Contraflow bike lanes can help to increase network connectivity in areas with many one-way streets by allowing bikes to travel against the flow of vehicular traffic. A double yellow line — along with bicycle lane and directional arrow markings, signage, and other treatments — provides separation and indicates that bicyclists will be moving against traffic. These facilities can make short but necessary connections between important bike corridors, bicycle parking facilities, and other destinations.

Images (clockwise from main image):
Contra-flow bike lane. Source: Dylan Passmore.

Additional images:
Sources: National Association of City Transportation Officials (NACTO); NACTO (Delaware Department of Transportation); NACTO; Richard Masoner, Cyclelicious, Flickr.