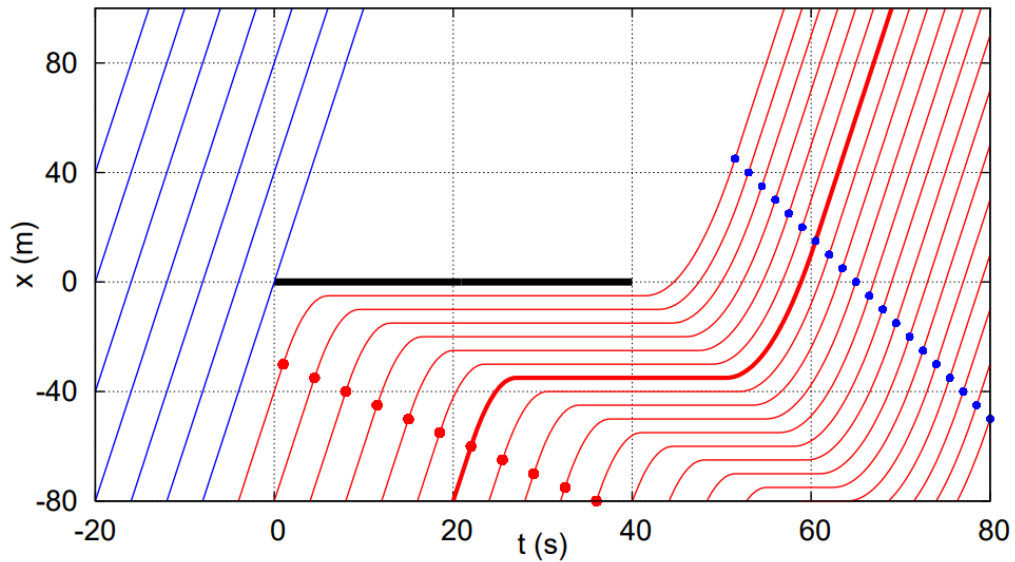


**Quiz:** Given are trajectories with a temporary road block (black line):



(a) Give a plausible situation represented by these data.

The black line means stop at a red traffic light. The thick black line represents the red phase.

(b) Estimate the traffic demand (potential inflow) inferred from this diagram.

Traffic demand is estimated by the potential inflow which is equal to the actual inflow for free traffic (“supply exceeds demand”). Hence, e.g.

For  $x = -80$  m and times  $t < 50$  s: 5 lines per 20 s = 0.25 veh/s = 900 veh/h.