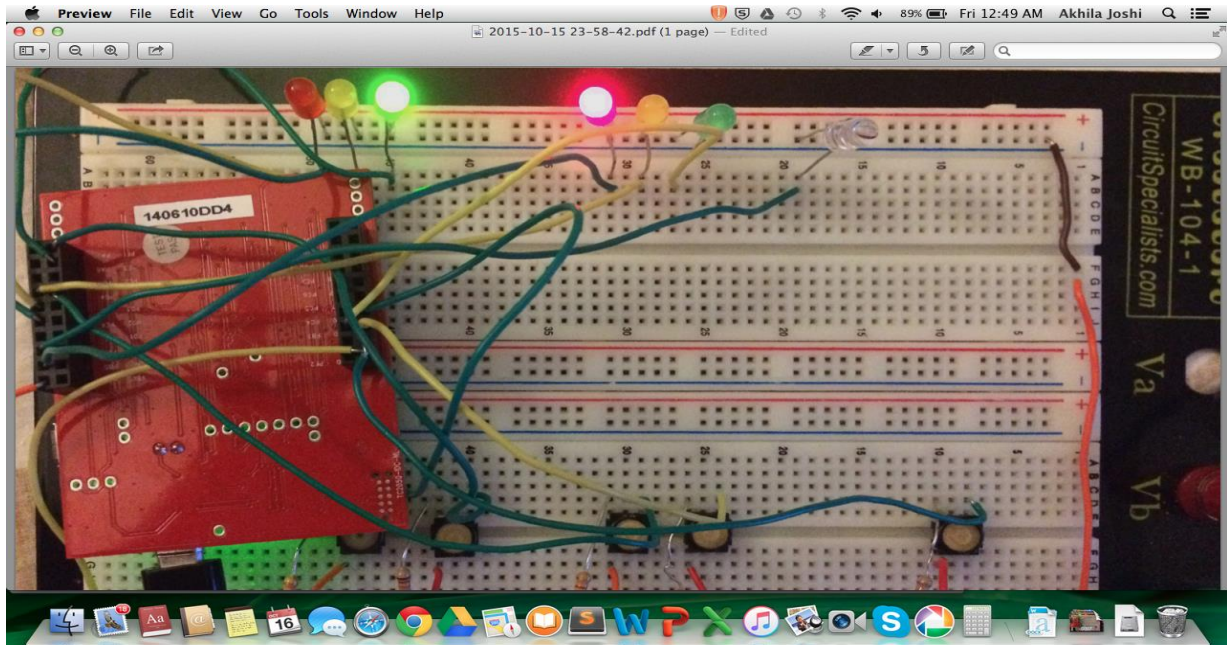


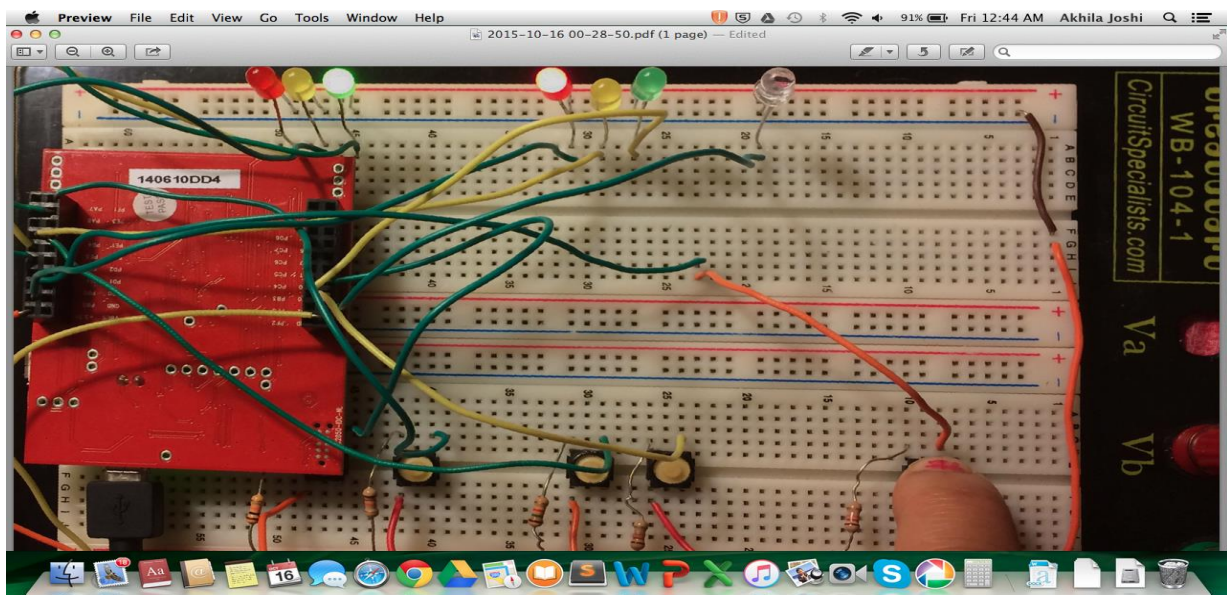
➤ Photos of our built project while displaying different traffic lights on.

