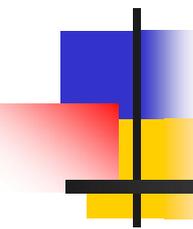
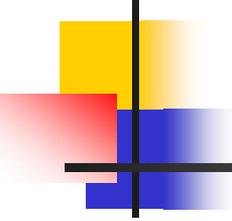


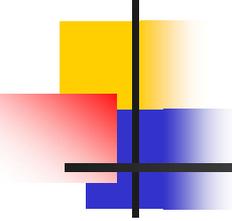
Signalized Intersection Spacing





Signalized Intersection Spacing

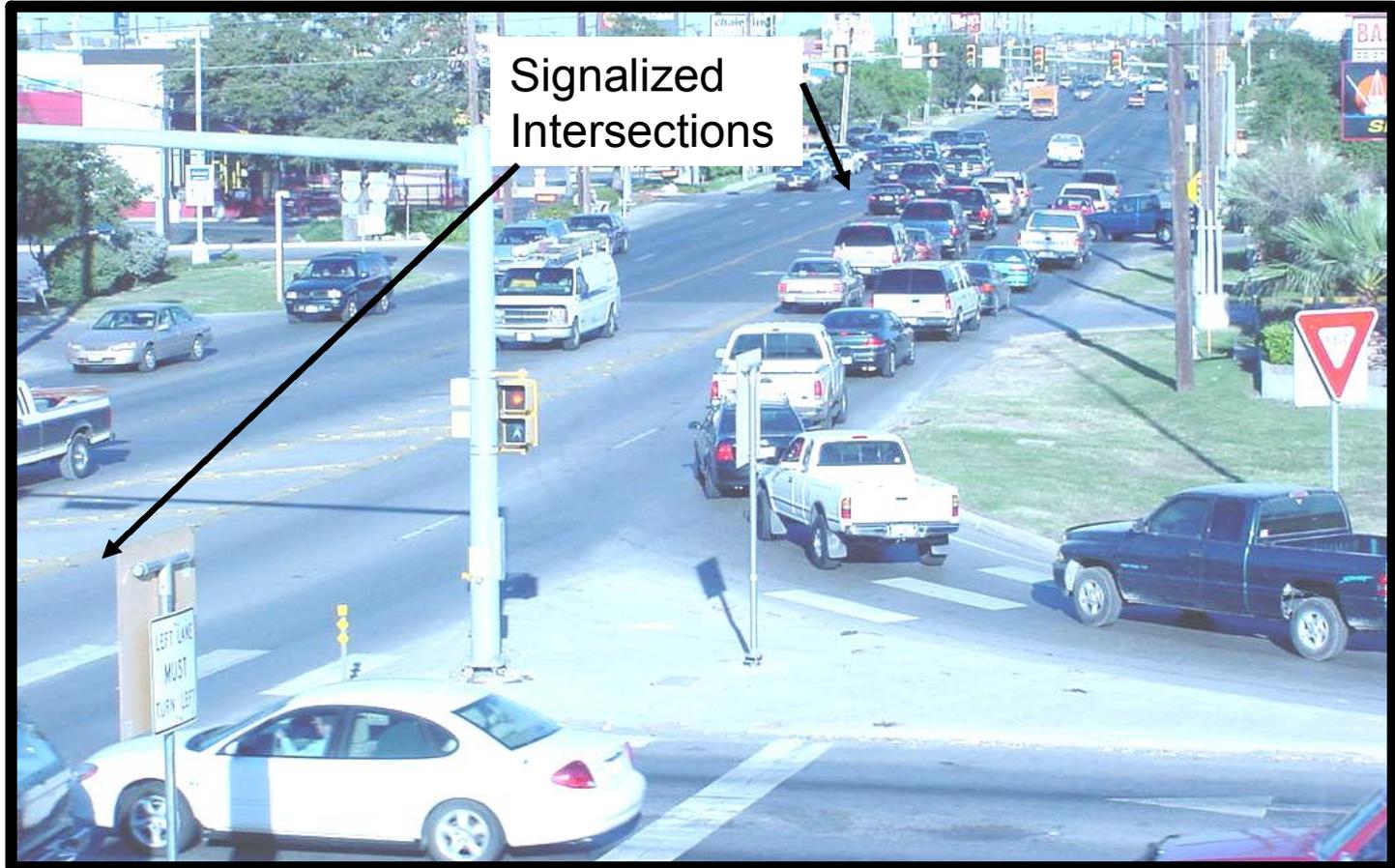
- Consider within the functional design
- Consider future signal locations when laying out streets
- Optimal and uniform signal spacing is essential if efficient progression and appropriate speeds for arterial streets are to be achieved



