

AVERAGE CARS

PARKING ANGLE	WIDTH AT CURB	SINGLE LOADED AISLES		DOUBLE LOADED AISLES	
		ONE-WAY TRAFFIC	TWO-WAY TRAFFIC	ONE-WAY TRAFFIC	TWO-WAY TRAFFIC
BAY WIDTH * (feet)					
30°	16.61	26.9	34.9	41.9	50.0
32.5°	15.45	27.5	35.4	42.9	51.0
35°	14.48	27.9	35.8	43.9	51.9
37.5°	13.64	28.4	36.3	44.8	52.7
40°	12.92	28.7	36.7	45.5	53.3
42.5°	12.29	29.4	37.1	46.4	53.9
45°	11.74	30.2	37.6	47.6	54.6
47.5°	11.26	31.1	38.0	48.8	55.2
50°	10.84	32.0	38.3	49.9	55.8
52.5°	10.47	32.7	38.7	50.9	56.3
55°	10.14	33.6	39.0	51.7	56.7
57.5°	9.84	34.3	39.4	52.4	57.1
60°	9.59	35.1	39.7	53.3	57.5
62.5°	9.36	35.8	40.1	54.1	57.8
65°	9.16	36.5	40.4	54.9	58.2
67.5°	8.99	37.2	40.8	55.5	58.5
70°	8.83	37.9	41.1	56.1	58.8
72.5°	8.70	38.5	41.4	56.7	59.0
75°	8.59	39.2	41.7	57.3	59.2
77.5°	8.50	40.0	42.0	57.9	59.5
80°	8.43	40.6	42.3	58.5	59.7
82.5°	8.67	41.3	42.6	58.9	59.8
85°	8.63	42.0	42.9	59.4	59.9
87.5°	8.61	42.6	43.1	59.7	60.0
90°	8.60	43.3	43.3	60.1	60.1

STALL WIDTHS

8.3'

8.6'

Bay widths are based on 18.4' stall lengths. Stall widths as noted.

Alternate stall widths may only be used for 82.5° - 90° parking angles and must have special approval of the Community Development Director.

9'-0" width - Subtract 2 feet from bay width

9'-6" width - Subtract 4 feet from bay width

* See Engineering Standard 2220 for clarification of "BAY WIDTH"

SCALE: N.T.S.

STANDARD CURRENT AS OF: 10/21/2019

APPROVED BY: XX

NOTES:



CAL POLY

PARKING BAY DIMENSIONS AVERAGE CARS

2240