

> The Second Elevated Tank

#### **Road Systems**

The planned roads, auxiliary piping, eastern access road, northern access road, and southern access road of the Phase I Site have been completed and are in use to offer more convenient transportation. The planned roads and auxiliary piping of the Phase II Site are under construction and expected to complete in 2006.

#### Drainage and Flood Prevention Works

Taoye Lake, Siake Lake, and Yingsi Lake (detention pond A, B, and D) on the Phase I Site have all been completed. The construction of detention pond C has begun and the pond will help control the flood. The flood control pumping station and flood monitoring system of detention pond D have been completed to ensure the automation and precision of flood prevention. The construction of detention pond F on the Phase II Site has began while detention

# Infrastructures of International Standard

### **Construction Plan**

To provide comprehensive infrastructures and amenities, the Administration continues land development and construction work of public buildings. In 2004, 24 construction projects of the Phase I Site of the Tainan Science Park were contracted out with the total contract amount reaching US\$80.2 million. 11 projects reached the audit threshold (US\$1.6 million). 4 construction projects of the Phase II Site were contracted out with the total contract amount of US\$47.3 million. 2 projects reached the audit threshold (US\$1.6 million).

#### Implementation of Construction

The public construction of the Phase I Site of the Tainan Science Park began in 1996. 31 construction works were carried out in 2004, including 11 development construction works (including roads and piping), 1 drainage and flood prevention works, 6 landscape construction works, and 13 building works. The construction spending amounted to US\$82.4 million. The public construction of the Phase II Site began in 2003. 7 construction works were carried out in 2004, including 4 development construction works (including roads and piping), 2 drainage and flood prevention works, and 1 landscape construction. The construction spending was US\$34.8 million. As the Administration was pushing ahead all the construction works, the budget execution rate reached to 100% in 2004.



> Southern Access Road

pond E is under construction.





> Tacye Lake

SCIENCE PARK 30



## Landscape Construction Works

The completed landscape construction works include east-west and south-north green corridors, the green belts of Dajhou drainage, Taoye Lake, Siake Lake, Yingsi Lake (detention pond A, B, and D), green belts on the borders, Siraya Plaza, and Park No. 3. These areas provide a leisure space for the STSP employees and local residents. In addition, 16-meter roads, 29-meter roads, sidewalks, and bikeways are under planning and expected to complete in March 2005.

> Administration Building (Completed in January 2005)

## Building Works

The standard factories (Chuang Sin I. Chuang Sin II, and Chuang Sin III) of Phase I, II, III, and IV have been completed. There are 143 units available for enterprises to rent. The Phase I and II family dormitories (Hsing Yuan Dormitory), single dormitory (Hua Yuan Dormitory), and villa-style VIP dormitory (Pu Yuan Dormitory) have been completed. In total, 164 households, 875 households, and 25 households are available respectively in Hsing Yuan Dormitory, Hua Yuan Dormitory, and Pu Yuan Dormitory for lease. In 2004, 50 households of the Phase II VIP dormitory are completed and available for the STSP employees. Furthermore, one parking tower was constructed in standard factory zone to offer 550 parking spaces. The Administration Building, Service Center, and Police Building are also completed. The Administration and STSP Police Brigade started operating in the above buildings since January 2005. The Phase V standard factory and Phase III staff dormitory are both under construction



> Parking Tower



# Measures Taken to Deal with the Impacts of the High Speed Rall Vibration

The National Science Council selected a contractor for the vibration reduction program in August 2003. The program was approved by the Executive Yuan on March 24, 2004 to be designed and implemented by the same contractor selected from limited tendering. The Administration finished the negotiation with the contractor on October 5, 2004. Both parties signed the contract on November 29, 2004. The construction of the program is expected to finish two months before the official operation of the High Speed Rail (in October 2005). In addition, the area within 200 meters of the High Speed Rail is reserved for Park enterprises not sensitive to vibration and the Biotech Core Area. The results have been satisfactory.

> High Speed Rall Vibration Reduction Program

