

**Chapter 1 Measures Regarding Road Transport Safety****1. Improvement of the Road Traffic Environment**

With respect to the development of the road transport environment, measures have been promoted so far by relevant organizations including the National Police Agency and the Ministry of Land, Infrastructure, Transport and Tourism both for arterial roads and community roads. Through these efforts, accidents have been found to be reduced on any road types at a certain degree.

However, it is necessary to promote further safety measures on community roads on which many pedestrians and bicycles move around because the percentage of the number of facilities while walking and riding on a bicycle in Japan is about 2 to 3 times higher than that of the United States and main European countries. For this reason, for the future development of the road transport environment, the effort will be made separate the functions between arterials roads that play the central role in vehicle traffic and “life roads” (community roads) will be made.

In addition, from the perspective of forming a traffic environment in which children are protected from accidents and the elderly and persons with disabilities can go out safely and securely as our aging society with declining birthrate advances, we will enhance the road traffic environment so as to provide safe and secure walking space.

In addition, in order to contribute to the promotion of traffic safety by smoothing road transport, policies of Transportation Demand Management (TDM) designed to improve transport efficiency and level the traffic volume in terms of time and space are comprehensively promoted, and then development and spread of Intelligent Transport Systems (ITS) designed to build people, roads and vehicles as an integrated system using the most advanced technologies and improve safety performance, transport efficiency and comfortability and contribute to environment maintenance through traffic smoothing and reduction of traffic jams are promoted.

- Develop safe and secure walking spaces on community roads where pedestrians are given priority
- , Separate functions of community roads by further promoting the use of expressways
- f Promote traffic safety measures in arterial roads
- ” Promote projects to improve traffic safety facilities
- ... Adoption of a universal design in walking space
- † Promote removal of utility poles
- ‡ Promote effective traffic regulations
- ^ Enhance environment to promote use of bicycles in a comprehensive manner
- %o Introduce Intelligent Transport Systems
- § Promote traffic demand management
- ♣1 Improve road traffic environment in anticipation of a disaster
- ♣2 Promote parking measures in a comprehensive manner
- ♣3 Improve road traffic information
- ♣4 Improve road traffic conditions to increase traffic safety

**2. Dissemination and Reinforcement of Traffic Safety**

We will conduct stepwise and systematic traffic safety education to infants and adults alike in accordance with their mental and physical development and life stages based on the Traffic Safety Education Guidelines (Notification No. 15 of 1998 by National Public Safety Commission) in the midst of progress in aging, and we will not only improve safety traffic awareness on the part of elderly people, but also strengthen enlightenment guidance for people of other generations to understand the characteristics of elderly people, protect them and improve their awareness towards elderly people. Further, we will provide education to pupils and students of elementary schools, junior highs and high schools with many opportunities to ride on a bicycle, as members of traffic society, on basic knowledge about road traffic for bicycle users and traffic safety awareness as well as traffic manners.

- Promotion of stepwise and systematic road safety education
- , Promotion of effective road safety education
- f Promotion of awareness-raising activities concerning traffic safety
- " Promotion of voluntary activities of private organizations concerning traffic safety
- ... Promotion of community participation and cooperation

### 3. Ensuring Safe Driving

Since it is necessary to improve abilities and attributes of drivers to ensure safe driving, we will enhance driver education for not only drivers, but also for people who will obtain driving license in the future. In particular, we will enhance education to elderly drivers who are expected to increase in number significantly in future.

In addition, we will promote measures for elderly drivers with a view to further reducing traffic accidents through smooth operation of the “Act for Partial Revision of the Road Traffic Act” (Act No. 40 of 2015) enacted on March 12, 2017.

In view of changes in motor carrier business in the future, we will not only urge companies and business establishments to voluntarily promote safe driving management measures and enhance safety measures, in consideration of the role played by them and responsibility, but also promote efforts to diffuse the guidelines for prevention of traffic work accidents in cooperation with related organizations. In addition, we will utilize nationwide traffic safety campaigns and general transportation safety checks during year-end and New Year holidays to promote safety measures. In addition, in order to ensure safe and secure operation of charter buses, we will steadily implement the “comprehensive measures for realizing safe and secure charter bus operation” consisting of 85 items which were wrapped up in view of the Karuizawa ski bus accident occurred in January 15, 2016.

Furthermore, we will ensure safe operation of business vehicles by promoting safety measures based on the “Comprehensive Safety Plan for Business Vehicles 2020.”

