



# Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		4-2-1
CHAPTER 4	Field Investigation Guidelines	
SECTION 2	Intersection Inventory	
SUBJECT 1	Geometrics	

Existing intersection and approach geometrics **shall** be verified in the field, including:

- Approach grade
- Lane usage
- Lane widths
- Parking
- Left- and right-turn channelization
- Sight distance restrictions
- Sidewalks
- Bike paths
- Posted speed limit
- Other related information

Furthermore, information regarding R.O.W. and drainage *should* be checked. R.O.W. restrictions *may* require permanent easements to be obtained for the placement and maintenance of traffic signal equipment. Drainage characteristics *should* be taken into consideration to avoid placement of signal equipment, particularly controller cabinets in low points or flow lines.

Further investigation *may* be necessary to address certain special conditions, which could include the need for emergency pre-emption, signal interconnection, and accommodation of handicapped persons.