

STREET CLASSIFICATION & DESIGN STANDARDS											
	PUBLIC STREETS								PRIVATE WAYS		
			Urban	Rural	Urban	Rural	Industrial/		Gravel	Gravel	Paved
	Arterial	Collector	Subcollector	Subcollector	Access	Access	Commercial	Service	1 Lot	2-6 Lots	7-10 Lots
Right of Way Width	60' - 100'	60' - 80'	50'	50'	50'	50'	50' - 80'	50' - 100'	50'	50'	50'
Shoulder Width	6' - 10'	4'	4'	4'	4'	4'	6'	4'	2'	2'	2'
Shoulder Type	Paved	Paved	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Sidewalk	***	One Side	One Side	None	***	None	***	***	None	None	None
Min. Pavement Width (Add 8' of width for each lane of on-street parking)	24'	24'	24'	22'	22'	20'	24'	18'	12'	18'	20'
Minimum Grade	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%
Maximum Grade **	AASHTO	AASHTO	6-8%	6-8%	6-10%	6-12%	6%	6%	6-10%	6-10%	6-12%
Min. Centerline Radius	AASHTO	350'	230'	230'	150'	150'	230'	130'	60'	60'	130'
Min. Tangent between curves of reverse alignment	AASHTO	200'	200'	200'	100'	100'	200'	-	-	-	100'
Min. angle of st. intersection for 60' from the intersection	90	90	70	70	70	70	90	90	90	90	90
Min. dist. Between st. intersections											
Same Side	AASHTO	400'	300'	300'	300'	300'	400'	300'	-	200'	200'
Opposite Side	AASHTO	250'	200'	200'	200'	200'	250'	200'	-	200'	200'
Max. Grade at Intersections within 60' of intersection	AASHTO	2%	2%	2%	3%	3%	2%	2%	2%	2%	2%
Curb Radii at Intersections											
90 .....	AASHTO	20'	20'	20'	15'	15'	30'	20'	15'	15'	15'
70 - 90.....	AASHTO	30'	30'	30'	30'	30'	40'	30'	15'	15'	30'
90 - 100 .....	AASHTO	40'	40'	40'	30'	30'	50'	30'	15'	15'	30'
Design Speed (mph)	AASHTO	40	30	35	25	25	30	30	N/A	N/A	25
Sight Distance											
K Factor-Crest Vertical Curve		60	30	45	20	20	30	30	N/A	N/A	20
K Factor-Sag Vertical Curve		70	40	50	30	30	40	40	N/A	N/A	30
ADT - Average Daily Traffic		1000-3000	250-2000	250-1000	0-250	0-250	1000-3000	N/A	N/A	0-60	0-250
Max. Length (Dead End Ways)	1500'	1500'	1500'	1500'	1500'	1500'	None	None	None	None	1500'
Turn around at Dead End									****	****	****
Stormwater Drainage									*	*	*
* NOTE: AS REQUIRED BY THE TOWN ENGINEER											
** NOTE: MAX. GRADE: LOWER PERCENTAGE PREFERRED; HIGHER PERCENTAGE W/TOWN ENGINEER APPROVAL											
*** NOTE: MAY BE REQUIRED IF PLANNING BOARD DETERMINES THERE IS COMPELLING PUBLIC SAFETY REASON.											
**** NOTE: PRIVATE WAYS SHALL MEET THE DESIGN REQUIREMENTS OF SECTION V,F.,4,a											
NOTE: AASHTO means the latest edition of "A Policy on Geometric Design of Highways and Streets" by the American Association of State Highway and Transportation Officials.											

GORHAM LAND USE AND DEVELOPMENT CODE			TABLE 2						Adopted 03/04/08		
MINIMUM STANDARDS AND DIMENSIONS											
	PUBLIC STREETS								PRIVATE WAYS <sup>1</sup>		
<u>MATERIAL</u>	Arterial	Collector	Urban Subcollector	Rural Subcollector	Urban Access	Rural Access	Industrial/Commercial	Service	Gravel 1 Lot	Gravel 2-6 Lots	Paved 7-10 Lots
Aggregate Sub-Base Courses											
Type E	18'	12"	12"	9"	9"	9"	12"	6"	-	-	-
Type D	15"	15"	15"	12"	12"	12"	15"	15"	12"	15"	15"
Crushed Aggregate Base Course	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
1 1/2" Crushed, Type A, or Reclaimed											
Hot Bituminous Pavement:											
Total Thickness Compacted	6"	5"	5"	4"	4"	4"	5"	4"	-	-	2 1/2"
Base Course, B-Mix	2 - 2"	2 - 1 3/4"	2 - 1 3/4"	2 1/2"	2 1/2"	2 1/2"	2 - 1 3/4"	2 1/2"	-	-	1 1/2"
Base Course, HMA 19.0 mm	2 - 2"	3 1/2"	3 1/2"	2 1/2"	2 1/2"	2 1/2"	3 1/2"	2 1/2"	-	-	-
Surface Course, C-Mix	2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	-	-	1"
Surface Course, HMA 9.5 mm	2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	-	-	2 1/2"
Bituminous Concrete Sidewalk:											
Crushed Aggregate Base Course		10"	10"		10"						
Pavement Surface Course		2 - 1"	2 - 1"		2 - 1"						
C-Mix or HMA 9.5 mm											

NOTE: ALL METHODS AND MATERIALS TO MEET SPECIFIED CURRENT M.D.O.T. STANDARDS