

## **Appendix E**

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### *Roadway Design Standards*



# ROADWAY DESIGN STANDARDS (1)

## URBAN DESIGN

Classification	Design Traffic (DHV)	Parking	Pavement width (ft)	Median Width (ft)	Walk and Border	Right-of-way Width (ft)
Arterial 6 lanes divided	2,100-3,800	None	2 at 38	16	2 at 26	120
Arterial 5 lanes divided	1,000-2,200	None	66	0	2 at 18	120
Arterial 4 lanes divided	1,000-2,200	None	2 at 26 (5)	16	2 at 15	100-120
Arterial 4 lanes undivided	1,000-2,000	None	50 (4) (5)	0	2 at 13-15	100
Arterial 3 lanes	1,000-2,000	None	42	0	2 at 16	100
Arterial 2 lanes undivided	<1,200	None	26-38	0	2 at 21-27	80
Collector	900-2,000	None	26-50 (5)	0	2 at 15-27	80
Local	<1,000	Both Sides	36	0	2 at 12	60
Local	<500	Both/ One Side	27	0	2 at 11.5	50
Local non-residential		None		0	None	60-80

***RURAL DESIGN***

Classification	Design Traffic (DHV)	Parking	Pavement (2) Width (ft)	Median Width (ft)		Walk and Border	Right-of-way Width (ft)
				Max	Min		
Arterial 4-6 lanes divided	1,500-3,300	Partial or none	2 at 24	50	40	-	150-180
Arterial 2-5 lanes undivided	-1,600	Partial or none	24	None		-	120-150
Collector 4-5 lanes	900-2,000	None	48	None		-	110-120
Collector 3 lanes	900-2,000	None	36	None		-	100
Collector 2 lanes	-1,000	None	24	None		-	100
Local	<1,000	None	24	None		-	80
Local non-residential		None		None		-	60-80

**FULL/LIMITED ACCESS DESIGN**

Classification	Design Traffic (DHV)	Controlled Access	Pavement (2) Width (ft)	Median Width (ft)		Walk and Border	Right-of-way Width (ft)
				Max	Min		
Interstate/Freeway 6 lanes urban	>4,000	Full	2 at 38	60	40	-	300 (3)
Interstate/Freeway 4 lanes urban	2,800 - 4,400	Full	2 at 26	60	40	-	300 (3)
Interstate/Freeway 6 lanes rural	>4,000	Full	2 at 38	60	40	-	300
Interstate/Freeway 4 lanes rural	2,800 - 4,400	Full	2 at 26	60	40	-	300
Expressway/Other Freeway 6 lanes	>3,200	Partial	2 at 38	60	40	-	200
Expressway/Other Freeway 4 lanes	2,400 - 4,000	Partial	2 at 26	60	40	-	200

**NOTES:**

**(1) :**

Standards for all streets are closely related to the character of abutting land uses, natural features, the volume of traffic to be accommodated, and construction requirements. Standards are applied for all new construction and for complete reconstruction projects.

**(2) :**

Plus shoulders if no curb and gutter:

	<u>Right</u>	<u>Left (divided roadways)</u>
Interstate	10	6
Expressway	10	6
Arterial	10	2
Collector	8	NA
Local	6	NA

**(3) :**

100 feet less if frontage roads are not required.

**(4) :**

Plus 12 foot left-turn lanes where major left-turn movements exist.

**(5) :**

Eight foot parking lanes can be added to these streets if necessary and if additional right-of-way is available.