

**TERTIARY ROADS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2001.01	Tertiary Residential Street - Sidewalk on One Side																
	44	2	5	5	0	0	10	0	0	0	10	0	0	12	0	0	1
2001.02	Tertiary Residential Street - Sidewalk on Both Sides																
	50	2	5	8	0	0	10	0	0	0	10	0	0	8	5	2	1
2001.03	Tertiary Residential Street - Open Section																
	74	2	5	20	0	0	10	0	0	0	10	0	0	20	5	2	2,3

- Notes: 1. Parking lane may be added where regular on-street parking is expected  
 2. Occasional parking may be accommodated in the buffer  
 3. New Standard ROW needed to avoid sidewalk placement in a PIE

**SECONDARY ROADS**

2002.01	Secondary Residential Street - No Parking																
	60	2	5	10	0	0	13	0	0	0	13	0	0	10	5	2	
2002.02	Secondary Residential Street - Parking on One Side																
	60	2	5	7.5	8	0	10	0	0	0	11.5	0	0	9	5	2	
2002.03	Secondary Residential Street - Parking on Both Sides																
	70	2	5	10	8	0	10	0	0	0	10	0	8	10	5	2	
2002.04	Secondary Residential Street - Open Section																
	78	2	5	20	0	2	10	0	0	0	10	2	0	20	5	2	1

- Notes: 1. New Standard ROW needed to avoid Sidewalk placement in a PIE

**PRIMARY/PRINCIPAL SECONDARY RESIDENTIAL ROADS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2003.08	Primary/Principal Secondary Residential Street - With Bike Lanes, Parking on One Side																
	70	2	5	8.5	8	5	10	0	0	0	10	5.5	0	9	5	8	
2003.09	Primary/Principal Secondary Residential Street - With Bike Lanes, Parking on Both Sides																
	84	2	6	10	8	6	10	0	0	0	10	6	8	10	6	2	
2003.10	Primary/Principal Secondary Residential Street - No Designated Parking																
	70	2	6	14	0	0	13	0	0	0	13	0	0	14	6	2	
2003.11	Primary/Principal Secondary Residential Street - Parking on One Side																
	70	2	6	12	8	0	11	0	0	0	11.5	0	0	11.5	6	2	
2003.12	Primary/Principal Secondary Residential Street - Parking on Both Sides																
	70	2	5	9	8	0	11	0	0	0	11	0	8	9	5	2	
2003.14	Primary/Principal Secondary Residential Street - Open Section																
	84	2	5	20	0	5	10	0	0	0	10	5	0	20	5	2	

**ARTERIAL/MINOR ARTERIAL/ COUNTRY ARTERIAL/ COUNTRY ROAD**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2004.01	Urban Arterial Road - 4 Lanes																
	80	2	7	6	0	0	14	11	0	11	14	0	0	6	7	2	
2004.02	Urban Arterial Road - 4 Lanes With Bike Lanes																
	80	2	5.5	6	0	5.5	10	11	0	11	10	5.5	0	6	5.5	2	
2004.03	Urban Arterial Road - 5 Lanes																
	90	2	6	6	0	0	14	11	11	11	14	0	0	6	6	2	1
2004.04	Urban Arterial Road - 5 Lanes With Bike Lanes																
	90	2	5	5.5	0	5.5	10	11	11	11	10	5.5	0	5.5	5	2	4
2004.05	Divided Urban Arterial Road - 4 Lanes																
	100	2	8	6	0	0	14	11.5	17	11.5	14	0	0	6	8	2	
2004.06	Divided Urban Arterial Road - 4 Lanes With Bike Lanes																
	100	2	6.5	6	0	5.5	10	11.5	17	11.5	10	5.5	0	6	6.5	2	

