

## 7.02 ROADWAY STANDARDS CHARTS

### TABLE 1: ROADWAY STANDARDS

Street Type	ADT (Average Daily Traffic) <sup>2</sup>	Maximum Length	Roadway Standards				Sidewalks/Bike Lanes Required	Other Requirements
			Minimum Pavement Width & Shoulders	Min/Max Grade <sup>1</sup>	Minimum ROW			
<b>Public: Dead-end</b>	Less than 250 ADT	1,000 ft - measured from center line of intersection to midpoint of turnaround	20/4	1%/8%	50		Dependent upon location, residential densities and adjacent or nearby current or future land uses	See DPW Infrastructure Design, Construction and Administration Standards for typical cross-section and all construction requirements
<b>Local</b>	251 to 1,000 ADT	Must Provide a through connection between Local or Collector roads	22/4	1%/8%	50		Dependent upon location, residential densities and adjacent or nearby current or future land uses	same as above
<b>Collector</b>	1,000 to 4,999 ADT	Must Provide a through connection between Local or Collector roads	24/8	1%/6%	50	Yes		same as above
<b>Arterial</b>	5,000 or more ADT	Must Provide a through connection to Local or Collector roads	24/8	1%/6%	75	Yes		same as above
<b>Private: Dead-end</b>	Less than 250 ADT	1,000 ft - measured from center line of intersection to midpoint of turnaround	20/4 or may be reduced by agreement between Board, DPW and Applicant	1%/8%	50		Dependent upon location, residential densities and adjacent or nearby current or future land uses	See DPW Infrastructure Design, Construction and Administration Standards for typical cross-section and all construction requirements
<b>Local</b>	251 to 1,000 ADT	Must Provide a through connection between Local or Collector roads	22/4 or may be reduced by agreement between Board, DPW and Applicant	1%/8%	50		Dependent upon location, residential densities and adjacent or nearby current or future land uses	same as above

<sup>1</sup>Abrupt or sever transitions in grades, shall require the Director of Public Works approval. <sup>2</sup>ADT rates for the development shall be determined using the Institute of Transportation Engineers (ITE) Trip Generation standards. Trip generation rates from other local sources may be used if the applicant demonstrates that these sources better reflect the local condition. Existing ADT shall be determined from actual counts.

Table 2: Geometric and Structural Guides for Roadways

Geometric & Structural Guides for Roads					
Roadway Types	Gravel (Private Only)	Dead- end	Local	Collector	Arterial
Average Daily Traffic Count (ADT)	0-50	0-250	251- 1,000	1,001-4,999	5,000+
Pavement Width Minimum	20'	20'	22'	24'	24'
Shoulder Width	4'	4'	4'	8'	8'
Pavement	1.5" ATG <sup>1</sup>				
Binder Course	N/A	2 1/2"	2 1/2"	2 1/2"	2 1/2"
Finish Wearing Course	N/A	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Slope of Roadway (min/max) <sup>2</sup>	1%/8%	1%/8%	1%/8%	1%/6%	1%/6%
Minimum Centerline Radii	100 ft	100 ft	200 ft	300 ft	400 ft
Base Course Gravel Depth	16"	16"	16"	16"	24"
Finish Course Depth 1 1/2" Crushed Gravel	8"	8"	8"	8"	8"
<sup>1</sup> ADT = Asphalt Treated Gravel of not less than 1 gallon asphalt per square yard.					
<sup>2</sup> Abrupt or sever changes in grades shall require the Director of Public Works approval.					
Note: These guides are intended to apply to both public and private roadways.					

### 7.03 SIDEWALKS

The Planning Board may require sidewalks for pedestrian traffic to provide a connection between the main entrances of business, housing or industrial establishments, parking areas and along public roadways.

The Planning Board may also require sidewalks from the road to the main building entrance or along the road frontage if there is a reasonable expectation pedestrian patrons, residents, neighbors, children, shoppers or employees would be traveling to or from the site.

All sidewalks adjacent to parking areas or access drives shall be at least six inches (6) above grade and curbed with vertical granite curbing.

All sidewalks shall include a means for handicapped access and comply with ADA standards.

Design details and construction standards for sidewalks can be found in the Department of Public Works Infrastructure Design, Construction & Administration Standards.