



Spectacle Island Remediation / Reclamation

BOSTON, MASSACHUSETTS

Spectacle Island has a varied history, and today is a public park, forming part of the Boston Harbor Islands National Recreation Area. When the Central Artery/Tunnel (CA/T) Project began in Boston in 1992, some of the project's excavated dirt and clay was used to resurface the island. The island was covered and built up by dirt, capped with two feet of clay, and covered with two-to-five feet of topsoil. Thousands of trees were planted, and paths, buildings, and a dock were built.

PROJECT HIGHLIGHTS

- Cashman successfully barged, received, and placed 4,000,000 cubic yards of excavated and dredged spoils from the CA/T project.
- The JV team installed 1,900 linear feet of sheeting (quay wall) along the east side.
- Drove 240 precast piles for 10,000 square feet of concrete pier and seawall on the west side.
- Constructed a containment dike within the cofferdam across the east side of the island.
- Installed 600,000 tons of stone rip-rap.
- Constructed a bentonite cut-off wall along the west beach.
- Installed an impervious "final" cover over the island to enclose waste fill and underlying municipal refuse.

Location:	Boston Harbor, MA
Contractor:	JV: Cashman, Kiewit, Perini, Atkinson
Contract Dates:	Jan. 1996 - Jan. 2004
Dollar Value:	\$160 Million
Awarding Authority / Owner:	MassDOT
Project Engineers/Managers:	Bechtel, Parsons, Brinckerhoff

The major marine/material placement contract associated with Boston's Central Artery/Tunnel Project was cited by ENR as being among the "Best Projects of 1999." Work included barging, receiving and placing material from Boston's Big Dig to transform this former island "dump" into an environmentally safe recreational space in Boston Harbor.