1. For Initial condition:



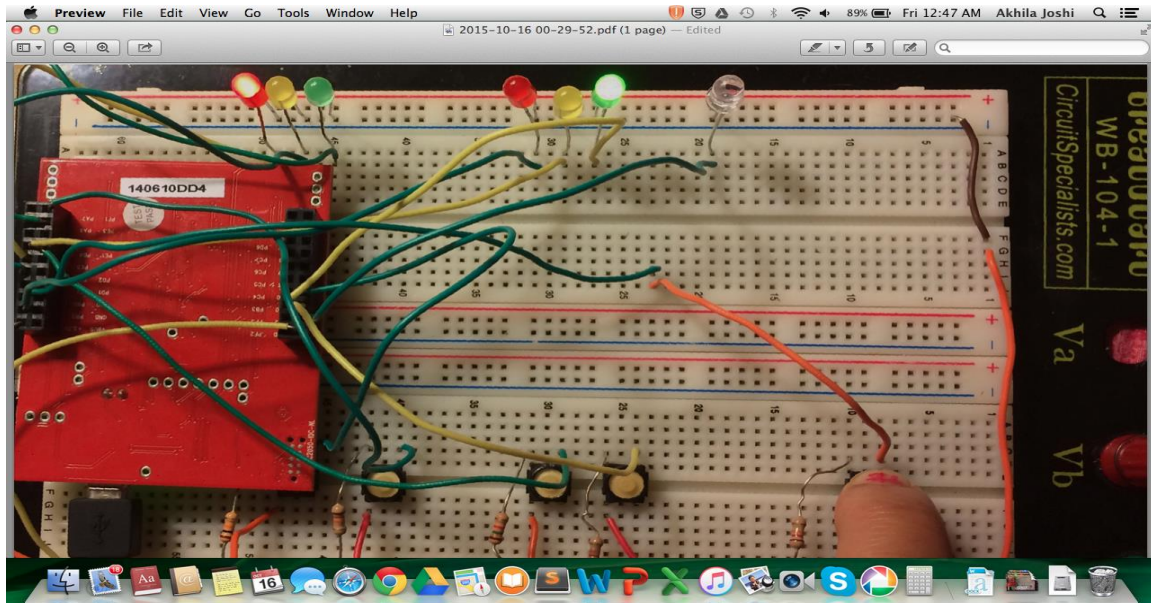
When none of the buttons were pressed then green light of Main Street will be in ON condition.

2. GOM condition:



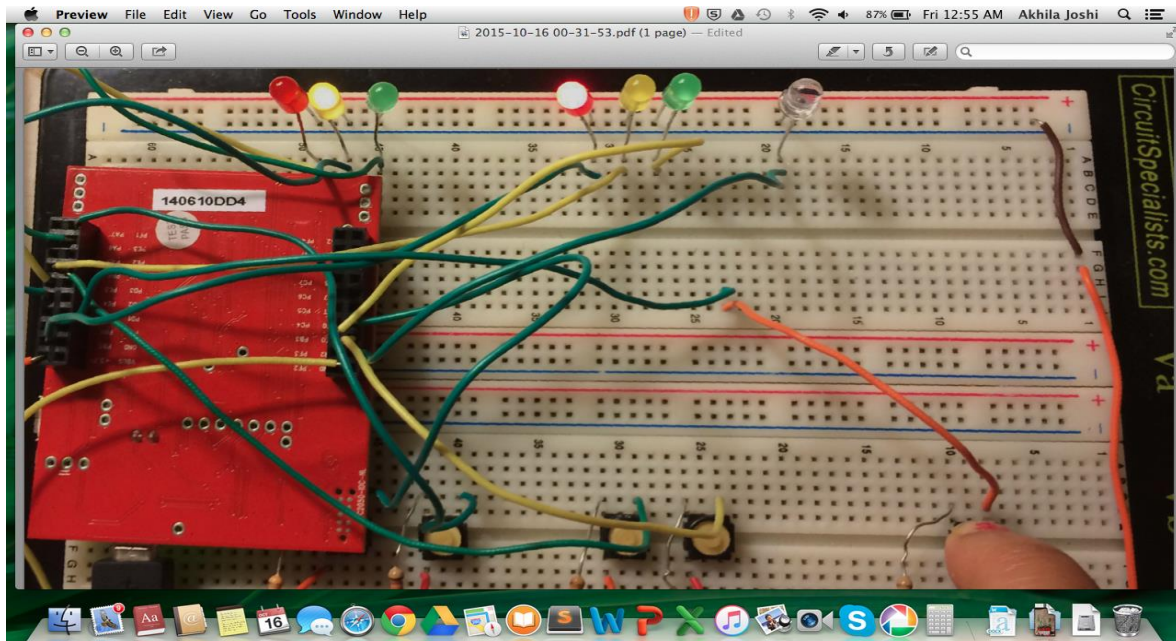
GOM has the highest priority. So when first sensor button was pressed then GOM will turn on. During this condition red light side Street and green light of Main Street will turn on.

