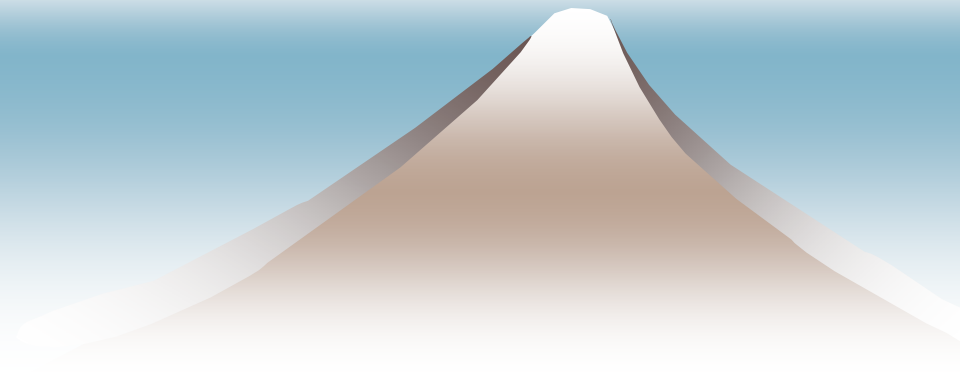


Construction Outlook in Japan

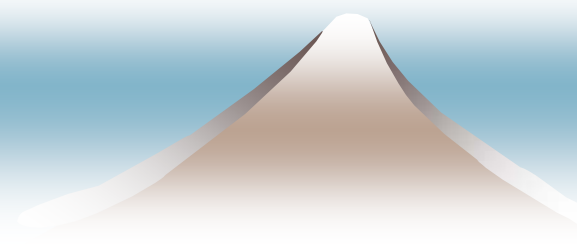
Masaru Hoshiya

Japanese Association of Micro-Piles(JAMP)