Signalization Variables

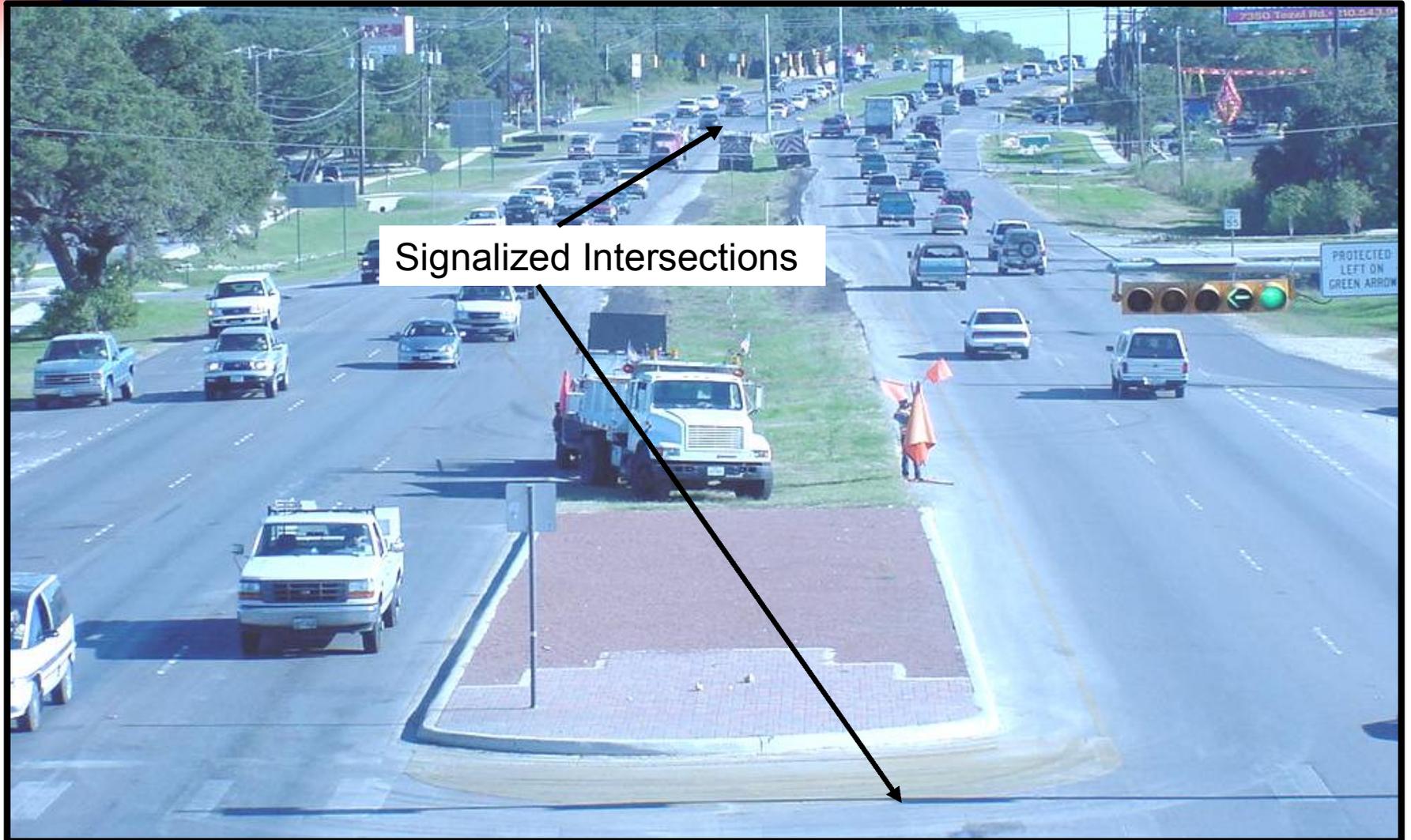
- Roadway Speed and Traffic Volumes
- Cycle Length and Offset
- Signal Spacing
- Efficiency of Progression
- Texas Manual on Uniform Traffic Control Devices

Signalized Intersection Spacing

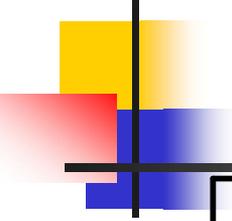


- Poor Signal Spacing

Better Signalized Intersection Spacing



Travel Time and Signal Density



Percentage Increase in Travel Times as Signalized Density Increases	
Signals per Mile	Percent Increase in Travel Times (compared with 2 signals per mile)
2.0	0
3.0	9
4.0	16
5.0	23
6.0	29
7.0	34
8.0	39