3. GOS condition:



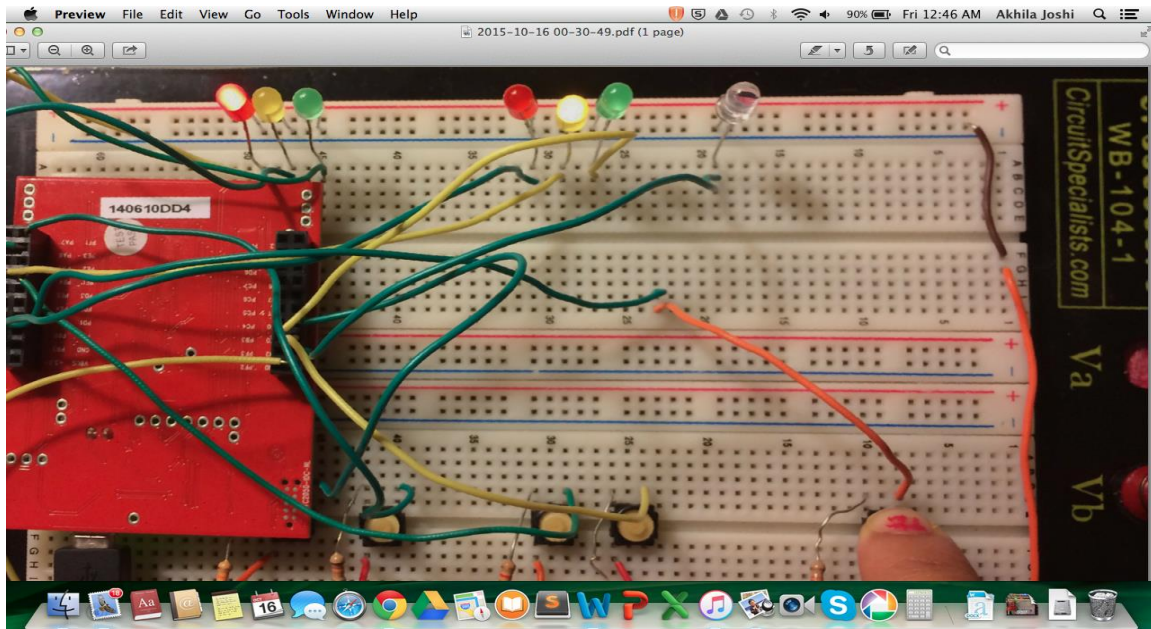
When sensor is active after GOM, GOS green light will turn ON. The transition has occurred between GOM and GOS. During this condition red light of Main Street and green light of side street will turn on.

3. WaitM condition:



The above condition represents WaitM condition of Main Street. Where yellow light of Main Street and Red light of side streets are ON.

