9. COMPLETE STREETS DESIGN
Practices and Procedures

9-1 BICYCLE AND PEDESTRIAN FACILITIES

9-1.01 Americans with Disabilities Act (ADA)

See MaineDOT ADA Compliance Policy for Construction and Maintenance and Design Guidance - Minimum ADA Requirements for Pedestrian Facilities.

If elements of a project are not able to comply fully with ADA guidelines, the ADA Technical Infeasibility Form shall be completed.

9-1.02 Sidewalks

See the *AASHTO Guide for the Planning, Design and Operation of Pedestrian Facilities* for information on sidewalks.

Cross Slope and Width

See Section 4-1.06 Sidewalks in Cross Section Elements for cross slope and width for sidewalks.

Grade

Sidewalk grade generally shall follow the grade of the adjacent roadway.

9-1.03 Shared Use Paths

See Chapter 5 of the *AASHTO Guide for the Development of Bicycle Facilities*.

9-1.04 Pedestrian Signals and Beacons

See the Traffic Section for the use and design of any pedestrian signals or beacons.

9-1.05 Bicycle Facilities

See the *AASHTO Guide for the Development of Bicycle Facilities.*

9-1.06 Crosswalks

See the MaineDOT Guidelines on Crosswalks.

9-2 PARKING LAYOUT

For both on-street and off-street parking see Design Guidance – On and Off-Street Parking.

9-3 TRAFFIC CONTROL DEVICES

9-3.01 Striping and Pavement Markings

See Design Guidance – Striping and Pavement Markings and the MaineDOT Striping and Pavement Markings Policy for Capital Projects.

9-3.02 Signs

The Region Traffic Engineer should review all existing and proposed signage for all projects. If necessary, new and replacement signs and the removal and resetting of existing signs should be items that are included in the project contract.

9-3.03 Traffic Signals

See the Traffic Section for the use and design of any traffic signals.

9-3.04 Rumble Strips

See Design Guidance – Rumble Strips

9-4 LANDSCAPING

Landscaping on projects should be discussed with the project team and will be project specific if necessary. If the team determines that landscaping is necessary, then the Landscape Architects in the Multimodal Program should be consulted for design.

9-5 TRAFFIC CALMING

See the following references for traffic calming measures:

FHWA Traffic Calming ePrimer

Section 2.6.2 of the *AASHTO Guide for the Planning, Design and Operation of Pedestrian Facilities*

9-6 TRANSIT CONSIDERATIONS

See Section 4.19 Transit Facilities and Section 7.3.19 Public Transit Facilities in the *AASHTO Green Book* and the *AASHTO Guide for the Geometric Design of Transit Facilities on Highways and Streets*.

9-7 RAILROAD CONSIDERATIONS

Any railroad impacts on a project should be coordinated with the project team which should include representation from the Office of Freight and Business Services.

Crossing Design

See Section 9.12 Railroad-Highway Grade Crossings in the *AASHTO Green Book.*

9-8 HIGHWAY LIGHTING

See the *AASHTO Roadway Lighting Design Guide* and Design Guidance – Medians and Islands.

For the use of breakaway devices, see Section 4.5.1 Breakaway Luminaire Supports in the *AASHTO Roadside Design Guide*.

9-9 STREET AMENITIES

Street Amenities on projects should be discussed with the project team and will be project specific if necessary. If the team determines that amenities are necessary, then the Landscape Architects in the Multimodal Program should be consulted for design.