Notes: 1. Median is TWLTL

2. For 40 mph, adjust the curbside dimension to accommodate tree in the maintenance offset area

3. Use Suburban Open Section Standard 2004.14 to accommodate sidewalks and 2004.16 to accommodate sidewalks & median

4. Std. 2004.06 is preferred

General note: 14' or 14.5' outside lane widths are intended to provide one or more of the following:

- > Improved bike accommodation on busier streets without bike lanes
- > Space for off-peak parking on arterials and major highways while maintaining bike accommodation
- > Improved accommodation for transit vehicles (and stops) on heavily traveled streets

**ARTERIAL/MINOR ARTERIAL/ COUNTRY ARTERIAL/ COUNTRY ROAD (continued)**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2004.07	Suburban Arterial Road - 4 Lanes																
	80	2	5	8	0	0	14	11	0	11	14	0	0	8	5	2	
2004.08	Suburban Arterial Road - 4 Lanes With Bike Lanes																
	80	2	5	6.5	0	5.5	10	11	0	11	10	5.5	0	6.5	5	2	
2004.09	Divided Suburban Arterial Road - 4 Lanes																
	100	2	5	9	0	0	14	11.5	17	11.5	14	0	0	9	5	2	2
2004.10	Divided Suburban Arterial Road - 4 Lanes With Bike Lanes																
	100	2	5	6.5	0	5.5	11	11.5	17	11.5	11	5.5	0	6.5	5	2	2
2004.11	Suburban Arterial Road - 5 Lanes																
	90	2	5	7	0	0	14	11	11	11	14	0	0	7	5	2	1
2004.12	Suburban Arterial Road - 5 Lanes With Bike Lanes																
	90	2	5	5.5	0	5.5	10	11	11	11	10	5.5	0	5.5	5	2	1,5
2004.14	Suburban Arterial Road - 4 Lanes - Open Section With Bike Lanes																
	110	2	5	21	0	5	11	11	0	11	11	5	0	21	5	2	6

Notes: 1. Median is TWLTL

2. For 40 mph, adjust the curbside dimension to accommodate tree in the maintenance offset area

3. Use Suburban Open Section Standard 2004.14 to accommodate sidewalks and 2004.16 to accommodate sidewalks & median

4. Std. 2004.06 is preferred

5. Std 2004.10 is preferred

6. Std 2004.16 is preferred

General note: 14' or 14.5' outside lane widths are intended to provide one or more of the following:

> Improved bike accomodation on busier streets without bike lanes

> Space for off-peak parking on arterials and major highways while maintaining bike accomodation

> Improved accomodation for transit vehicles (and stops) on heavily traveled streets

ARTERIAL/MINOR ARTERIAL/ COUNTRY ARTERIAL/ COUNTRY ROAD (continued)

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2004.16	Divided Suburban Arterial Road - 4 Lanes - Open Section With Bike Lanes																
	120	2	5	17	0	5	11	11.5	17	11.5	11	5	0	17	5	2	
2004.18	Rural Arterial Road - 4 Lanes - Open Section with Bike Lanes																
	100	2	5	17.5	0	5	12	12	0	12	12	5	0	17.5	0	2	3
2004.19	Urban Minor Arterial Road - 2 Lanes																
	70	2	8	10.5	0	0	14.5	0	0	0	14.5	0	0	10.5	8	2	
2004.20	Urban Minor Arterial Road - 2 Lanes With Parking																
	70	2	7	7	8	0	11	0	0	0	11	0	8	7	7	2	
2004.21	Urban Minor Arterial Road - 2 Lanes With Bike Lanes																
	70	2	8	8.5	0	5.5	11	0	0	0	11	5.5	0	8.5	8	2	
2004.22	Urban Minor Arterial Road - 2 Lanes With Bike Lanes and Parking																
	80	2	7	6	8	6	11	0	0	0	11	6	8	6	7	2	
2004.23	Urban Minor Arterial Road - 3 Lanes																
	70	2	7	6	0	0	14	0	11	0	14	0	0	6	7	2	1
2004.24	Urban Minor Arterial Road - 3 Lanes With Parking																
	80	2	7	6	8	0	11	0	11	0	11	0	8	6	7	2	1

