

YAKIMA COUNTY

GEOMETRIC CROSS-SECTION FOR NEW CONSTRUCTION AND RECONSTRUCTION

MINIMUM DESIGN ELEMENTS	URBAN ARTERIALS		RURAL COLLECTORS			URBAN ACCESS		RURAL ACCESS	
	PRINCIPAL AND MINOR	COLLECTOR	MAJOR AND MINOR			FUNCT. CLASS; 19		FUNCT. CLASS; 09	
	FUNCT. CLASS; 14,15,16	FUNCT. CLASS; 17	FUNCT. CLASS; 07, 08			No Parking	Parking		
	Curbed	Curbed	Shouldered			Curbed		Shouldered	
			AADT above 2000	AADT 1000 to 2000	AADT below 1000	DHV ALL	DHV ALL	AADT below 1000	
Right of Way	60 FEET MINIMUM, BUT NOT LESS THAN REQUIRED FOR ALL DESIGN ELEMENTS.								
Roadway Width (a)	44-65 Feet	35-43 Feet	40 Feet	34 Feet	30 Feet	28 Feet	32 Feet	30 Feet	
Lane Width	(A) Exterior (b)	12/14 Feet (e)	11/12/14 Feet (e)	12 Feet	12 Feet	11 Feet	14 Feet	13 Feet	11 Feet
	(B) Interior Thru	11 Feet							
	(C) 2 Way Left Turn	11 Feet	11 Feet	11 Feet	11 Feet	11 Feet			
	(D) Exclusive Turn	11 Feet	11 Feet	11 Feet	11 Feet	11 Feet			
	(E) Bike Lane	5 Feet	5 Feet					6 Feet	11 Feet
Shoulder Width (c)			8 Feet	5 Feet	4 Feet			4 Feet	
Clear Zone and Slide Slopes	AASHTO, WSDOT, or LOCAL STANDARDS								
Sidewalk Width	6.5 Feet	6.5 Feet				5 Feet (d)	5 Feet (d)		
Ditch Slope	NOT STEEPER THAN 3:1; FLATTER SLOPES ARE DESIRABLE WHERE POSSIBLE.								
Standard Roadway Section Number	1	2	4	5	6	3	4A	6	

General Notes:

- (a) Distance is measured from the face of curb on curbed sections and from outside edge to outside edge of pavement on shouldered section.
- (b) Width does not include the width of the gutter in curbed sections.
- (c) Additional 2 feet of widening required when guardrail is necessary.
- (d) Width may be reduced to 4 feet if a minimum 3 foot wide buffer is provided