
Current AHS Activities in Japan

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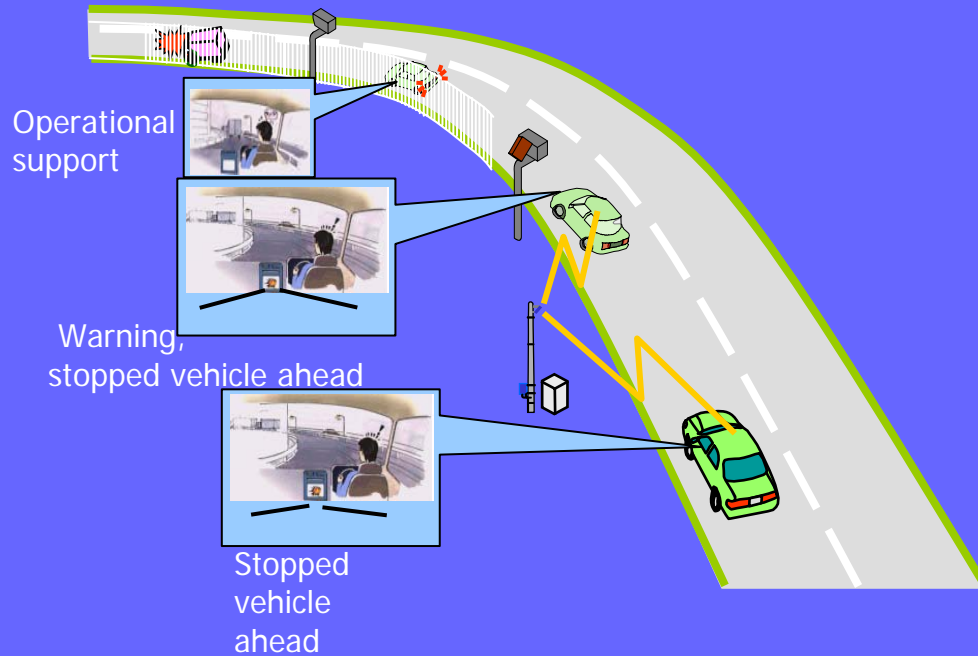


Advanced cruise-assist Highway System

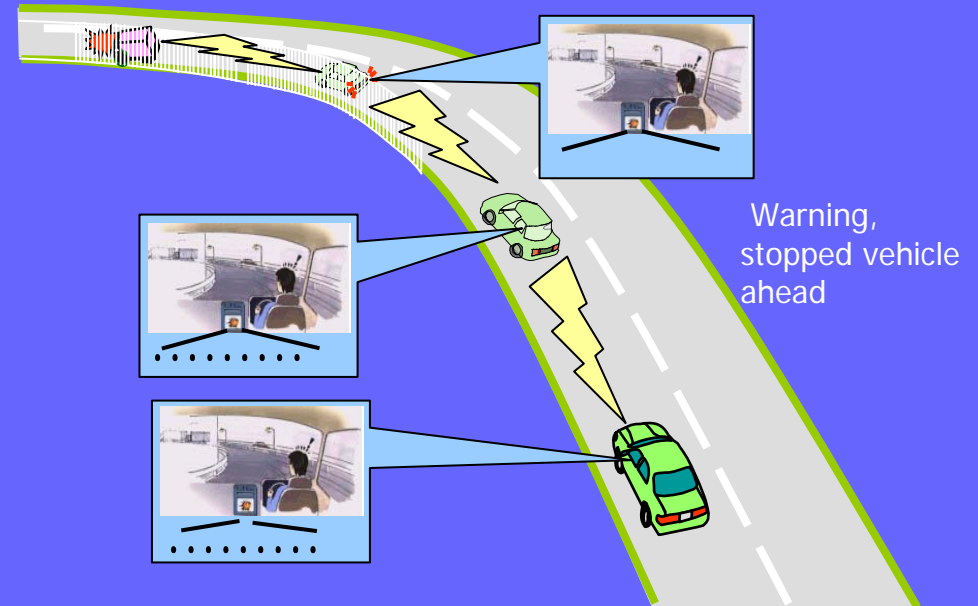
Research Association, Japan

Service at Blind Curve

- Services where infrastructure equipment exists (road-vehicle coordination)



