

Measures taken to deal with the Impact of the High Speed Rail

During the initial planning stages of Tainan Science Park, the possible impact of the High Speed Rail was taken into account. Industries that are sensitive to the interference from vibrations have been kept away from the rail tracks.

National Science Council hired specialized companies to establish various vibration-reduction devices to keep the vibration within the tolerance level.

Under the condition that park enterprises' land use must not be interfered with, the STSP Administration has constructed 14 environmental micro-vibration monitoring stations within Tainan Science Park to monitor current vibrations.

Strengthened Drainage & Flood Prevention Measures

The Executive Yuan approved the follow-up peripheral drainage improvement plans for Tainan Science Park, including pump/drainage projects for the embankment of Shenei, Dajhou and Fonghua Villages; and flood detention ponds for Dashe and Zuojia. The total budget was about 45 million USD. The STSP Administration was responsible for 4.1 million USD; the rest being covered by the central government. Tainan County Government was responsible for the implementation of the measures. The four-year project began in 2001. In 2001 and 2002 Tainan County Government completed improvement and elevation of some of the ditches of Dashe, Sanshe, Zuojia and Kanshi. The entire project is expected to be completed by the end of 2004.



Figure 2-9 Flood-prevention Water Pumping Station

In June 2001 a drainage path water-level station, rainfall station and flood alert system were completed. The gate of Dajhou drainage path is opened and closed by remote control through the transmission of information from the water-level and the rain stations. Flood alert mode analysis is available to issue flood alerts so park enterprises may take any necessary emergency measures.

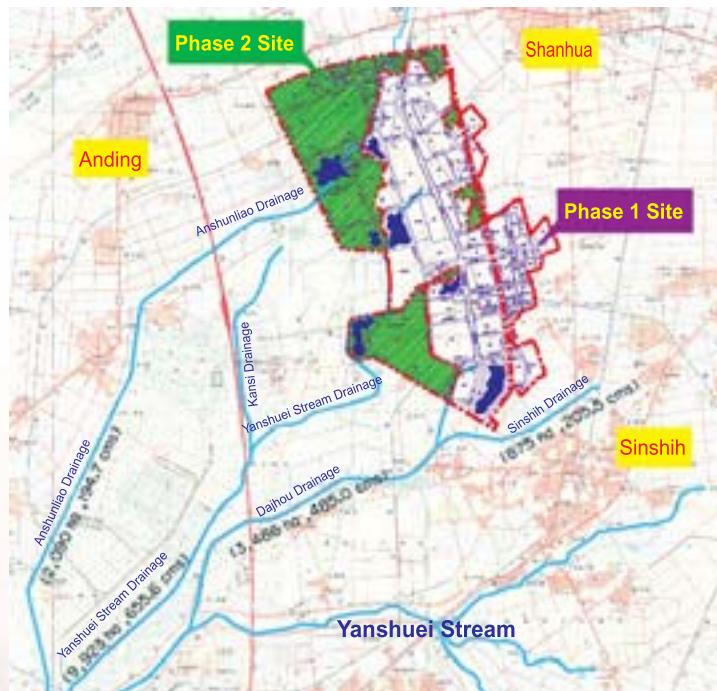


Figure 2-10 Drainage Passage of Tainan Science Park