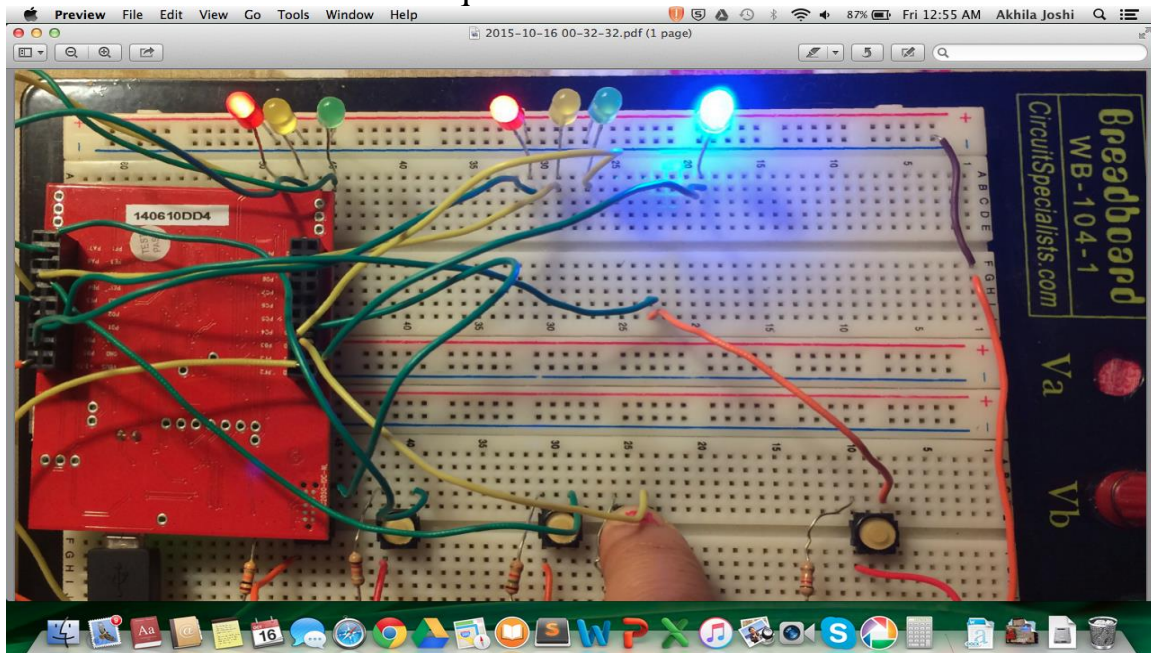
4. WaitS Condition:



The above condition represents WaitS condition of side Street. Where yellow light of side Street and Red light of main streets are ON.

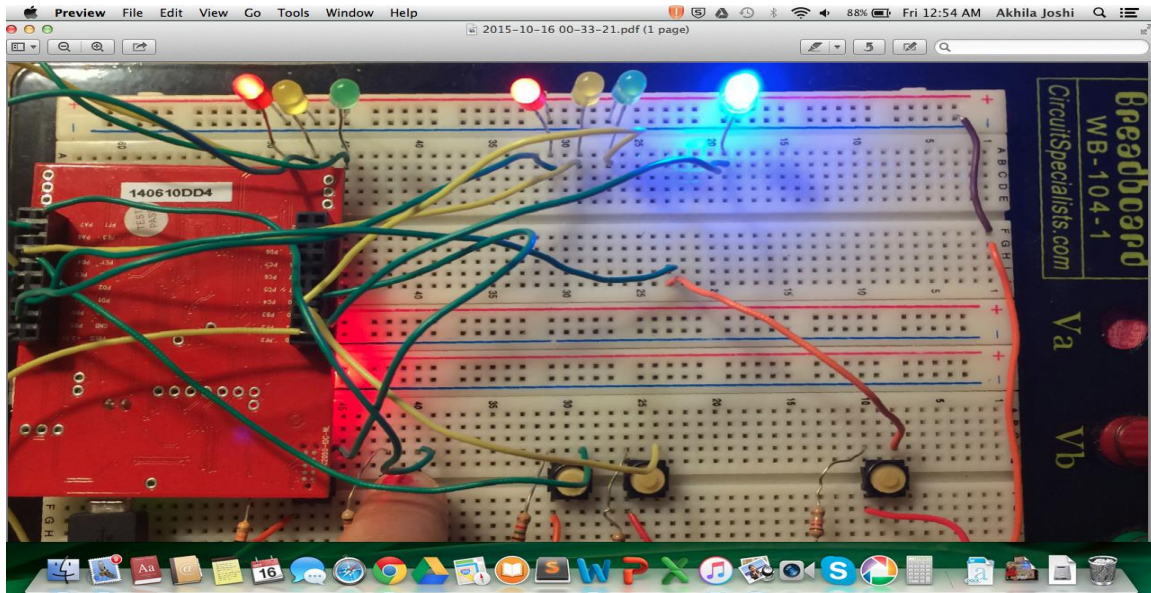
4. Walk Condition:

a. Main street walk Request:



In this condition walk side street button is pressed. As a result walk light will turn on. And the red light of Main Street and red lights of Side Street were also turned on.

