Road Hazard Condition Monitoring System

● Objective

Enhance safety by utilizing incident data from the probe car before passing the location in question and transmit information on motorcycles and such around that area to aim at improving total safety for motorcycles and automobiles.

● Technology Content

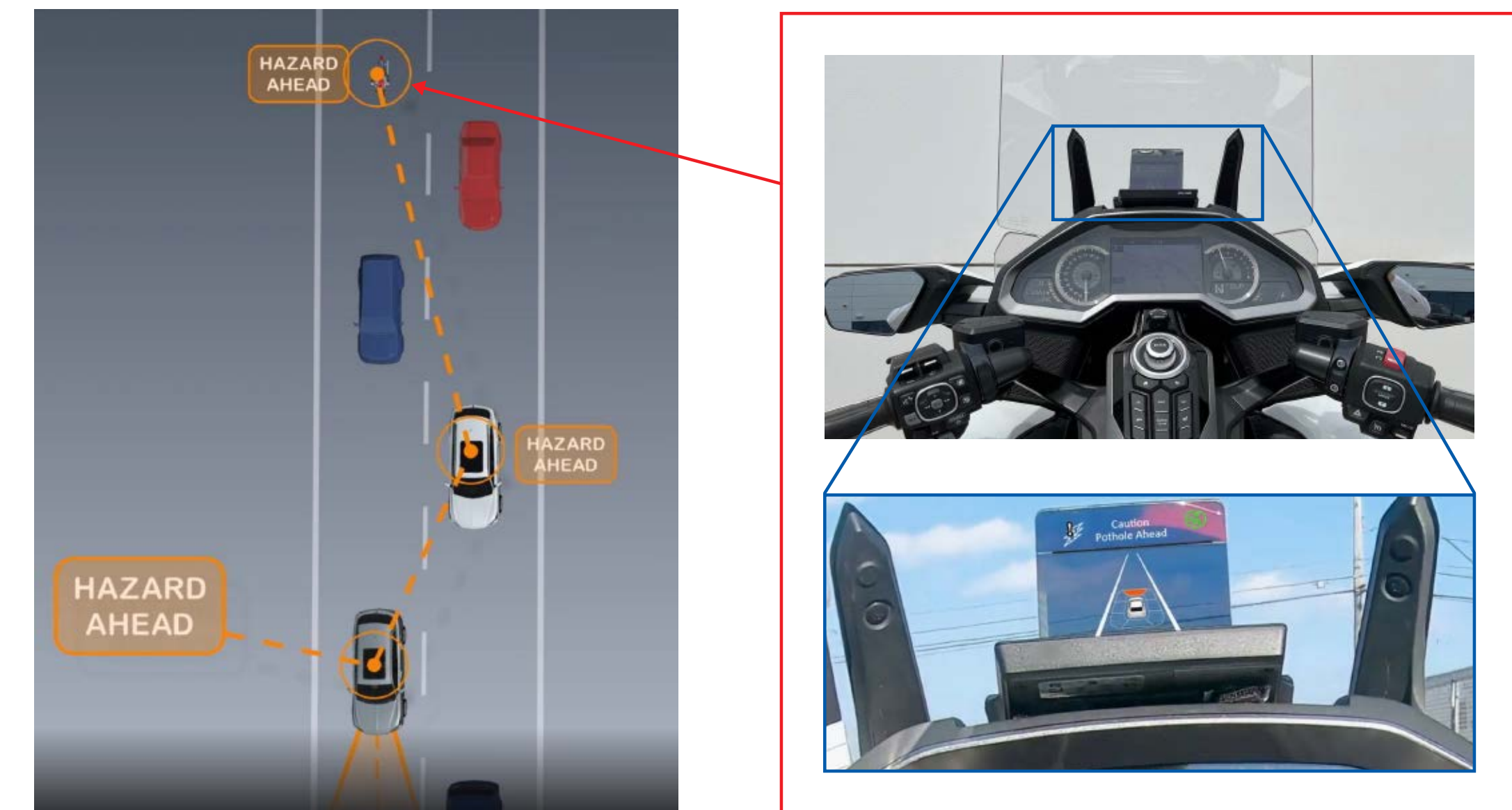### ■ Detection/Recognition of Incident Information

1. Dangerous situations (potholes, animals, bad weather)
2. Lane conditions
3. Construction zones

■ IoT

1. 4G/5G: Sending and receiving of incident data between vehicles and the server
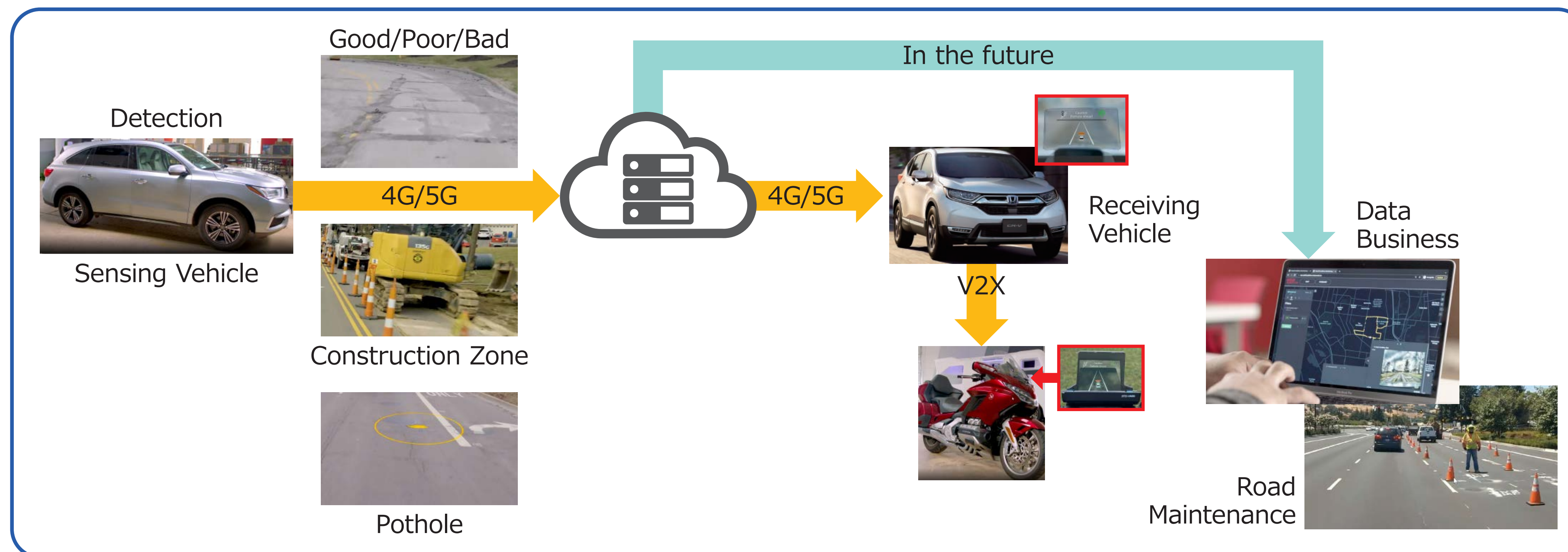2. V2X:　Transferring information to surrounding vehicles

● Technical Features

· Able to attempt to share information with motorcycles and such in the vicinity
· Can be used by road managers for rapid road environment conservation
· Possibility of expansion into new businesses that utilize probe data

Sharing information with motorcycles through V2X technology

● How it Works

総　務　省
Ministry of Internal Affairs and Communications

In Collaboration with The Japan Ministry of Internal Affairs and Communications

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