



Tainan Science Park Northwest Region, Sub-Region II Site, Nanke 9th Rd. variable-depth box girder bridge complete

Comprehensive Infrastructure

Development Completed at the TSP Phase-II, Northwest Region, Sub-Region II Site

Development of the 23-hectare TSP Phase-II, Northwest Region, Sub-region II site was completed on June 4, 2007. Road works included the construction of a 40-by-780m road, a 30-by-270m road, and a 16-by-771m road for a complete transportation grid. The Phase-II Site is now connected to the Phase-I Site in the east, to neighboring special zones to the north and west, as well as to the National Highway No. 1 Anding Interchange and Tree Valley Park (developed by the Tainan County Government). Two types of bike paths, designed for convenient transportation and sports & leisure, have been planned for this Site. Sports & leisure bike paths will connect parks, greens, and scenic spots, while convenient commute paths facilitating convenient transportation and traffic safety will take the form of bike lanes set parallel to all park roads 30m or more in width.



Bike Lane



Taoye Lake

Yingsi Lake





KSP Phase-II Region-I road system complete

Development Completed at the KSP Phase-II, Region-I Industrial Zone

Development of the 134-hectare KSP Phase-II, Region-I Industrial Zone, located in the eastern sector of the KSP, was completed on November 11, 2007. Roads were built connecting the site to Sanye Village to the east, Beiling Village to the south, and the KSP western sector road network to the west. Road work involving the Provincial Highway No. 1 intersection in front of Li-Da Foodstuffs Co. was also completed, alleviating a long-time local traffic conundrum for pedestrian safety.

Continued Establishment of Broadband Pipelines

Telecom pipelines for the TSP Phase-II Site were completed as of 2007. In compliance with the Ministry of the Interior Mobile Taiwan Project (M-Taiwan), broadband pipelines were designated for the TSP Phase-I Site to facilitate industry fiberoptic line needs. Broadband pipeline construction for the TSP Phase-I Site will take place in three phases—Phase I (2006) construction completed the laying of pipelines in the areas incorporating Nanke S. Rd., Nanke N. Rd., and Silaya Blvd.; Phase II (2008) will cover the area north of Silaya Blvd.; and Phase III (2008) will cover the area south of Silaya Blvd. As of 2007, 13.917km of the 55km of pipelines planned have been completed. Completion of all Phase-I Site pipelines will greatly enhance the TSP telecom infrastructure for a more comprehensive telecom environment.

Taipower's Shin-Chiaming ~ Nanke 1st & 2nd Lines Join System Rotation

The Nanke Extra-High Voltage (EHV) Substation, located at the TSP, utilizes the latest XLPE 345kV EHV underground cable for its six lines, including the Chiaming ~ Nanke 1st & 2nd lines, the Nanke ~ Longci 1st and 2nd lines, and the newly incorporated Shin-Chiaming ~ Nanke 1st & 2nd lines (August 2007). The STSP currently utilizes a 2 in/2 out switching power supply. To effectively monitor cable rotation, each electric cable is fitted with an optical fiber temperature sensor; terminal boxes and cables are also fitted with a leakage warning system, terminal temperature sensors and differential relay protection systems to provide instantaneous status reports in an effort to achieve the zero-incidents goal.