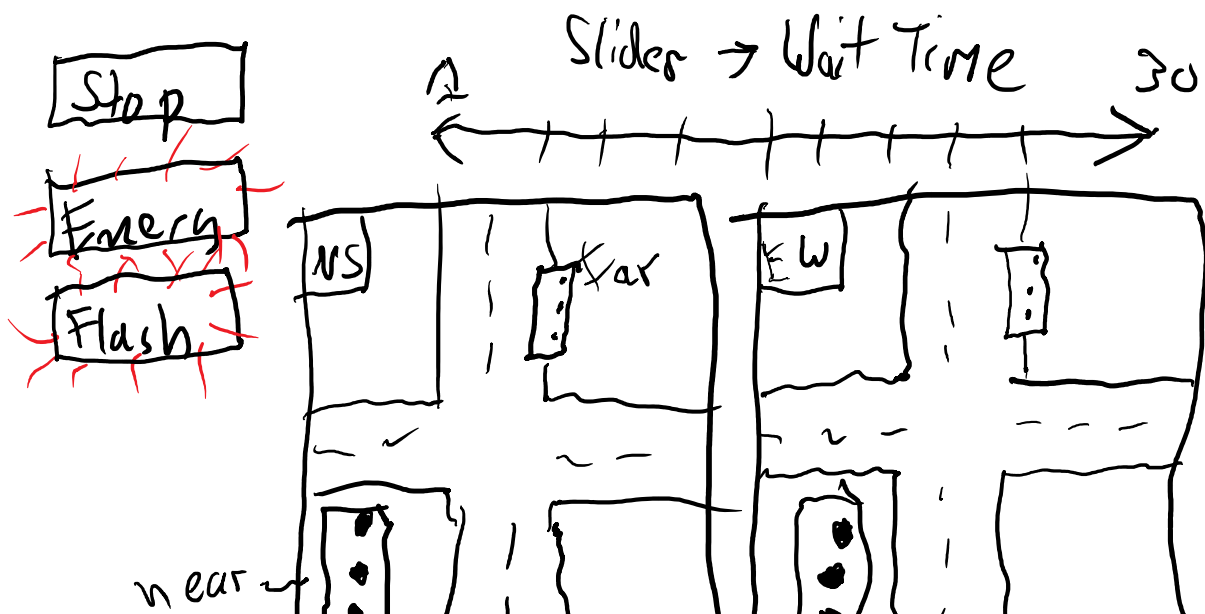


Design

Sunday, September 23, 2018 3:04 PM

- Notes
 - Amber = Yellow
- GUI
 - Must account for Emergency/Flashing Red to take over and remain until turned off.
 - Disable the other if one is active
 - Must show near and far traffic lights.
 - Combine NS and EW into one view as they should be the same
 - Need option for user input that there is a car present at a cross section
 - Needs to be reset
 - Keep uncluttered if possible.
 - Stop button to end it all
 - Time slider limited from 1 to 30 seconds
 - This will enforce the wait time to be under 30 seconds
- Code
 - While loop with a stop button for termination
 - Use CASE structure for determining actions
 - Red/Green setting
 - ◻ Could be two, but consolidate into one
 - Yellow/Amber
 - ◻ Only have the light that was green turn yellow, other stays red
 - Emergency
 - Flashing Red
 - Need to calculate the next state.
 - Done in the Red/Green part.
 - Use the built-in system flashing property
 - Need to change the system default color for flashing to red.
 - Hopefully this will care over in the vi file.
- Design Prototype (and why I'm not an artist)





Car waiting indicator / input