

	Design Element			Manual Section	Design Criteria	
Design Controls	Design Forecast Year			9.6.2	20 years	
	*Design Speed			9.5.2	35 to 60 mph	
	Access Control			9.8	Limited/Controlled by Regulation	
	Level of Service			9.6.4	Desirable: C	
Cross Section Elements	*Travel Lane Width			13.2.3	12'	
	*Right Shoulder Width	Total Width		13.2.4	10' or Curb and Gutter	
		Paved Width			2' or Curb and Gutter	
	*Left Shoulder Width	Total Width			10' or Curb and Gutter	
		Paved Width			2' or Curb and Gutter	
	Auxiliary Lanes	Lane Width		13.2.5	12'	
		Shoulder Width	Total Width		Des.: 10' Min.:4' or Curb and Gutter	
			Paved		2' or Curb and Gutter	
	Parking Lane Width			21.2.8	12' <b>(1)</b>	
	Cross Slope	*Travel Lane		13.2.3.3	2.08%	
		Auxiliary Lane		13.2.5	2.08% <b>(2)</b>	
		*Shoulder	Paved		13.2.4.3	2.08% <b>(3)</b>
			Unpaved			8.33%
	Bicycle	Lane Width		13.2.3	4' <b>(4)</b>	
		Shared Roadway Width			14' Outside Travel Lane	
	Curb and Gutter	Type <b>(5)</b>		21.2.9	Vertical or Sloping	
		Width			2'	
	Sidewalk Width			21.2.10	5'	
	Median Width	Depressed		13.4.2.3	36'	
		TWLTL		21.2.7	15'	
		Flush		13.4.2.1	Des: 12' Min: 4'	
Roadway Elements	Side Slopes	Cut Section	Foreslope	13.3	6H:1V	
			Ditch Type		V-Ditch	
			Back Slope		4H:1V to 2H:1V <b>(6)</b>	
		Fill Section	0' – 5'		6H:1V	
			5' – 10'		4H:1V	
			> 10'		2H:1V	
	Median Slopes	Depressed		13.4.2	6H:1V	
		Flush/TWLTL		21.2.7	2.08%	
	Clear Zone			14.3	<b>(7)</b>	

\*Controlling design criteria (see Section 9.2).

Design Criteria for Suburban/Urban Arterials (New Construction/Reconstruction)  
Figure 21.3A