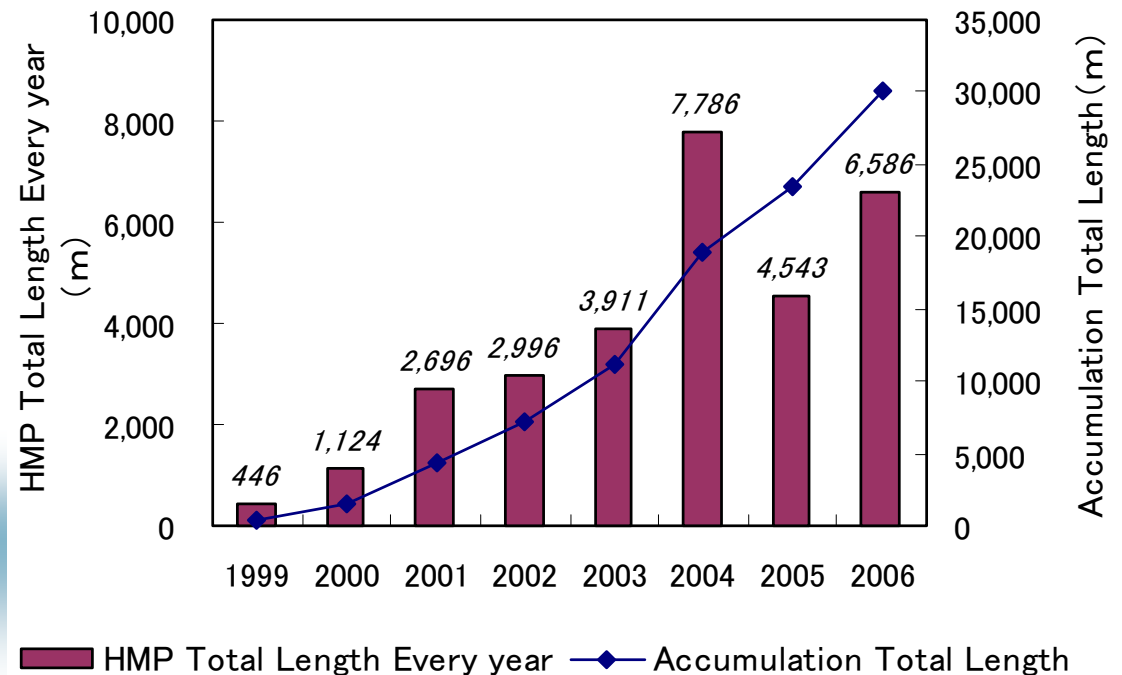
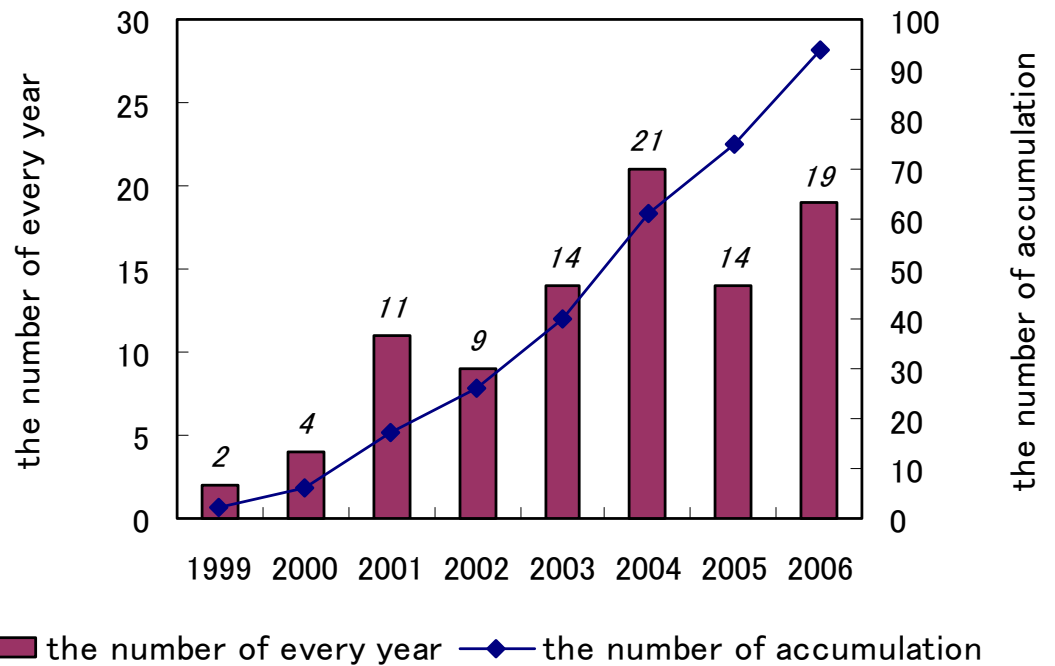


Development and Promotion of High Capacity Micro-Piles(HMP)

- ◆ 1997.4 Institution of JAMP Pilot Test of Micro- Piles
(Public Work Research Institute, PWRI)
- ◆ 1998 Series of Studies on Construction Method
entrusted to Advanced Construction Technology Center(ACTC)
- ◆ 1999 Design and Construction Manual edited
HMP is applied for seismic retrofitting of Sashimi Bridge foundation.
- ◆ 2001 Design and Construction Manual for Rail Road Facilities edited
- ◆ 2003 Design and Construction Manual for Nonexistent Structures edited
- ◆ 2005 National Land Development Award received
- ◆ 2007.6 10th Anniversary of JAMP celebrated
A commemorative Manual edited entitled Decade of High Capacity
Micro Pile



Experience of HMP construction in JAPAN



Construction Example(1)

Foundation of pedestrian bridge



before



construction



after

Construction Example(2)

Seismic Retrofitting of Existing
Piles.

