



Projects:

## Permanent Way

**System-  
studies for  
Permanent Way  
as ‘Slab Track’ and  
‘Floating Slab Track’**

e. g. Underground  
Railways

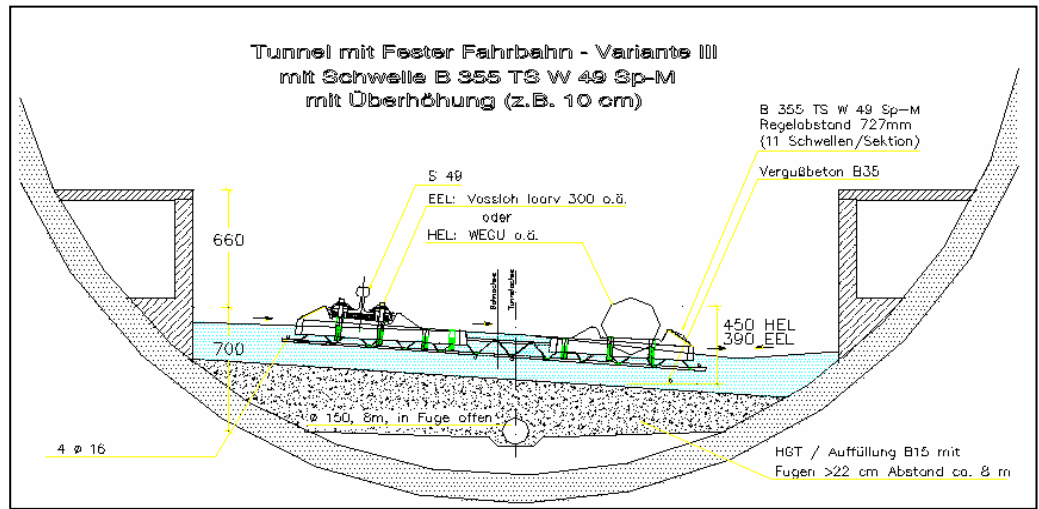
Singapore Metro  
(MRTS) 1986  
Site Supervision  
Bangkok Metro  
(MRTA) 1997



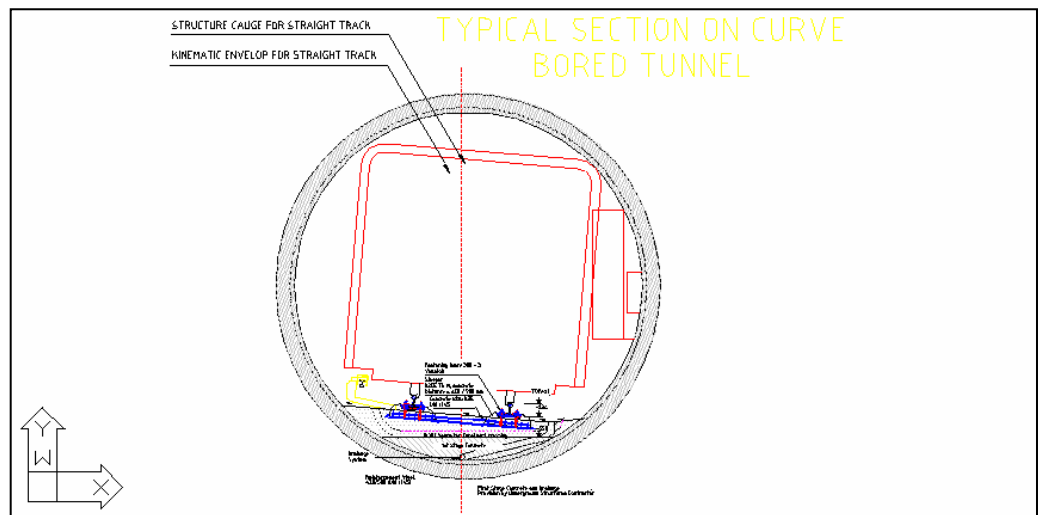
Joint ventures of construction companies entrusted 'Radermacher GmbH' to develop system design for slab track.

Following the different tenders we developed representative design and cross section with description. Some samples are shown below.