Notes: 1. Median is two way left turn lane

2. Sidewalk Optional

3. Use Suburban Open Section Standard 2004.14 to accommodate sidewalks and 2004.16 to accommodate sidewalks & median

General note: 14' or 14.5' outside lane widths are intended to provide one or more of the following:

- > Improved bike accomodation on busier streets without bike lanes
- > Space for off-peak parking on arterials and major highways while maintaining bike accomodation
- > Improved accomodation for transit vehicles (and stops) on heavily traveled streets

**ARTERIAL/MINOR ARTERIAL/ COUNTRY ARTERIAL/ COUNTRY ROAD (continued)**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2004.25	Suburban Minor Arterial Road - 2 Lanes																
	70	2	5	13.5	0	0	14.5	0	0	0	14.5	0	0	13.5	5	2	
2004.26	Suburban Minor Arterial Road - 2 Lanes With Bike Lanes																
	70	2	5	11.5	0	5.5	11	0	0	0	11	5.5	0	11.5	5	2	
2004.27	Suburban Minor Arterial Road - 2 Lanes With Parking																
	70	2	5	9	8	0	11	0	0	0	11	0	8	9	5	2	
2004.28	Suburban Minor Arterial Road - 2 Lanes With Bike Lanes and Parking																
	80	2	5	8	8	6	11	0	0	0	11	6	8	8	5	2	
2004.29	Suburban Minor Arterial Road - 3 Lanes With Parking																
	80	2	5	8	8	0	11	0	11	0	11	0	8	8	5	2	1
2004.31	Suburban Minor Arterial Road - 2 Lanes - Open Section With Bike Lanes																
	80	2	5	17	0	5	11	0	0	0	11	5	0	17	5	2	
2004.33	Rural Minor Arterial Road - 2 Lanes With Bike Lanes																
	82	2	5	20	0	5	12	0	0	0	12	5	0	19	0	2	2
2004.34	Country Road																
	62	2	0	17	0	2	10	0	0	0	10	2	0	17	0	2	
2004.35	Country Arterial																
	70	2	0	18	0	4	11	0	0	0	11	4	0	18	0	2	

Notes: 1. Median is two way left turn lane

2. Sidewalk Optional

General note: 14' or 14.5' outside lane widths are intended to provide one or more of the following:

- > Improved bike accomodation on busier streets without bike lanes
- > Space for off-peak parking on arterials and major highways while maintaining bike accomodation
- > Improved accomodation for transit vehicles (and stops) on heavily traveled streets

**BUSINESS DISTRICT STREETS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2005.01	Business District Street - 2 Lanes With Parking on One Side																
	60	2	6	6.5	8	0	11	0	0	0	12.5	0	0	6	6	2	
2005.02	Business District Street - 2 Lanes With Parking on Both Sides																
	70	2	7	7	8	0	11	0	0	0	11	0	8	7	7	2	
2005.03	Business District Street - 4 Lanes With Parking																
	100	2	10	8	8	0	11	11	0	11	11	0	8	8	10	2	
2005.04	Divided Business District Street - 4 Lanes With Parking																
	112	2	7	7	8	0	11	12.5	17	12.5	11	0	8	7	7	2	1

Notes: 1. Raised Median

**INDUSTRIAL/OFFICE PARK STREETS**

2006.01	Industrial Street - 2 Lanes																
	60	2	5	8.5	0	0	14.5	0	0	0	14.5	0	0	8.5	5	2	
2006.02	Industrial Street - 3 Lanes																
	70	2	5	6.5	0	0	14.5	0	12	0	14.5	0	0	6.5	5	2	1
2006.03	Industrial Street - 4 Lanes																
	80	2	5	6.5	0	0	14.5	12	0	12	14.5	0	0	6.5	5	2	
2006.04	Divided Industrial Street- 4 Lanes																
	100	2	5	6.5	0	0	14.5	13.5	17	13.5	14.5	0	0	6.5	5	2	2

