



PURPOSE

The purpose of this activity is to give you the experience of observing the operation of an actuated controlled intersection in the field and to document the phasing sequence that you observe.

LEARNING OBJECTIVE

- Determine the phasing pattern and sequence for a signalized intersection in the field

DELIVERABLE

- Prepare a one page document including your field observations and the resulting ring barrier diagram

INFORMATION

You will be assigned an intersection in the field from which you will observe and record phasing information.

TASK 1

Prepare a sketch of the intersection to which you have been assigned, including the geometry and the movements that you observe at the intersection.

TASK 2

Based on standard NEMA phasing, add the phase numbers to the sketch of the movements that you prepared in Task 1.

TASK 3

Observe the intersection for a period of 15 minutes. Record the sequence in which each movement is served during this period in Table 8.

TASK 4

Prepare a ring barrier diagram showing the sequence of phases that you believe exist at this intersection. Document any differences between the normal sequence (Figure 59) and any special phasing sequences that you observe.

