


TREASURED PARTNERS

 **Signalbau Huber ITS** With highway traffic management systems and tunnel control systems for the multitude of touristic focal points of China Signalbau Huber ITS heralds the crucial phase to the Olympic Summer Games of 2008 in Peking. Until then the People's Republic will also have updated the transport and road infrastructure of their vast empire by means of a gigantic modernization program. For Signalbau Huber ITS the expertise of nearly fifteen years of market presence now turn out to be an effective plus: The company has become one of the most treasured partners for the Chinese modernization campaign within the mobility sector.



Nanpu and Yangpu Bridges in Shanghai

The extension of the highway traffic management system for the **BTT expressway** comprises 5 modified route stations (data logging at 30 measuring points) as well as 4 complete weather stations with road condition and fog sensors with GSM data transmission and solar operation. The user software has been developed for the centers in Beijing and the adjacent province Hebei. The original system had been put into operation in 1993 on the same expressway: Award and top position within the ranking of the 10 best projects for engineering services in the People's Republic of China. Completion of the extension: Summer 2003.

Great Wall: Supply of two 25 sqm full-color matrix LED variable message signs for the Badaling expressway that had been equipped with tunnel systems by Signalbau Huber ITS in 1998. The site is located directly next to the Great Wall near Beijing. The LED variable message signs are an innovation of Signalbau Huber ITS in Shanghai (see page 11). From June 2003 ten thousands of visitors will be informed daily by the variable message signs.

Liaoning province: Highway traffic management systems (Weiss-Electronic) for three expressway projects: 90 route stations for data logging at 632 measuring points, 15 complete weather stations with 76 road condition sensors. 11 tunnel systems (Weiss-Electronic): 43 controller with tunnel sensor technology and software. Completed 2003.

Anhui province: Supply of a highway traffic management system (Weiss-Electronic): 7 modified route stations including SPS for data logging at 42 measuring points, a complete weather station with road condition sensor and 2 additional fog sensors. Completion by midyear of 2003.

Shanghai - Implementation of highway traffic management systems by SBH at the Yangpu and Nanpu bridges in January 03. Special feature: Functional group for weather data integrated from the BAS 90 system. The highway traffic management systems determine an exact analysis of the traffic volume that amounts to approx. 100,000 vehicles per day and per bridge.

The 7 tunnels of the Xiaotang-Gantang highway in the **Guangdong province** have been consigned in March 2003. Signalbau Huber delivered the ventilation system and Signalbau Huber ITS had been responsible for the project management and the local equipment.

The Hai Cang tunnel with a length of 1.2 km and 2 pipes in **Xiamen**, Fujian province, with prolongation of the Hai Cang bridge, one of the world's biggest suspension bridges, had been put into operation at the end of 2002. Signalbau Huber supplied the tunnel controllers and software, Signalbau Huber ITS planned, installed and commissioned the system.

