



# **SAFETY GALLERY MILCHBUCKTUNNEL**

## **ZÜRICH (CH)**

### **EMPLOYER**

Federal Roads Office FEDRO, CH-8404 Winterthur

### **DESIGNER**

Pöyry Infra AG, CH-8005 Zürich

### **TIME OF COMPLETION**

05.2011 – 06.2013

### **CONTRACT SUM**

CHF 25 Mio.

### **EXECUTION OF THE WORK**

ARGE Sisto Milchbuck

### **CONSORTIUM PARTNERS**

Marti Tunnel AG, CH-3302 Moosseedorf  
Marti AG, Bauunternehmung, CH-8050 Zurich

### **LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD**

Marti Tunnel AG, CH-3302 Moosseedorf

# SAFETY GALLERY MILCHBUCKTUNNEL ZÜRICH (CH)

## SCOPE OF THE WORKS

Urban tunnelling works for a safety gallery of the Milchbuck highway tunnel in Zurich, 1'380 m and underground water retention basin.

## ACTIVITIES

- Excavation in unconsolidated rock with jetting and pipe umbrella construction system (380 m)
- TBM excavation  $\varnothing = 4.15 \text{ m}$  (1'000 m)
- Waterproofing, shotcrete concrete lining
- Water retention basin

## GEOLOGY

Soft ground excavation:

Mainly moraine and locally upper freshwater molasses

TBM excavation:

Horizontal layer of upper freshwater molasses composed of sandstone, silt and clay material



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**Marti Tunnel AG**

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