

## CHAPTER 9D. SIGNALS

### Section 9D.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, bicyclists may be counted as either vehicles or pedestrians.

### Section 9D.02 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.**

### Section 9D.03 Bicycle Detection and Signal Timing at Intersections

Support:

02a The “Bicycle and Pedestrian Design Guidelines” contains further information regarding signal timing and bicycle detection at intersections. This document can be obtained from the Maryland State Highway Administration’s Office of Traffic & Safety, Traffic Development & Support Division (TDSD) at the address shown on Page i.

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