvement will be made for the driver's license system that takes into consideration the recent traffic conditions.

In addition, future changes in the vehicle transport industry must be focused on and emphasis is placed on the responsibility and role of businesses to promote the voluntary safe driving management

measures and augment the safety measures for vehicle transport operations. Furthermore, initiatives for preventing traffic labor accidents are in progress, the "Transport Safety Management System" is being augmented, and effort is made on the further improvement of safety.

- (1) Augmentation of driver education
- (2) Improvement of driver's license system
- (3) Promotion of safe driving management
- (4) Augmentation of safety policies of vehicle transport operators
- (5) Prevention of traffic labor accidents
- (6) Augmentation of information provision concerning road traffic

#### 4 Ensuring Vehicle Safety

As measures for advancing decreasing number of fatalities and injuries in the future, adding to the evolution and maturation of victim mitigation measures that have been effective up until now, efforts are being made to apply and augment advanced technology with regard to preventive safety measures that prevent accidents. Also, in order to promote vehicle safety measures, regulations and inductive policies must be collaborated comprehensively and effectively; not only are safety-related standards expanded and strengthened, but policies that promote development of safe vehicles by auto manufactures and research institutes, and policies that promote users choices for safe cars should be properly implemented with each step from basic research to actual use and dissemination. Furthermore, in order to reduce the possibility of accidents resulting from defects, proper maintenance management for vehicles by the user is being promoted.

- (1) Development, utilization and dissemination of preventive safety technology
- (2) Promotion of improvement of standards relating to vehicle safety
- (3) Provision of automobile assessment data
- (4) Augmentation of vehicle inspection and maintenance
- (5) Enhancing and strengthening the recall system
- (6) Ensuring bicycle safety

#### 5 Improvement of Rescue and Emergency Medical System

In order to rescue the injured people from car accidents and minimize the damage, the collaboration between the fire department, medical institutions and related organizations is strengthened so as to respond swiftly to road traffic accidents including national highways. Augmentation is also being made to the educational training of emergency personnel, emergency systems and emergency medical treatment systems.

Moreover, in order to particularly improve the rescue rate and effect of injured person, a system is improved that makes it possible to offer swift and moreover advanced emergency medical care and first-aid treatment of emergency staff including doctors, nurses and emergency response personnel at the emergency site or while being transported to a medical facility. The dissemination of carrying out first-aid by bystanders (those who were present at the scene) for the emergency maintenance system on the accident is also being promoted.

- (1) Improvement of rescue and emergency system
- (2) Improvement of emergency medical treatment system
- (3) Ensuring a cooperative relationship among emergency-related organizations

## Chapter 2 Measures Regarding Railway Transport Safety

### 1 Improvement of Railway Environment

In order to ensure rail transportation safety, a high level of reliability is maintained in regard to the railway and operational safety equipment for rail facilities. It is also necessary to create the basis of safety as an overall system. Therefore, a thorough management of rail facility maintenance is encouraged alongside the improvement of operational safety equipment and the strengthening of railway structure quake resistance as safety measures.

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| <ol style="list-style-type: none"><li>(1) Inspections and maintenance of rail facilities</li><li>(2) Improvement of operational safety equipment</li><li>(3) Strengthening of railway earthquake countermeasures</li></ol> |
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### 2 Ensuring the Safe Operations of Railways

In order to prevent serious train accidents, the retention of train driver quality, analysis and utilization of risk information and accident information, of safety measures in the event of an earthquake, and the augmentation of weather information are promoted. In addition, conducting security audits along with appropriate guidance to railway operators for quick and accurate response in the event of a major accidents and disasters occurrence.

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| <ol style="list-style-type: none"><li>(1) Retention of train driver quality</li><li>(2) Analysis and utilization of risk information</li><li>(3) Augmentation of weather information</li><li>(4) Implementation of security auditing for railway operators</li><li>(5) Appropriate response when a major accident occurs</li><li>(6) Augmentation of transportation safety management</li></ol> |
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