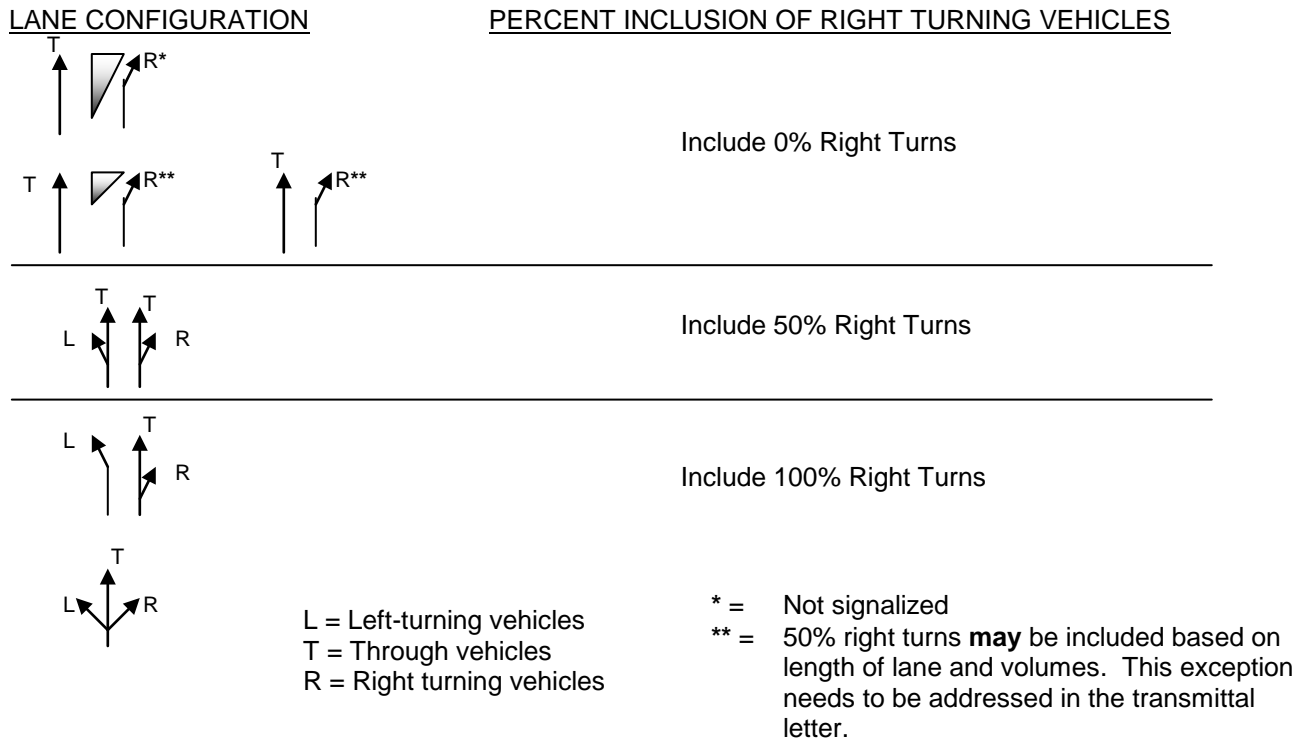




# Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Traffic Operations		2-3-2
CHAPTER 2	Signal Investigation Study	
SECTION 3	Traffic Signal Warrants	
SUBJECT 2	Right Turn Inclusions	

Before evaluating traffic volumes against warrant criteria, inclusions of right turn vehicles **shall** be considered. The number of right turn vehicles included in the intersection analysis plays an important role in the overall operation of the intersection. The traffic control for the right turning vehicles *should* be known prior to determining the percentage of inclusion. The Department uses three right turn inclusion percentages based on the impact of the right turns on operation of the intersection. Figure 1 below shows lane configurations and the corresponding percentages. These percentages *should* be applied to the minor street volumes in accordance with the MUTCD 4C-1.



**Figure 1.** Right Turn Inclusion Percentages