MAWS weather station recording

Climatological Conditions on the My Thuan Bridge

The My Thuan Bridge over the Mekong River in southern Vietnam is one of the country’s highest priority national infrastructure projects. The Bridge has a cable stayed design, so wind and rain directly affect the vibration capacity of the stay cables. Vaisala’s weather stations have been used to record climatic conditions and thus to enable the performance of the stay cables to be assessed.

A Vaisala MAWS weather station has been installed on the northern tower of the My Thuan Bridge, approximately 130 m above the river level. A second MAWS has been installed on a light pole on the main deck, approximately 54 m above the river level. Wind speed and direction is displayed on a Vaisala WD20 wind display. All other weather data, including wind, is logged.

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The first bridge across the Mekong

Up to 300 Australians and over 1500 Vietnamese have been employed during the life of the project.

The bridge site is technically very difficult and construction has required a high degree of engineering excellence, which Australia is well equipped to provide. Along with its development benefits, the project has involved a high level of technology transfer to, and training for, a large number of Vietnamese engineers and managers.

The My Thuan Bridge, over the Mekong River in southern Vietnam, is one of Vietnam’s highest priority national infrastructure projects. It will be the first bridge across the Mekong in Vietnam and will provide a significant contribution to economic development in the Mekong delta as a whole. The cost of building the bridge is being shared between Australia and Vietnam. Australia’s share of the construction costs will amount to some AUD$59 million.

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