

SUBDIVISION OF LAND

250 Attachment 1

Town of Cumberland

Subdivision Road Standards

**Table 2: Geometric Design Standards (See Also Associated Figures Following this Table)
[Amended 7-25-2016]**

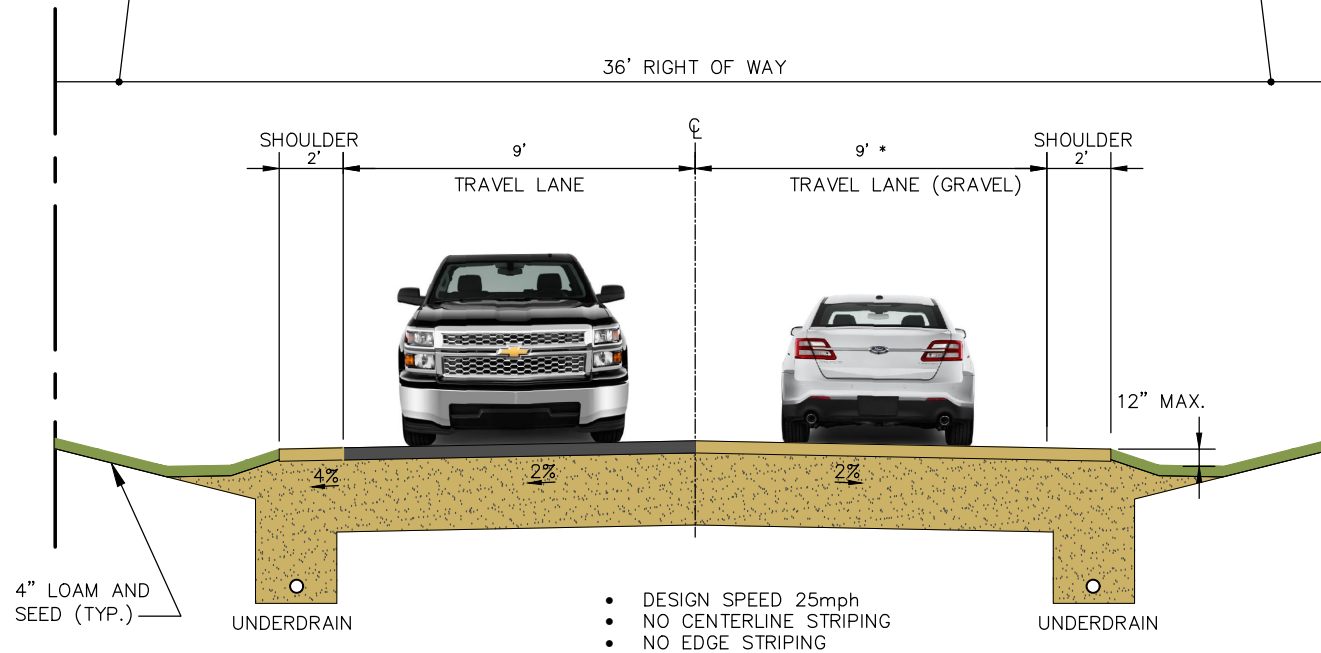
Dimensional Description	Residential Access < / = 50 vpd	Residential Access > 50 vpd	Mixed-Use Commercial Access	Trip generation estimate based on latest edition of the ITE Trip Generation Manual for Single-Family Housing using Average Rates
Design speed (miles per hour)	25	25	30	
Posted speed (miles per hour)	25*	25*	25*	*Legal speed limits set by MaineDOT
Right-of-way width (feet)	36 feet**	50 feet*	60 feet*	*May require additional easements **Must include 5-foot snow storage inside easement on each side
Pavement width of traveled way, edge to edge (see road cross section)	18 feet*	22 feet	24 feet	*May be unpaved, but road will not be accepted as a public road
Curbing for entrance radius	Type 1	Type 1	Type 1	MaineDOT Standard Specifications Section 609 shall be applicable. No headstones allowed. Type 1 is vertical granite curb.
Curbing at remaining locations	Optional, Type 1 or 2 if used	Optional, Type 1 or 2 if used	TBD by project, Type 1 or 2 if used	MaineDOT Standard Specifications Section 609 shall be applicable. No headstones allowed. Type 2 is extruded concrete.
Shoulder widths (each side): Add to above pavement width of traveled way				
Without parking	2 feet (gravel)	2 feet (gravel)	4 feet (gravel)	
With parking	NA	4 feet (gravel)	4 feet (paved)	When parking is provided on one side of the road, it should be located on the right-hand side when entering the subdivision. On-street parking shall be limited to nonsidewalk side of the roadway.
Center line stripping	NA	TBD by project	Yes	
Shoulder (edge line) striping	NA	TBD by project	Yes	
Sidewalk width	NA	TBD by project	TBD by project	
Minimum pavement crown: inch per foot (%)	1/4 (2%)	1/4 (2%)	1/4 (2%)	
Minimum slope of shoulder: inch per foot (%)	1/2 (4%)	1/2 (4%)	1/2 (4%)	

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* GRAVEL RESIDENTIAL ACCESS
ROADS WILL NOT BE CONSIDERED
FOR ACCEPTANCE AS A PUBLIC ROAD

RESIDENTIAL ACCESS \leq 50 VPD
TYPICAL SECTION