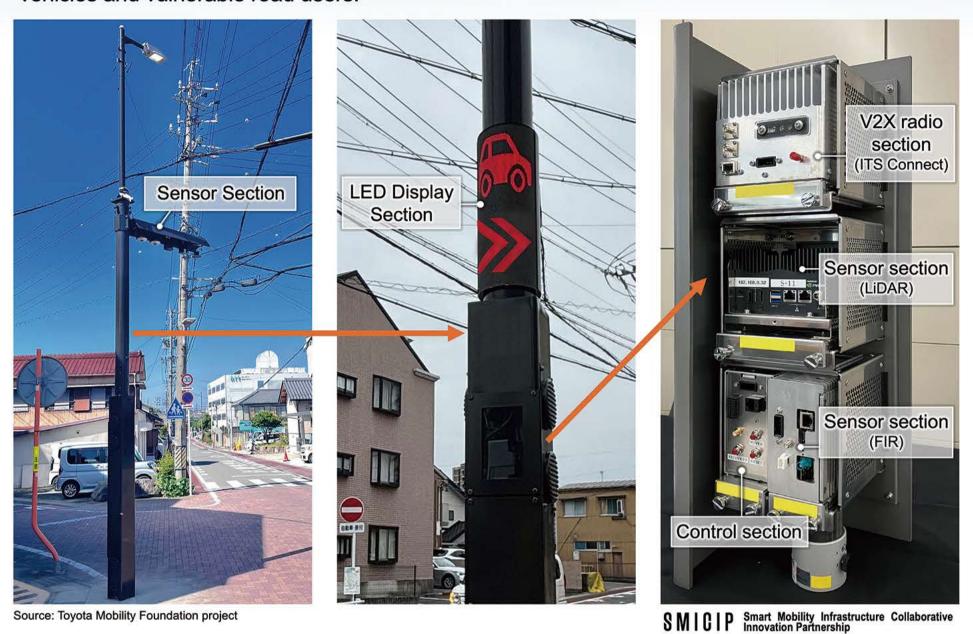
Smart Pole Technology

Overview

ITS Smart Poles use roadside sensors and dedicated wireless communication to detect hidden traffic participants and warn drivers, bicyclists, and pedestrians wirelessly or with LED signs.

This technology helps prevent cross-traffic accidents between conventional or autonomous vehicles and vulnerable road users.



ITS Smart Pole LiDAR/FIR/mmW Radar/CMOS/etc. ITS Detection Connec V2X radio **Sensor section** section V2X Radio Unit Wireless LAN, Bluetooth, Wireless beacon **General purpose** radio section receiver section etc. Control **Wireless Beacon Transceiver Radio Unit** section **GNSS** correction data Speaker section generation section **LED** display External I/F section section