

Wilmington River Walk

Wilmington, Delaware



Biohabitats helped develop an ecologically sound, practical and cost-effective approach to stabilizing the Christina River bank of the Wilmington River Walk. This project included Biohabitats' review of maps, aerial photographs and other relevant documents in order to assess the degree of river

Tidal riverine habitat is now blended with shipyard shops, historic sites, restaurants and gathering areas along this popular 1.3-mile pedestrian trail.

bank erosion throughout the study reach.

A key member of the LDR International team, Biohabitats conducted a field reconnaissance of the project site and adjacent upstream and downstream sites to characterize the river bank, assess erosion areas, identify native plant species and corresponding ecological/hydrological zones, fluvial geomorphological characteristics and adjacent riparian areas.

Biohabitats then performed an analysis of the information gathered from the document review and field reconnaissance, prepared conceptual

design drawings illustrating river edge treatment (which included building rock walls to retain sand for establishment of tidal wetlands and live branch layering). Biohabitats subsequently prepared a design package including construction drawings, special provision specifications and a cost estimate, attended meetings to coordinate and discuss work efforts, attended site walk-throughs, and met with regulatory agencies.

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