

# Experiment 2021\_5\_23\_11595

## Experiment Details

### Car Mixture

AV: 106

HV: 122

No Label: 0

### Active Reservation Nodes

[11, 12, 8, 9] - 69 cars

[5, 4, 16, 17] - 48 cars

[7, 6, 14, 15] - 68 cars

[19, 18, 14, 15] - 69 cars

AV Car Spawner: 38

HV Car Spawner: 40

No Label: 0

Cars Simulated: 228

## Comparison of Experiment Metrics

	w/ Reservation Nodes	w/ Traffic Lights	w/ Safe Distance and 4 Way Intersection
Waiting Time	6	10	17
No. of Brakings	2	0	0
Braking per 1000 cars per min	240.27	12622.78	305.21
Avg. Safe Distance (AV)	10	10	10
Avg. Safe Distance (HV)	10	10	10
Total Simulation Time (s)	60.0	60.0	60.0
Reached Destination	3	0	0

Open `"/output/experiment_results/50_percent_capacity/AVHV_Reservation_Nodes/"` for distributions and graphs of Experiment with RN

Open `"/output/experiment_results/50_percent_capacity/AVHV_Traffic_Lights/"` for distributions and graphs of Experiment with TL

RN - Reservation Nodes

TL - Traffic Lights

CAWSD4WI - Collision Avoidance with Safe Distance and 4 Way Intersection