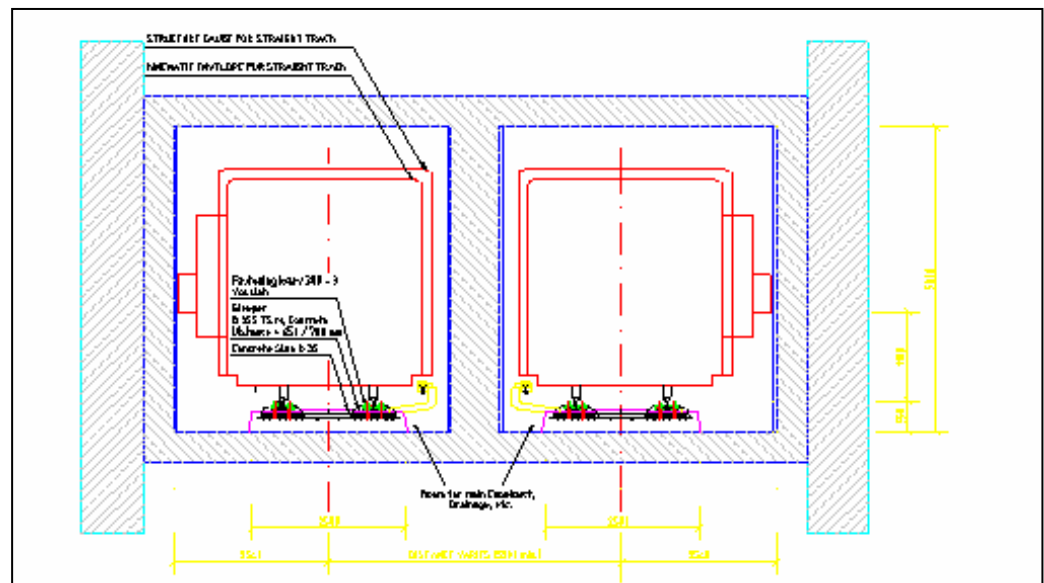
**Typical cross section system design of a slab track system in a bored tunnel**



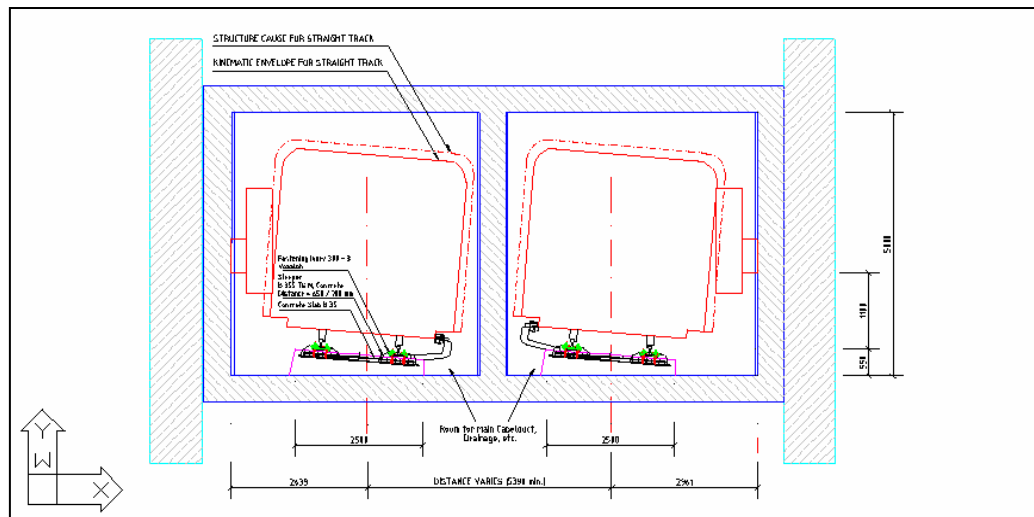
**System design for a slab track system for the project of Bangkok Metro. Typical cross section for a single track, bored tunnel section**



**System design for a slab track system for the project of Bangkok Metro. Typical cross section for a cut and cover section, double track**



**System design for a slab track system for the project of Bangkok Metro. Typical cross section for a cut and cover section with elevated tracks**



The slab track of MRTS in Singapore was installed in 1986.

The photo shows installation of turnout with a floating slab track.

**Installation of a turnout as 'floating slab track'**



Mr. Radermacher was engaged in developing design and site supervision during construction.

'Radermacher GmbH' is also engaged in developing new design for relevant companies in question.