

Connected Vehicles (National Police Agency)



Establishment of technology for providing vehicle/pedestrian detection information towards automated vehicles

Object

Developing a roadside system that provides vehicles with information on detected vehicles, pedestrians, etc. not visible from the vehicles.

Project summary

- Examination of the functions of roadside sensors

The most expected target of the detection is as follows:

- ✓ Straight oncoming vehicle when the vehicle is turning right at an intersection
- ✓ Crossing pedestrian when the vehicle is turning right or left at an intersection

- Model system

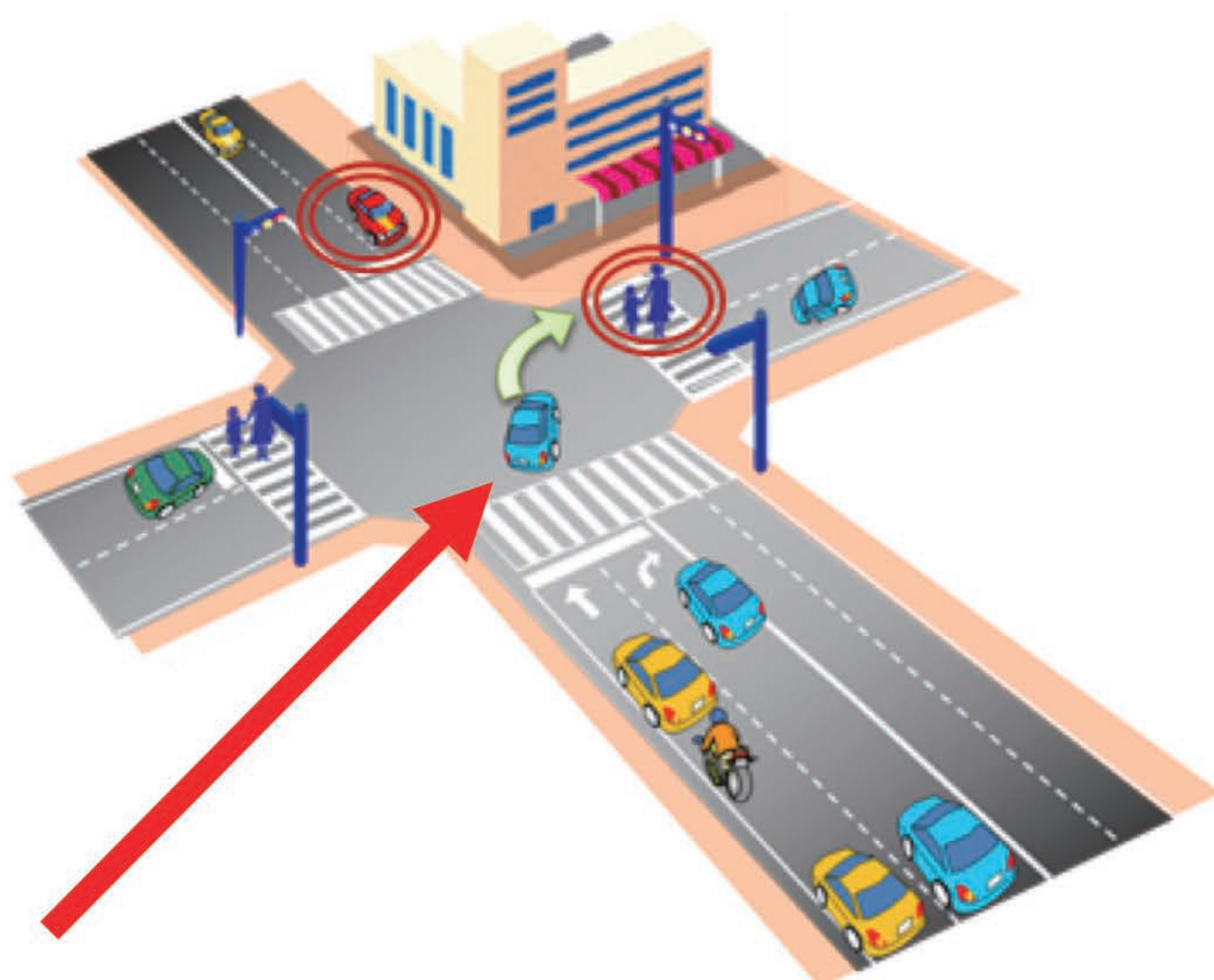
Model system of “pedestrian recognition at left turns enhancement system” was developed for verification.

