# Abstract

*The long queue on the toll gate is one of the problems in the city of Bandung. One of the toll gates to access the city of Bandung with a high level of congestion is the toll gate of Buah Batu. This happens during certain hours and days due to the huge discharge of vehicles through the toll booth. The author has analyzed the effectiveness of the Buah Batu toll gate by using the Cellular Automata method as the basic model for simulating traffic flow at the Buah Batu toll gate. Simulations that have been done with Cellular Automata models that produce average speed and flow based on driver behavior as well as variations in track closure on toll gate traffic flow.*

**Keywords:** *Traffic Flow, Toll Gate, Cellular Automata Model.*