Project: **Surveying of water bed profiles at “Friederikenwall”, Dessau**

Client: LHW LSA
Landesbetrieb für Hochwasserschutz und Wasserwirtschaft
Sachsen-Anhalt
Willi-Brundert-Straße 14
06132 Halle (Saale)
Germany

Date: 2006

Total length: 150 km

Project description:

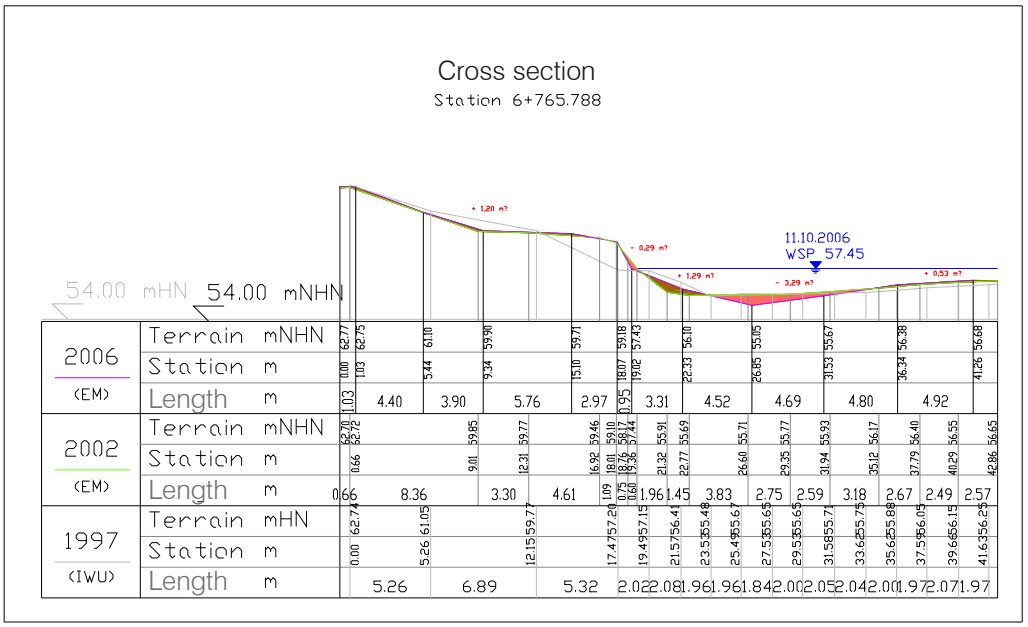
After devastating flood in 2002 many dykes were destroyed or damaged. For the development of a high water management plan with new dyke constructions it was necessary to get basic information. In that context measurements of cross sectional profiles from the bed of the rivers and dyke profiles had to be done.
The surveying works were carried out over 150 km along river “Mulde” with measurements in the state coordinate system by using electronic tachymeter using GPS.

Dates of river “Mulde”

Width: about 40 - 60 m

Depth: about 1 - 3 m

Flow rate: about 20 - 1600 m^3

Services:

HOAI § 6 contract based on hourly rates