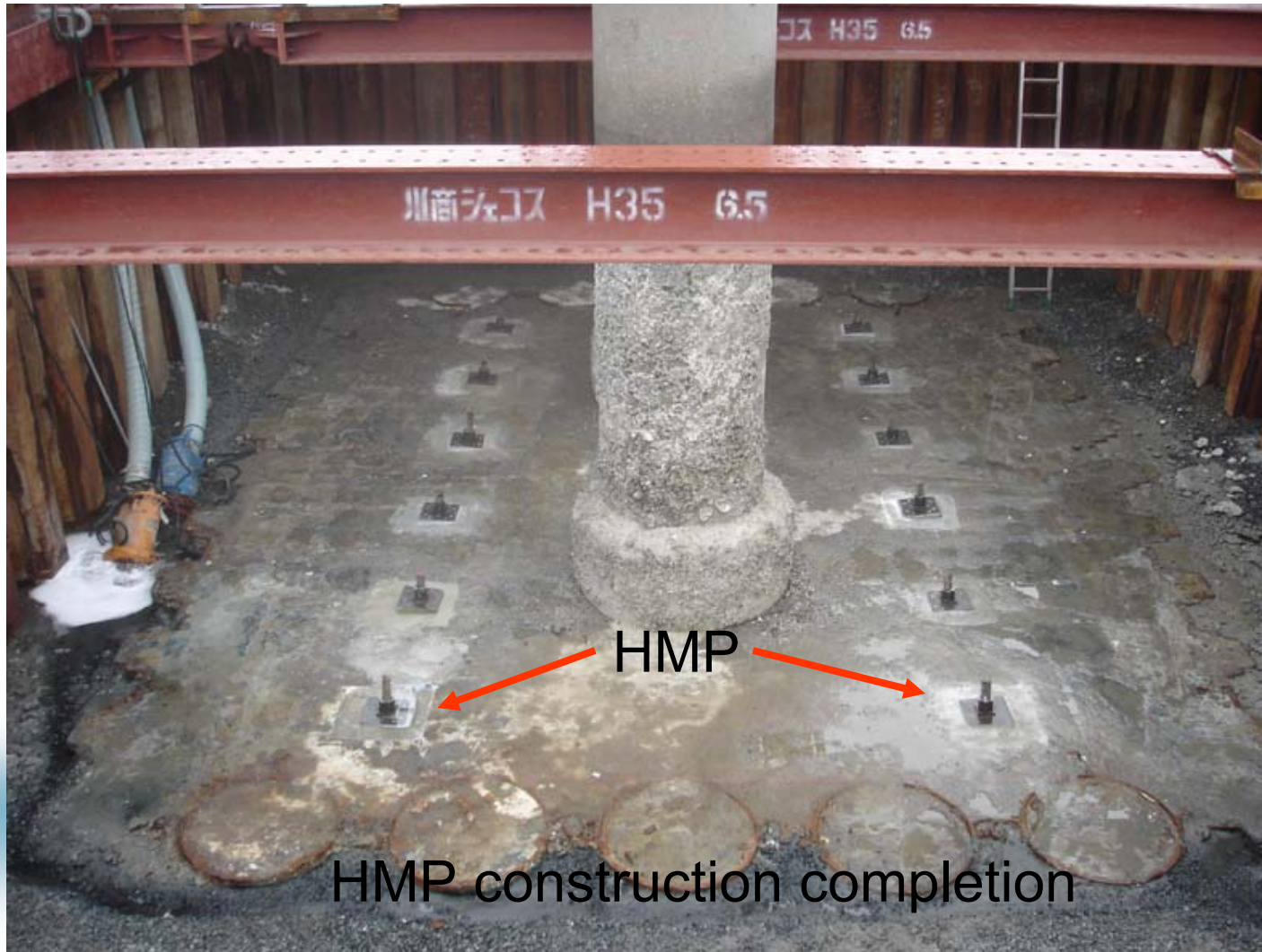
Seismic Retrofitting of Bridge
in water service tube



Construction Example(2)

Seismic Retrofitting of Existing Piles.

Seismic Retrofitting of Bridge in water service tube



Construction Example(3)

Retrofitting of Foundation

