



**Hillsboro Inlet** separating Lauderdale-by-the-Sea to the south (photo bottom) from Hillsboro Beach (photo top) to the north. This high-angle oblique aerial photograph shows the Hillsboro Inlet during ebb tide and looking generally from the south to the north. A portion of the Intracoastal Waterway, which runs from the Florida Keys to New England along the US Atlantic coast, is shown in the photo upper left corner at the bascule bridge. The northern jetty is built on a natural rock bar and contains a weir that allows littoral sand transport to be diverted by wave action into a sediment trap on the landward side of the jetty. A floating dredge pumps sand via a submerged pipeline to the beach on the south side of the inlet (note the outfall pipe just south of the jetty). The Hillsboro Inlet Improvement and Maintenance District, which annually bypasses 100% of the estimated north-to-south net littoral sediment drift, was one of the first inlets in the state to meet Florida's so-called "100% Bypass Rule." (Photo: Charles W. Finkl, 1992.)