**Experiment nature:** change in traffic light changes.

**Goal:** reduce the amount of cars stopping at the main intersection while affecting the throughput as little as possible.

**Settings:**

1. Pedestrian traffic phases altered to (valid for all roads):
   1. 46 seconds open
   2. 76 seconds closed
2. Car traffic phases altered to:
   1. Cars going straight and turning right from LSS and LSN:
      1. 33 seconds open
      2. 24 seconds closed
      3. 4 second yellow
      4. 61 (57 red + 4 yellow) seconds closed (due to AF and EWS phases)
   2. Cars going left from LSS and LSN:
      1. 33 seconds closed
      2. 24 seconds open
      3. 4 second yellow
      4. 61 (57 red + 4 yellow) seconds closed (due to AF and EWS phases)
   3. Cars going straight and turning right from AF and EWS:
      1. 40 seconds open
      2. 17 seconds closed
      3. 4 second yellow
      4. 61 (57 red + 4 yellow) seconds closed (due to LSS and LSN phases)
   4. Cars going left from AF and EWS:
      1. 40 seconds closed
      2. 17 seconds open
      3. 4 second yellow
      4. 61 (57 red + 4 yellow) seconds closed (due to LSS and LSN phases)

**Link to model:**