- Services where infrastructure equipment does not exist (independent vehicle)



Example of test:

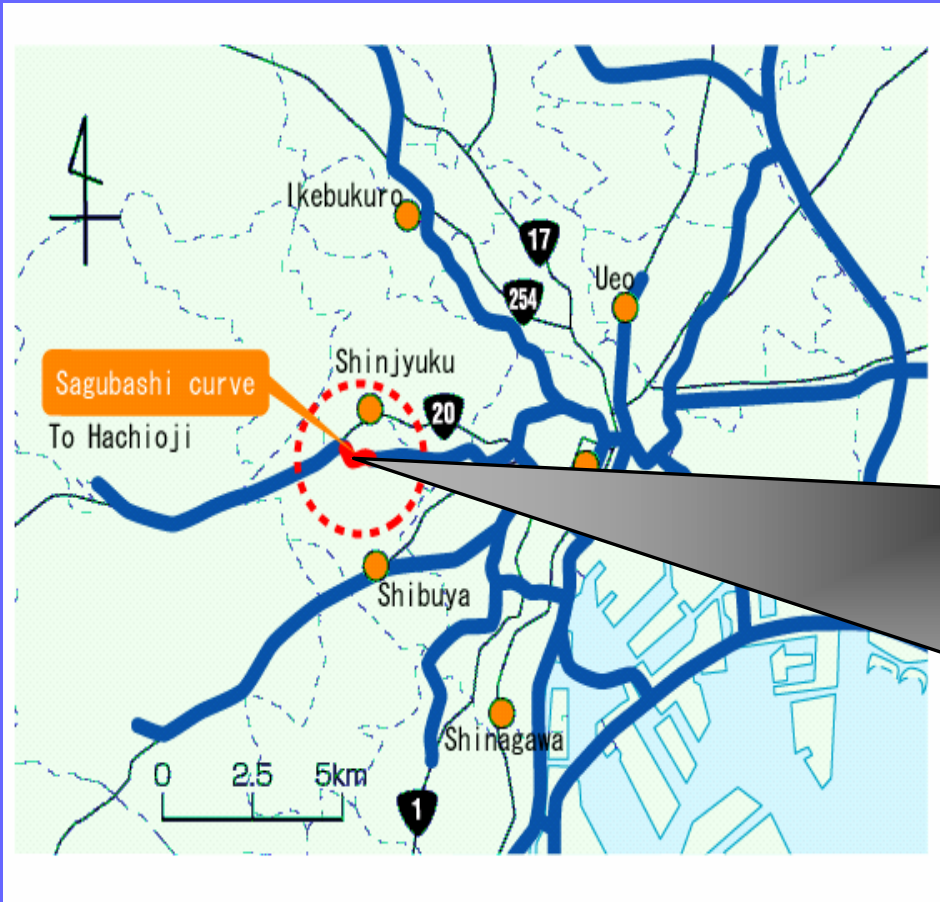
Confirm the effectiveness of the road-vehicle coordinated system by comparing the event detection position, information provision timing, etc. under the road-vehicle coordinated services and the independent vehicle services when using the support system for prevention of collision with forward obstacles.

Sangubashi Curve on Metropolitan Expressway

- Sharply curvature with a radius of 88m
- In 2002, 140 accidents occurred on this section
- Poor visibility because of buildings alongside the road



Sangu-bashi Curve section Test of Metropolitan Expressway(2005 Year)



- This Curve Feature: Highway Curve and so sharp. Curvature is 88m radius. Drivers want to keep high speed to turn this curvature. In a year accidents volume: 140 accidents were occurred in 2002 year. Accidents were almost rear end crashes.

Effectiveness of Information Provision on Obstacles Ahead - Reducing Accidents - Other Test results

Comparison of number of accidents before and after introduction of message sign services in Maitani Curve

