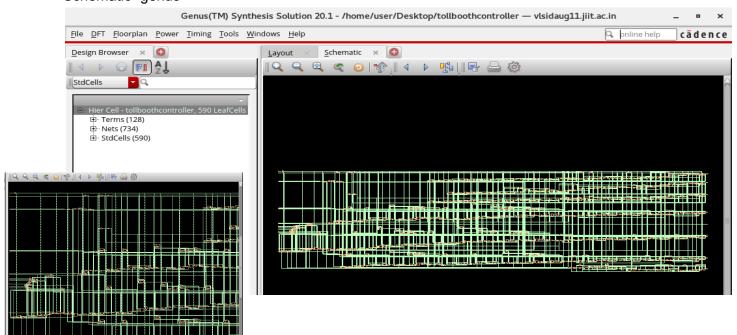
ISHI PROJECT- TOLL BOOTH CONTROLLER

WAVEFORM

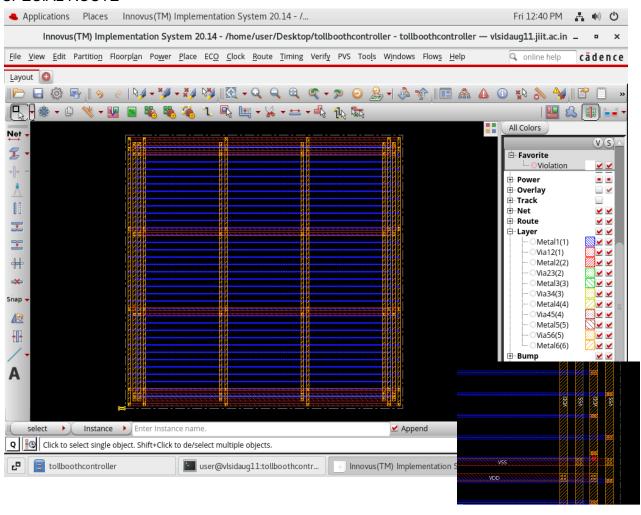


Schematic-genus

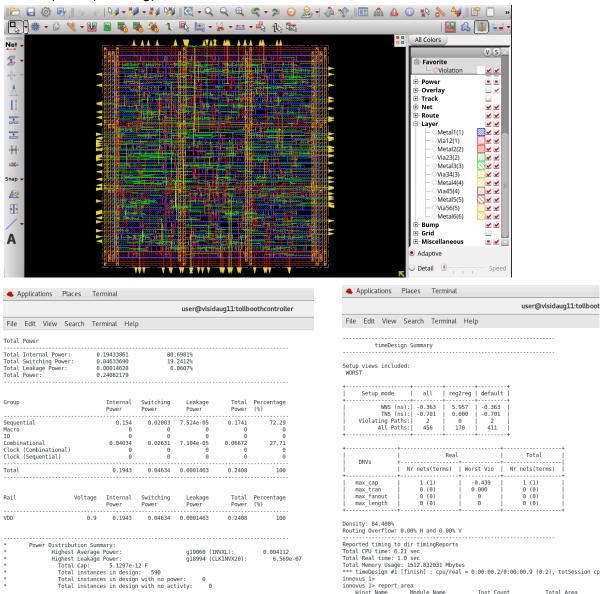


FLOORPLAN

SPECIAL ROUTE



Placed (Pre Optimising)



Innovus(TM) Impler

innovus 1>
innovus 1> report_area
Hinst Name Module Name

tollboothcontroller
innovus 2>

tollboothcontroller

user@vlsidaug11:tollboothcontr...

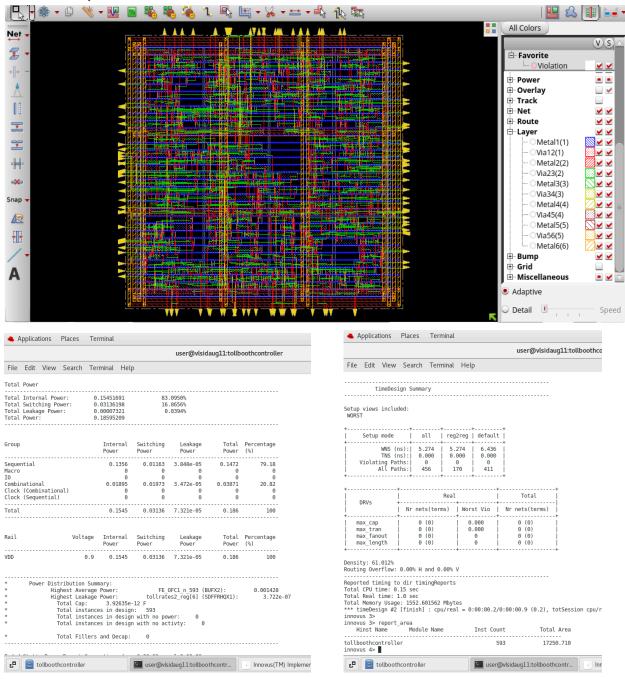
Area: 23863.594 Power: 0.2408

tollboothcontroller

Total Fillers and Decap:

user@vlsidaug11:tollboothcontr...

