



# Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		5-1-3
CHAPTER 5	Signal Plan Format	
SECTION 1	Permanent Signal Plan Format	
SUBJECT 3	Sequence of Operations Sheet	

The standardized Sequence of Operations Sheet is located in the State standard cell library. The development of the Sequence of Operations Sheet is covered in detail in TSDM Chapter 7.

The guidelines listed below **shall** be followed when preparing the Sequence of Operations Sheet.

1. Show North arrow. It **shall** be oriented the same as the plan sheet. The arrows in the boxes on the sequence of operations **shall not** be rotated and **shall** remain oriented up and down or left and right. The north arrow *may* be rotated up to 45 degrees in either direction to accomplish this.
2. NEMA phasing **shall** be used for uniform phase numbering, refer to TSDM Subject 7-1-2 for the phase diagram. Use phases 2 & 6 for the mainline and phases 4 & 8 for the cross street. Phase 6 **shall** be for the northbound or eastbound phase and phase 8 **shall** be counter clockwise from phase 6 (the phasing and directions can be changed only in special phasing situations, such as interchanges, T-intersections, or split-phase operations).
3. The pedestrian movements are shown with half arrow heads, see Sequence of Operations Sheet example.
4. If the word "phase" is listed in a column, the symbol "Ø" does not need to be shown. Using just the number is sufficient.
5. In the controller logic box, the phase-recall column *should* be listed as "MIN," "MAX," and/or "PED." The remaining columns *should* have either a number or an "X."
6. Only show a movement as an overlap if it overlaps 2 phases or more.