

Speed Control Pavement

SPEEDSAVE

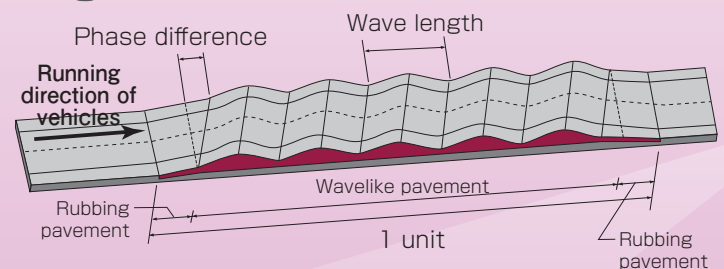


Photo of completion on a straight line road

What is SPEEDSAVE?

It is the road surface on which the smooth sine wave form is formed continuously. It produces a shake by resonance only to the vehicle which exceeds the speed limit, which gives displeasure to the driver and urges the driver to control speed.

Image



Feature

Speed control effect It produces a shake by resonance only to the vehicle which exceeds the speed limit, which gives displeasure to the driver and urges the driver to control speed.

Noise control effect Noise reduces due to the decrease of speed. Moreover, impact noise, noise at the time of acceleration, and vibration which were felt on the conventional hump pavement do not occur.

Safety Within the speed limit, driving as if a surface were flat is possible. Moreover, two-wheeled vehicles can run safely and freight cars do not have to worry about collapse of cargo piles or breakage.

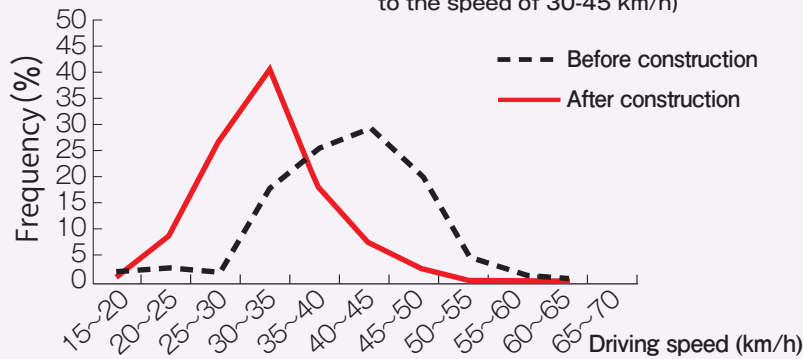
Example of the speed control effect

Example of the speed control effect in a city area

Driving speed and frequency before and after construction

Speed control effect

(Target effect is the control to the speed of 30-45 km/h)



Average speed

41km/h

↓ 9km/h decrease in speed

32km/h

Proportion at 40 km/h or more

54%

↓ Great decrease

9%

Applicable place

By changing a wavelength and wave quantity, it can be formed on various roads from a low-speed road to a high-speed road.

- Straight line roads on which reckless driving is conspicuous and winding roads in mountains
- Community roads designated as a community zone, etc.
- Local streets and community roads where traffic accidents are occurring frequently
- Roads with problems of noise, etc. because of high running speed



Warning signs and road surface labels are constructed as attention-seeking and safety measures, which can enhance the effect further.



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