Future plan

We will confirm the effectiveness of this model system through our Field Operational Test.

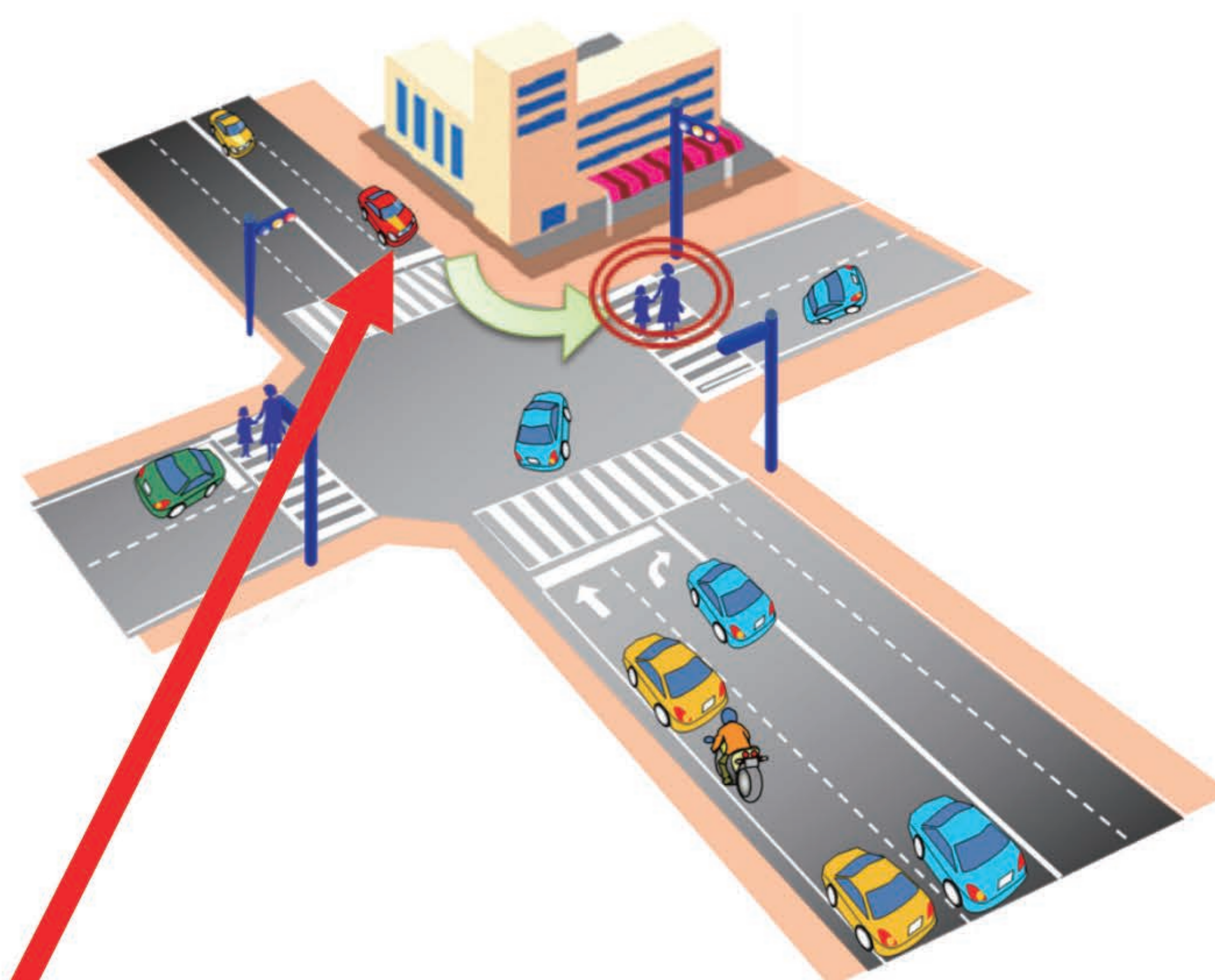
DSSS(Driving Safety Support Systems) aims reducing traffic accidents by providing support to driver’s “recognition,” “judgment” and “operation” using ITS technologies.

【Current system】



- ✓ Right Turn Collision Prevention System
- ✓ Crossing Pedestrian (in the vehicle’s right-turning direction)
- ✓ Recognition Enhancement System

【Additional function】



- ✓ Crossing Pedestrian (in the vehicle’s left-turning direction)
- ✓ Recognition Enhancement System