

## Appendix A. Schedule 5.02(A)1

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### WASHINGTON STATE COUNTY ARTERIAL DESIGN STANDARDS

AVERAGE DAILY TRAFFIC (ADT) Current	Under 250	250-400	400-750		
DESIGN HOURLY VOLUME (DHV) 15 yrs. Hence			100-200	200-400	400+
<u>SHARPEST CURVE</u> (Degrees, Radius in feet), Flat, Rolling, Mountainous	Max. Min.	Max. Min.	Max. >Min.	Max. Min.	Max. Min.
	D° R'				
	8.5 694 13.5 427 25.0 231	8.5 694 13.5 427 25.0 231	7.5 758 12.5 464 23.0 250	7.5 758 12.5 464 23.0 250	7.0 833 11.5 508 21.0 273
GRADIENT* Flat Rolling Mountainous	Maximum	Maximum	Maximum	Maximum	Maximum
	6% 8% 11%	6% 8% 11%	6% 7% 9%;	4% 5%eol;7%;	4% 5%eol;7%
PAVEMENT WIDTH	Minimum	Minimum	Minimum	Minimum	Minimum
	20'	20'	22'	24'	24'
<u>STOPPING SIGHT DISTANCE</u> Flat Rolling Mountainous	350' 275' 200'	350' 275' 200'	350' 275' 200'	350' 350' 350'	350' 350' 350'
WIDTH OF ROADWAY**	28'	28'	34'	40'	40'
NUMBER OF LANES	2	2	2	2	2
NEW BRIDGES # Curb to Curb Width (Ft.) Design Load (AASHO) Vertical Clearance	26' H-20 14.5	26' H-20 14.5	28' H-20 14.5	40' H-20 14.5	40' H-20 14.5
RIGHT OF WAY WIDTH	60'	60'	60'	Adequate	Adequate

\*May be steeper for short distances

\*\*For guardrail installation, width of shoulder to be additional two feet

# :hg;All bridge curbs to meet state standards

Sidewalks to be determined on an individual basis

Wahkiakum County, Washington, Code of Ordinances  
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Geometric Design Standards for over 600 DHV shall be determined from the results of an engineering study based on AASHO or acceptable standards