Notes: 1. Median is two way left turn lane  
2. Raised median

**PARKWAYS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2007.01	Urban Parkway																
	120	2	10	17	0	0	12.5	12.5	17	12.5	12.5	0	0	16	6	2	
2007.02	Suburban Parkway																
	150	7	10	24	0	6	11	12.5	17	12.5	11	6	0	25	6	2	
2007.03	Rural Parkway																
	150	2	10	20	0	8	12	12	32	12	12	8	0	20	0	2	1

Notes: 1. A 5' SW can be provided by reducing the median to 27'



**MAJOR HIGHWAYS, CONTROLLED MAJOR HIGHWAYS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Middle Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Middle Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2008.01	Urban Major Highway - 6 Lanes																		
	120	2	6	6	0	0	14	11	12.5	17	12.5	11	14	0	0	6	6	2	
2008.02	Urban Major Highway - 6 Lanes With Bike Lanes																		
	150	2	8	16	0	6	11	11	12.5	17	12.5	11	11	6	0	16	8	2	
2008.04	Suburban Major Highway - 6 Lanes With Bike Lanes																		
	150	2	5	19	0	6	11	11	12.5	17	12.5	11	11	6	0	19	5	2	
2008.05	Rural Major Highway - 6 Lanes - Open Section																		
	150	2	5	22.5	0	8	12	0	13.5	24	13.5	0	12	8	0	22.5	0	7	1

Notes: 1. To provide SW on both sides, adjust the Maint. Offset

General note: 14' or 14.5' outside lane widths are intended to provide one or more of the following:

- > Improved bike accomodation on busier streets without bike lanes
- > Space for off-peak parking on arterials and major highways while maintaining bike accomodation
- > Improved accomodation for transit vehicles (and stops) on heavily traveled streets

**MAJOR HIGHWAYS, CONTROLLED MAJOR HIGHWAYS**

Std. No.	Sum of Cross Section	Maintenance Offset	Sidewalk Width	Buffer Width	Parking Lane Width	Bike Lane / Shoulder	Outside Lane Width	Middle Lane Width	Inside Lane Width	Median/Center Lane Width	Inside Lane Width	Middle Lane Width	Outside Lane Width	Bike Lane / Shoulder	Parking Lane Width	Buffer Width	Sidewalk Width	Maintenance Offset	Notes
2008.07	Urban Controlled Major Highway - 6 Lanes < 45 mph																		
	150	2	10	14.5	0	0	13.5	12	13.5	24	13.5	12	13.5	0	0	14.5	5	2	
2008.08	Urban Controlled Major Highway - 6 Lanes ≥ 45 mph																		
	150	2	10	13	0	8	12	12	12	17	12	12	12	8	0	13	5	2	
2008.09	Suburban Controlled Major Highway - 6 Lanes < 45 mph																		
	150	2	10	19	0	0	13.5	12	13.5	24	13.5	12	13.5	0	0	7	5	5	
2008.10	Suburban Controlled Major Highway - 6 Lanes ≥ 45 mph																		
	150	5	10	10	0	8	12	12	12	17	12	12	12	8	0	10	5	5	
2008.11	Suburban Controlled Major Highway - 4 Lanes - Open Section																		
	150	2	10	21.5	0	8	12	0	12	24	12	0	12	8	0	21.5	5	2	
2008.12	Rural Controlled Major Highway - 4 Lanes - Open Section																		
	150	2	10	20	0	8	12	0	12	32	12	0	12	8	0	20	0	2	1

Notes: 1. Use Standard 2008.11 to provide sidewalks on both sides

2009.01 Freeways should be designed in accordance to the guidelines provided in the American Association of State Highway and Transportation Officials (AASHTO) document, "A Policy on Design Standards - Interstate System"