Legenda

X={…} -> x is equal to …

For each T={simulation step}

* D={list of reservations per portion per rts}
* V={list of all vehicles}
* Qi={Queue of vehicles to be served for lane i}

For each Qi

For each v={vehicle} which is head(Qi)

* Try reservation

If reservation NOT OK

Go to next time step

If reservation OK

Remove from Qi, then make v leave the crossing

reservation(vID, laneID, T):

* Get list of portion/rts for the vID

Conflicts?

Yes, return false

No, reserve then return true

Problem: a Queue may not be ever served if we use RR

* Idea: In order to avoid starvation, queues Qi will be served randomly

Given:

Crossing is l=27,2 \* 2