5/27-6/30: Sparks and Lights and Buttons, Oh my!

- **June 9th**,
  - A trip to CDA yields the timing of the 95/Lacrosse intersection to be 10 seconds yellow, 10 seconds red and walk, 20 seconds red and blinking don’t walk.
    - There is no delay between button pushes, cars were able to be backed up for quite a ways before the person pressing the button lost interest in backing up traffic.
  - Nate looked into borrowing traffic signals from NIATT
  - Nate worked on the report
    - Removed Malfunction management from our specs put it in the future work section.
    - Added the budget plan to the body of the paper.

- **June 11th**, 
  - Dr. Wall gets the team equipment.
    - Pedestrian buttons picked up by Nate
    - Walk/Don’t walk signs ordered from Intellight, should be in while Dr. Wall is on vacation
      - Signs will be delivered to Nate at NIATT
      - Dr. Wall is on vacation until July 15th

- **June 17th**, 
  - Jack almost burns down his kitchen table by wiring up the pedestrian button wrong.

- **June 19th**, 
  - Wiring up buttons and reviewing report.
    - Nate confirmed the new wiring scheme before wiring up the buttons again to avoid a fire.
    - JJ Jackshaw of the EE department donated a long power cord to the team for wiring purposes.
    - The button works just as it should with the unit, however it has been discovered that the logic cycle for the 2411 can have multiple starts
      - Jack will work on this at home

- **June 25th**, 
  - The multiple start issue has been solved
  - Gabe has a working light sensor and has programmed the logic to simulate adjusting the output contacts accordingly
    - Only a few timing kinks to work out.
  - Nate brought light bulbs and sockets so we could test the output logic with bulbs instead of just an ohm meter.

- **June 26th** to **June 30th**, 
  - Nate puts finishing touches on the report to be submitted to SEL
  - Jack submits report to William Myhrang at SEL around 3:30pm June 30th