

## SYNOPSIS OF THE INDIAN STANDARD

**IS 17451 : 2020**

**Title: Smart Community Infrastructure – Best Practices  
for Transportation –Guidelines**

**Doc: CED 59 (15247)**

This standard describes how transportation is planned, designed, implemented, operated, maintained and upgraded to take into account the points of view of different stakeholders, including the residents and governing authorities of communities, as well as the needs of the environment. This standard also outlines minimum conditions to be respected in the performance of transportation systems, even after they have been installed, in order to realize the objectives of a smart transportation infrastructure, which is economically efficient transportation systems that meet or exceed user needs while minimizing environmental impact

This standard is a part of the series of Indian Standards being formulated on sustainable development of habitats including on smart cities. In fact, smartness acts as an accelerator to the sustainable development which is the ultimate objective, hence the various concepts and standards relating to smart cities being evolved including this standard should be understood from the same consideration.