



Figure 4.4 Pathway design parameters detail.

TABLE 4.1 Levels of Service for Sidewalks

Level of service	Area per person	Interference
A	130 ft ²	A person can walk at his or her desired speed without interference.
B	40–130 ft ²	Pedestrians are aware of other pedestrians.
C	24–40 ft ²	A pedestrian needs to make minor adjustments to avoid conflicts with other pedestrians.
D	15–24 ft ²	A pedestrian has a limited ability to choose own speed, and he or she needs to make frequent adjustments.
E	6–15 ft ²	The sidewalk is very crowded, speed is reduced, and the shuffling pace occasionally makes changes in direction very difficult.
F	6 ft ²	There can be stationary or shuffling movement only, and there is unavoidable contact with others.

SOURCE: American Association of State Highway and Transportation Officials (AASHTO), *A Policy on General Design of Highways and Streets*, AASHTO, Washington, D.C., 1990.

by 60 in (1525 by 1525 mm). If a ramp run has a rise greater than 6 in (150 mm) or a horizontal projection greater than 72 in (1830 mm), then it should have handrails on both sides. Note, however, that handrails are not required on curb ramps.