Double bike lanes provide two separate, side-by-side lanes in the same direction for bicycle travel. Like a buffered lane, a double bike lane can provide separation from vehicle and parking lanes; it also allows faster cyclists to pass slower ones. Double bike lanes allow for more bicyclist through-put and can be considered on corridors with high-volume bicycle use and over short segments along commuter routes.

Images (clockwise from main image):
Double bike lanes on Milwaukee Avenue in Chicago. Source: Active Transportation Alliance.
Additional images:
Sources: Active Transportation Alliance; Jason McHuff.