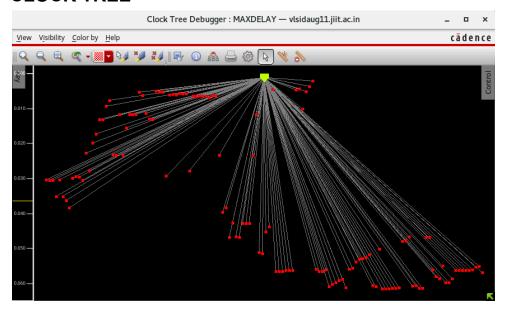
Placed and optimised



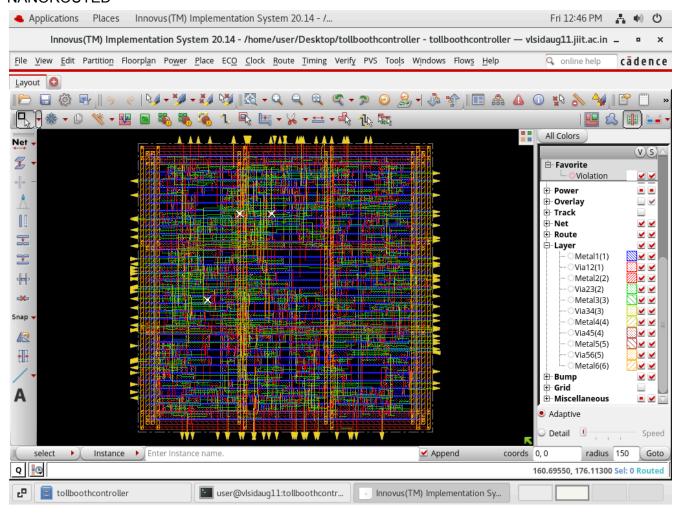
Area: 17250.710 Power: 0.186

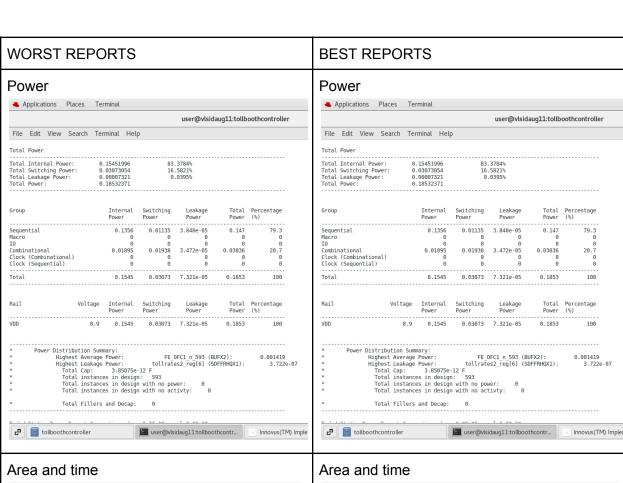
Improvisation %: Area reduced by 27.71% Power reduced by 22.75%

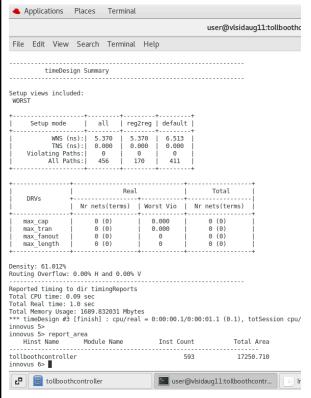
CLOCK TREE

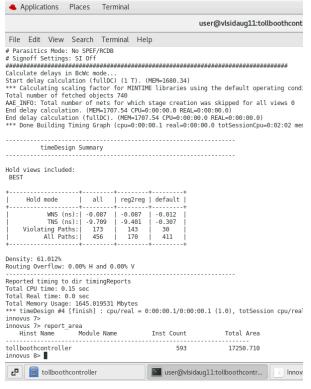


NANOROUTED



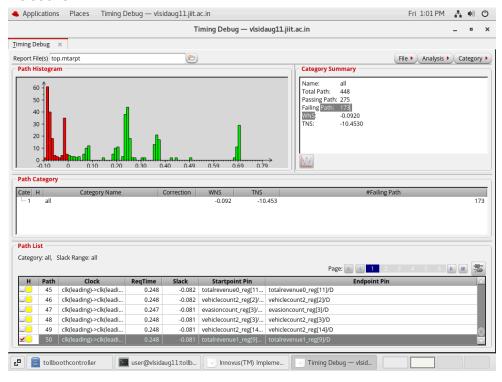




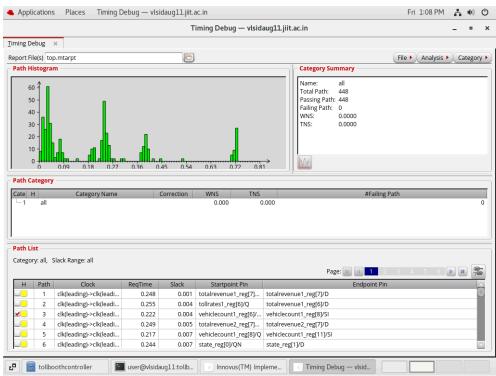


STATIC TIME ANALYSIS

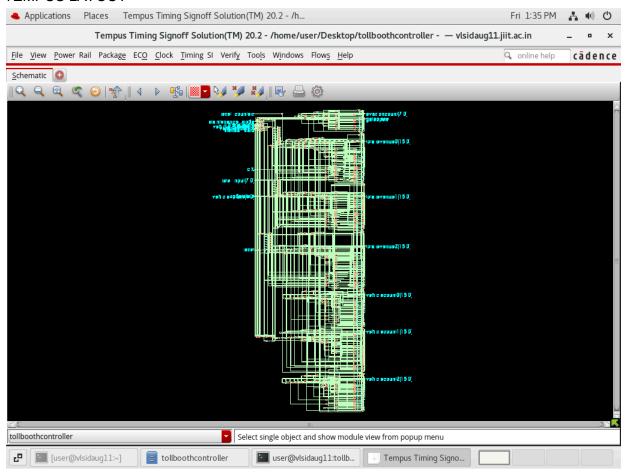
Violations:



Violations fixed:



TEMPUS LAYOUT



FINAL LAYOUT

