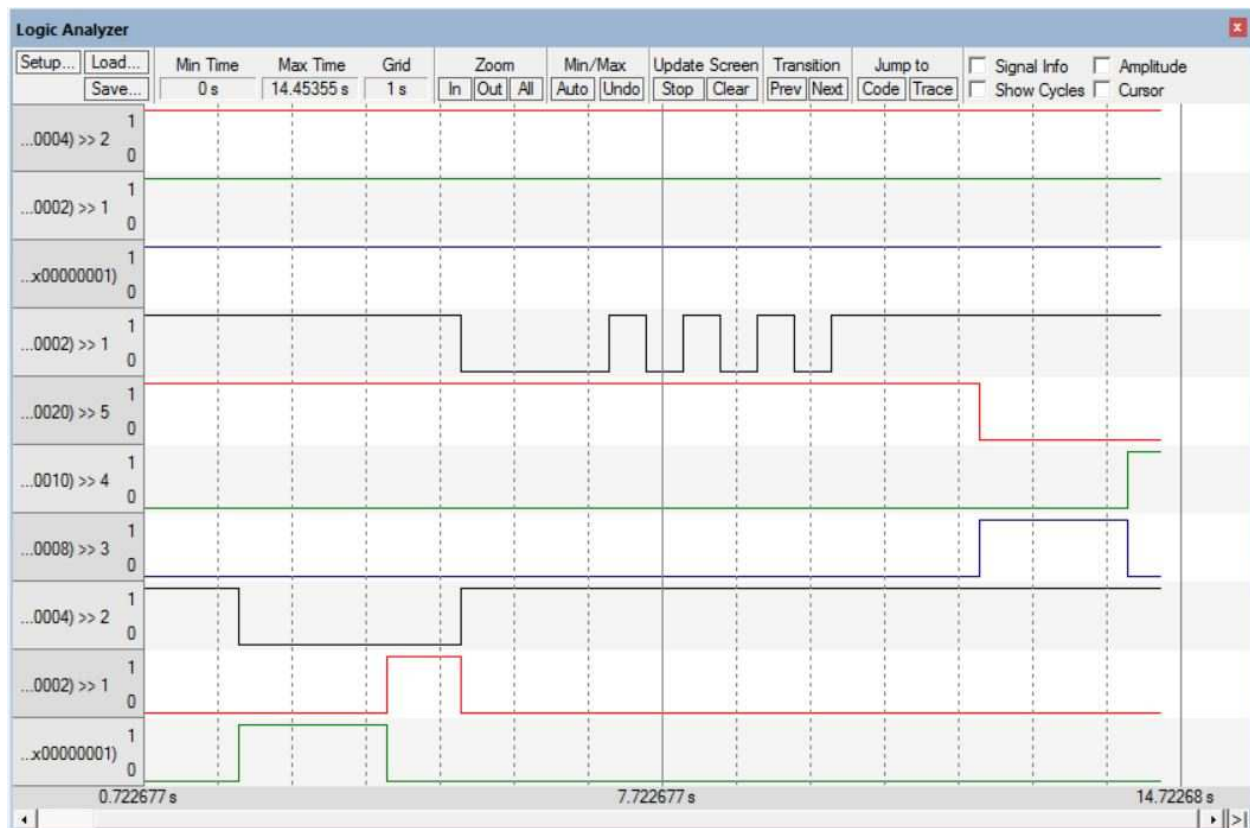
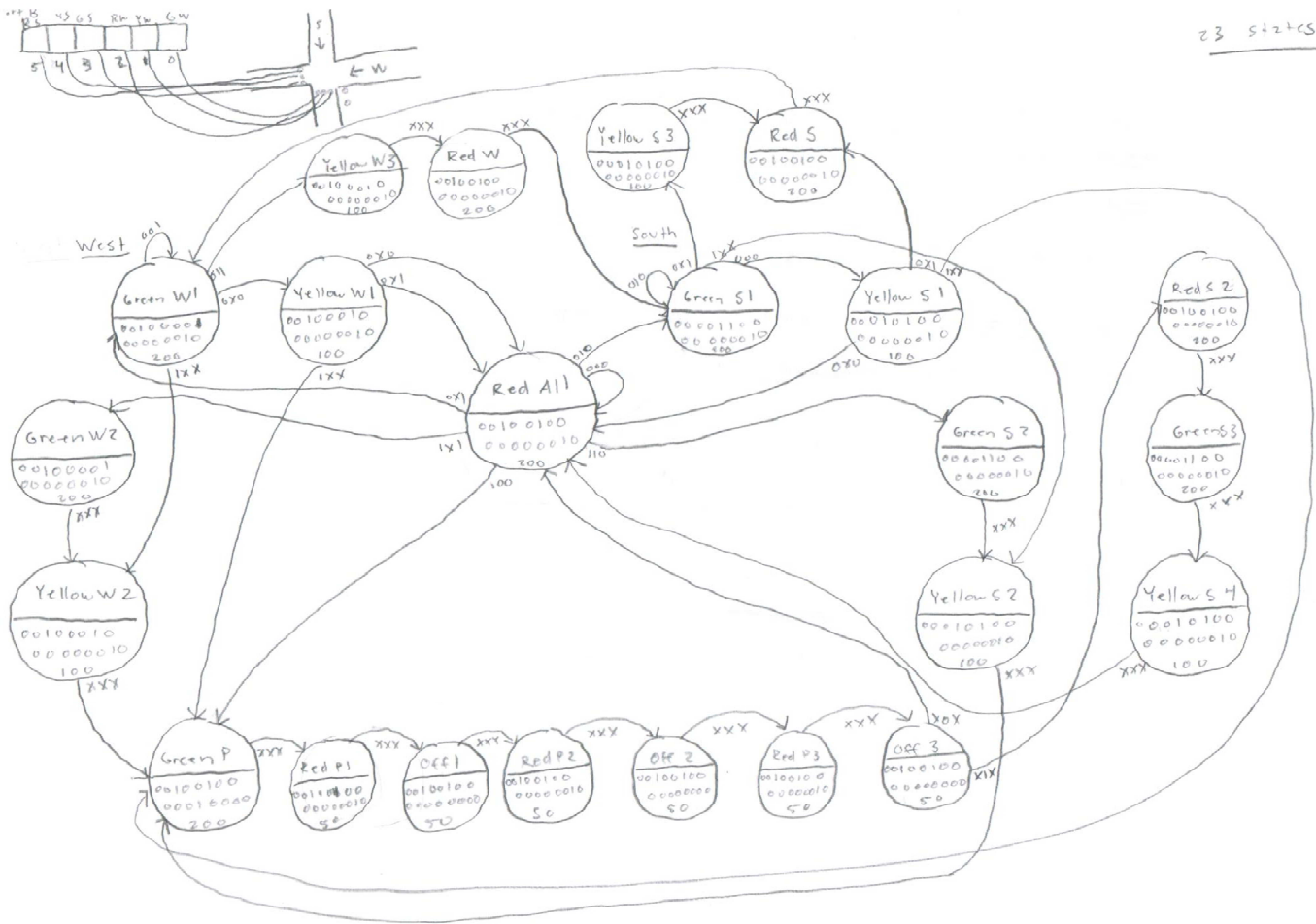
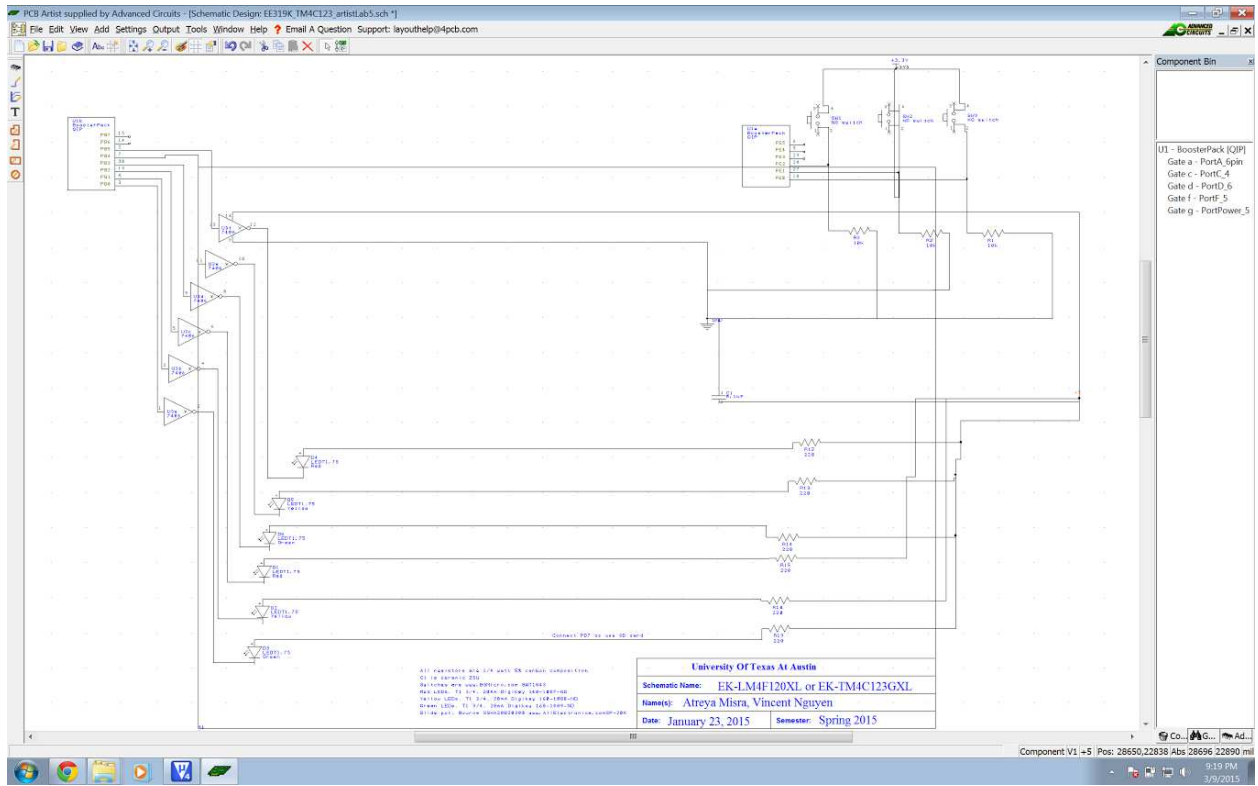


Simulation showing cars on both South and West



Simulation showing walk pushed, and cars on both South and West



Port B (Outputs)

- PB5 - Red S
- PB4 - Yellow S
- PB3 - Green S
- PB2 - Red W
- PB1 - Yellow W

Port E (Inputs)

- PE0 - West
- PE1 - South
- PE2 - Walk

Port F (Outputs)

- PF1 - red (don't walk)
- PF2 - green (walk)

VINCE NGUYEN

ATREYA MISRA

000
001
010
011
100
101
110
111