

ABSTRACT

The phenomenon of increased amount of private vehicle in bandung city was not in fact accompanied by providing the facilities itself, especially in the terms of parking area, where the community would prefer to park on the nearest empty spot around them, this phenomenon can cause the sidewalk to change its function into parking area which can negatively resulting into a traffic.

A lack of facilities and society awareness of sidewalk parking needs a concrete solutions that can change the habits of sidewalk or the on-street parking itself, and the help from technology is highly expected to solved this problems as well as providing more legal space to park, moreover, with an ease of reaching information from technology, parking facilities and its smart system can be nicely distributed In a more efficient way

Keywords: Distribution of parking lots, congestion using onstreet parking