In addition, we will urge operators to increase their efforts on the transportation safety management system whereby operators are obliged to build and improve their safety management system in conjunction with employees and the government checks the implementation status in light of the report of the Transportation Council (July, 2017), and will enhance and strengthen transport safety management assessment. We will also complete checking of the safety management system of all charter bus operators by FY2021 and will perform their assessment also in FY2018.

- Enhance driver’s education
- , Improve the current driving license system
- f Promote safe driving management
- " Encourage land transportation operators to enhance their safety measures
- ... Prevent traffic work accidents
- † Enhance information related to road traffic

### 4. Ensuring Vehicle Safety Measures

Although the number of traffic accident fatalities has been on a decreasing trend in recent years, 3,694 people were killed in 2017 and many lives are still lost in traffic accidents. The target to reduce the number of traffic fatalities to 2,500 or less by 2020 is set in the 10th Fundamental Traffic Safety Program (FY2016 to FY2020).

In order to achieve this target of reducing the number of traffic accidents, the 3 policies of “Expansion and Strengthening of Safety Standards,” “Plan to Promote Advanced Safety Vehicle (ASV)” and “Automobile Assessment” will be organically coordinated with each other to promote vehicle safety measures.

From the perspective of the prevention of traffic accidents of elderly drivers, we will promote the diffusion of safe driving support vehicles (Sapocar S) which are equipped with advanced safety technologies such as collision damage mitigation brake.

Furthermore, since many components that wear and deteriorate with use such as a brake pad, a tire, etc., and components that deteriorate with time without use such as rubber parts like belts are used in automobiles, the possibility of accidents due to failures will increase unless proper maintenance management is provided. Therefore, it is necessary to promote proper maintenance management of automobiles. For this reason, we will continue to urge vehicle users to conduct inspection and maintenance and oblige regular inspection of spare tires, etc. of large vehicles.

- Promote the improvement of standards on the vehicle safety
- , Provide information on vehicle assessment
- f Enhance inspection and maintenance of vehicles
- " Enhance and strengthen the recall system
- ... Securing of bicycle safety

### 5. Improvements of Rescue and Emergency Medical System

It is aimed to develop rescue and emergency systems as well as emergency medical systems by securing a close coordination and cooperation between emergency medical institutions including fire departments so as to deal with road traffic accidents promptly including those on expressways in order to save the lives of people injured in traffic accidents and minimize damage.

In particular, to further improve survival rate and life-saving effects of injured people, we will promote the development of systems to allow doctors, nurses, emergency medical technicians, rescue workers to provide emergency medical treatment, first aid, etc.

- Develop rescue and emergency systems
- , Develop emergency medical systems
- f Secure a close coordination and cooperation between emergency medical institutions

## Chapter 2 Measures Regarding Railway Transport Safety

### 1. Improvement of Railway Environment

In order to secure railway traffic safety, it is necessary to maintain highly reliable railway facilities including railway tracks and operational safety equipment and build a highly overall safety system. To this end, it is intended to maintain railway facilities in best conditions at all times and promote safety measures by developing operational maintenance equipment and strengthening of railway structures against earthquakes.

- Improving safety performance of railway facilities
- , Strengthening measures against earthquake of railway facilities
- f Promoting countermeasures against aging railway facilities
- " Promoting barrier-free environments through the development of fall protection equipment such as platform doors

### 2. Ensuring the Safe Operation of Railways

In order to prevent serious railway accidents and based on the results of the study regarding the review of safety audits implemented in FY2014 in light of the problem of the JR Hokkaido in relation to safety audit to railway operators, enhancement of safety audit will be carried out through the implementation of unambiguous and more effective safety audit including the implementation of a temporary safety audit when the same kind of troubles occurs apart from the scheduled safety audit, and when a large scale accident occurs, it will be dealt with rapidly and appropriately. In addition, the awareness of safety in business operators will be raised using the nationwide traffic safety campaign at the end and beginning of year. Moreover, holding of the qualification of drivers, sharing and use of accident information and information on safety troubles, and enhancement of meteorological information will be carried out.

In addition, we will urge operators to increase their efforts on the transportation safety management system whereby operators are obliged to build and improve their safety management system in conjunction with employees and the government checks the implementation status in light of the report of the Transportation Council (July, 2017), and will enhance and strengthen transport safety management assessment.

- Carrying out safety audit
- , Improve qualifications of train drivers
- f* Sharing and use of information on troubles on safety
- " Enhance weather and other information
- ... Adequate response when a large-scale accident occurs
- † Implementation of Evaluation of Transport Safety Management