

## CHAPTER 9F. SIGNALS

### Section 9F.01 Application

Support:

01 Part 4 contains information regarding signal warrants and other requirements relating to signal installations.

Option:

02 For purposes of signal warrant evaluation, bicycles may be counted as either vehicles or pedestrians.

Support:

03 Also refer to Part 4 of this Manual for highway traffic signals, Chapter 4H bicycle signals, in particular:

- A. Section 4H.101(CA) – Optional Use of Bicycle Signal Faces.
- B. Section 4H.102(CA) – Limit Line Bicycle Detection Zone.

### Section 9F.02 Bicycle Signal Faces

Support:

01 Chapter 4H contains information on the design and application of bicycle signal faces.

02 Section 9B.22 contains information for the Bicycle Signal sign that is required to be installed with a bicycle signal face.

### Section 9F.03 Signal Operations for Bicycles

Standard:

01 At installations where visibility-limited signal faces are used, signal faces shall be adjusted so bicyclists for whom the indications are intended can see the signal indications. If the visibility-limited signal faces cannot be aimed to serve the bicyclist, then separate signal faces shall be provided for the bicyclist.

02 On bikeways, signal timing and actuation shall be reviewed and adjusted to consider the needs of bicyclists.