

CE 572 – Spring 2015

Intersection Traffic Operations

Class 11

11 February 2015

Individual Reflection

1. What are some of the important things about data collection of this sort...why are we doing this and how will it help you better understand roundabout operation?
2. Briefly list and define the four events of interest that you will record.
3. What data will you generate as a result of the clock time data that you will record for these events?
4. What questions do you have about this data collection process?

Group Consensus

1. Share and review your individual reflections.
2. Report out your conclusions and consensus ideas.

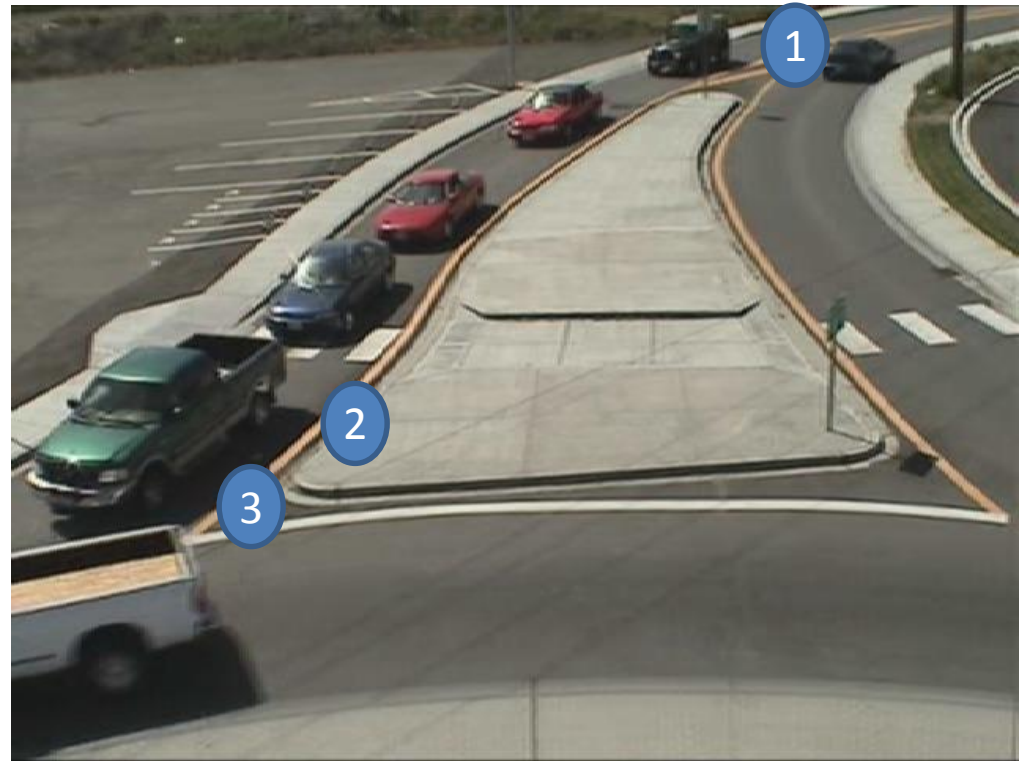
Next steps

1. Observe video and become familiar with site conditions.
2. Identify four event locations for your site: be specific, write down one sentence description for each location (point).
3. Create Traffic Tracker data triggers file.
4. Record events (conduct data collection) for 10 minutes (expect some missteps!)
5. Data analysis (queuing data, gap acceptance/rejection data)
6. 5-10 minute presentation on Friday

Events of interest

Delay data

1. Time vehicle arrives at back of queue
2. Time vehicle arrives at yield line
3. Time vehicle enters roundabout



Events of interest



Gaps accepted and rejected

- Begin and end gap events for circulatory vehicles (4)
- Time minor stream vehicle enters roundabout (3)

