

Comparison of VDOT Functional Classification Classes to the Multimodal Corridor Types

VDOT Functional Class (Design Speed)	Interstate, Freeway or Expressway (50 – 70 mph)	Urban Other Principal Arterial (30 – 60 mph)	Urban Minor Arterial (30 – 60 mph)	Urban Collector (30 – 50 mph)	Local Street (20 – 30 mph)
Multi Modal Street Typology (Design Speed)	Multimodal Through Corridor (35 – 55 mph)				
		Transit Boulevard (30 – 35 mph)			
		Boulevard (30 – 35 mph)			
			Major Avenue (30 – 35 mph)		
			Avenue (25 – 30 mph)		
					Local Street (25 mph)

Notes:

1. See Road Design Manual, Appendix A for geometry design criteria
2. Posted Speed = Design Speed when Design Speed is 45 mph or less.
3. Roadway (Street) can be posted for less than the Design Speed.

Roadway Typical Section

By combining Multimodal Center Type with Corridor Modal Emphasis and Roadway Typology, the appropriate dimensions (minimum, optimum or in between) of the elements of design that define the roadway typical section are determined. However, if the optimum value(s) cannot be met for the modal emphasis primary element(s) a design waiver shall be submitted in accordance with IIM-LD-227.