



FIGURE 13.26. A simplified representation of the pattern of near-bankfull water flow for curved channels of similar geometry adjacent to a braid bar (sections A–C), and the downstream confluence (section D) and diffuence (section E) regions. Flow patterns associated with unit bars and smaller bed forms are not included for simplicity. Arrows on the map represent vectors of depth-averaged, downstream flow velocity. The cross sections show the channel geometry and flow-velocity vectors (near the surface and bed) for the cross-stream flow. Cross-stream flow velocities are typically an order of magnitude less than downstream flow velocities. These flow patterns and the channel geometry change with the flow stage. From Bridge (2006).