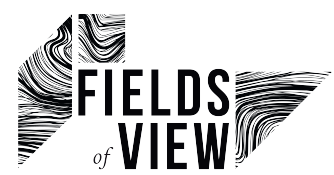


# What Happens To Congestion In Roads?



Imagine all the vehicles on the road in Bangalore occupy a single lane that is 3m in width. In a 3m width, 1 bus, or 1 car, or 3 bikes can be placed side by side. How long will such a single lane road be? Let's explore different scenarios.

## BUSINESS AS USUAL FOR ROADS IN BANGALORE

Road length occupied **2409 kms**

If all vehicles occupy the 3m wide single lane in Bangalore, the length of that imaginary single-lane road will be 2,409 kms, the distance between Bangalore and Chandigarh.



### SCENARIO 1

The number of vehicles decreases and hence the length of the imaginary road reduces by 537 kms.

Road length required **1872 kms** Road length reduced **537 kms**



### SCENARIO 2

The number of vehicles decreases and hence the length of the imaginary road reduces by 326 kms.

Road length required **2083 kms** Road length reduced **326 kms**



### SCENARIO 3

The number of vehicles does not change and hence the length of the imaginary road does not change.

Road length required **2409 kms** No change in road length



### SCENARIO 4

The number of vehicles increases and hence the length of the imaginary road increases by 326 kms.

Road length required **2735 kms** Road length increased **326 kms**

