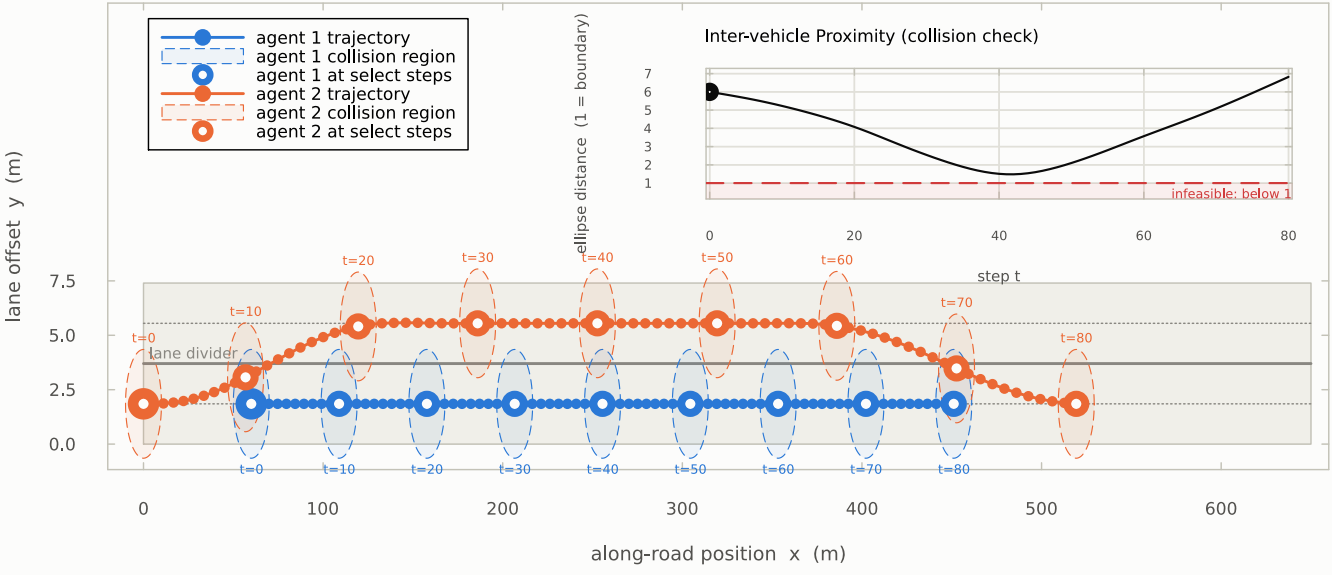

agent 1 trajectory
agent 1 collision region
agent 1 at select steps
agent 2 trajectory
agent 2 collision region
agent 2 at select steps
Inter-vehicle Proximity (collision check)
ellipse distance (1 = boundary)
infeasible: below 1
lane offset y (m)
lane divider
step t
along-road position x (m)