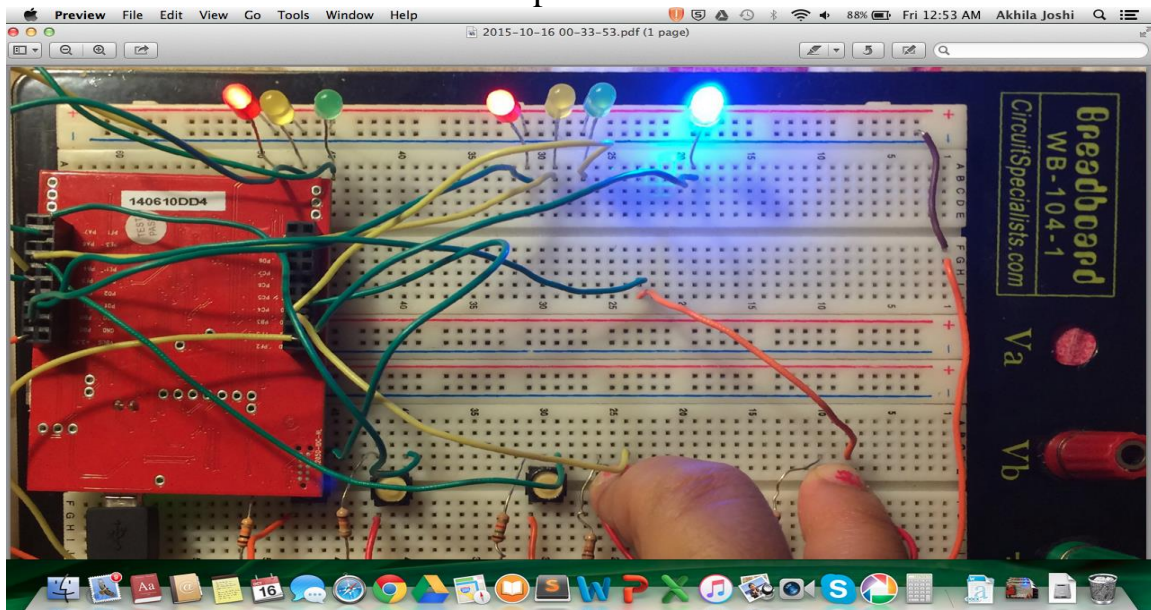
b. Side street walk request:



In this condition walk side street button is pressed. As a result walk light will turn on. And the red light of Main Street and red lights of Side Street were also turned on.

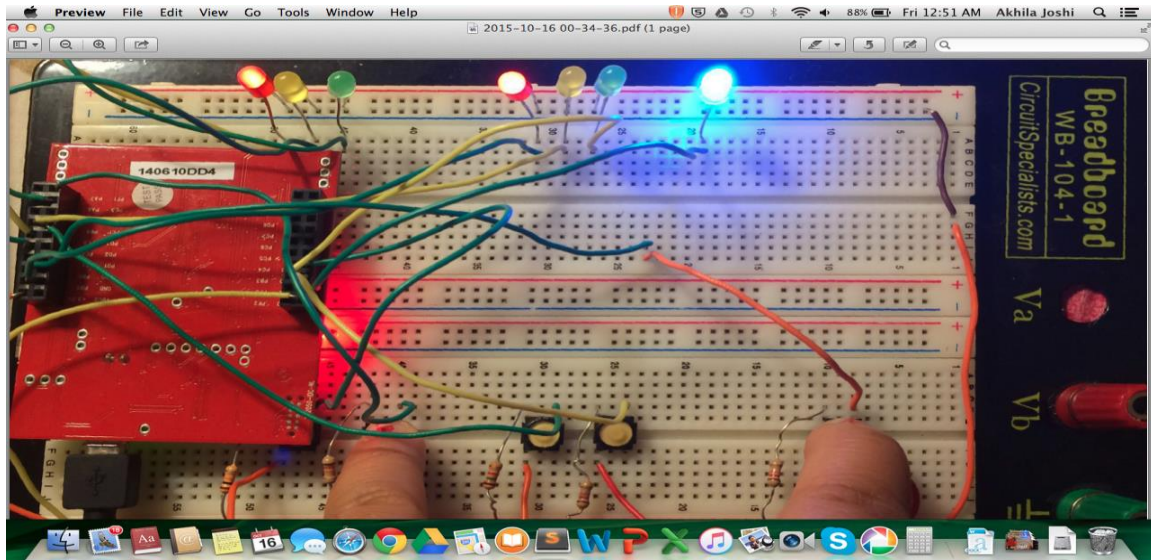
5. When both walk and sensor are pressed:

a. Main walk and sensor are pressed:



When both walk and sensor buttons are active then walk light will turn on first. Since priority is high for pedestrian.

b. Side street walk and sensor are pressed:



When both walk and sensor buttons are active then walk light will turn on first. Since priority is high for pedestrian.