

# **1 INTRODUCTION**

## **1.1 Study Background**

Chengdu City is the center of the South-Western Region of China having a population of about 10 million. The city is not only the center of commerce, business, finance, administration, science and technology but also of culture and history. The central government is presently shifting the development target from the coastal region to the inland region.

The city government of Chengdu has decided to strengthen its public transport system. The public transport system of Chengdu comprises of bus (including minibus) and taxi. Bus, however, is not fully utilized due to a number of reasons including competition with bicycle and low levels of service. Traffic congestion has been aggravated particularly in the city center due to rapidly increasing vehicles. Enhancement of public transport service coupled with traffic management measures is required in addition to the development of road infrastructure.

Although the city government of Chengdu implements and plans the varied countermeasures to improve public transport service as well as urban traffic situation, the problems are yet to properly addressed. Under these circumstances, the Government of China requested the Japanese government to conduct a public transport study for Chengdu based on the transport surveys. In response to this request, the Japanese government dispatched a preparatory study team to Chengdu in December 1999, the output of which is the Scope of Work for this technical study which has been signed by both governments.

## **1.2 Objectives of the Study**

The objectives of the Study were:

- (1) To formulate a public transport system development plan, with emphasis on bus service, in order to promote the patronage of public transport (Target Year is 2010);
- (2) To conduct feasibility studies on the high-priority project(s) selected by the said plan;  
and
- (3) To transfer technology in relation to data processing, demand forecast and planning to the counterpart staff of Chengdu during the course of the Study.

### **1.3 Study Framework**

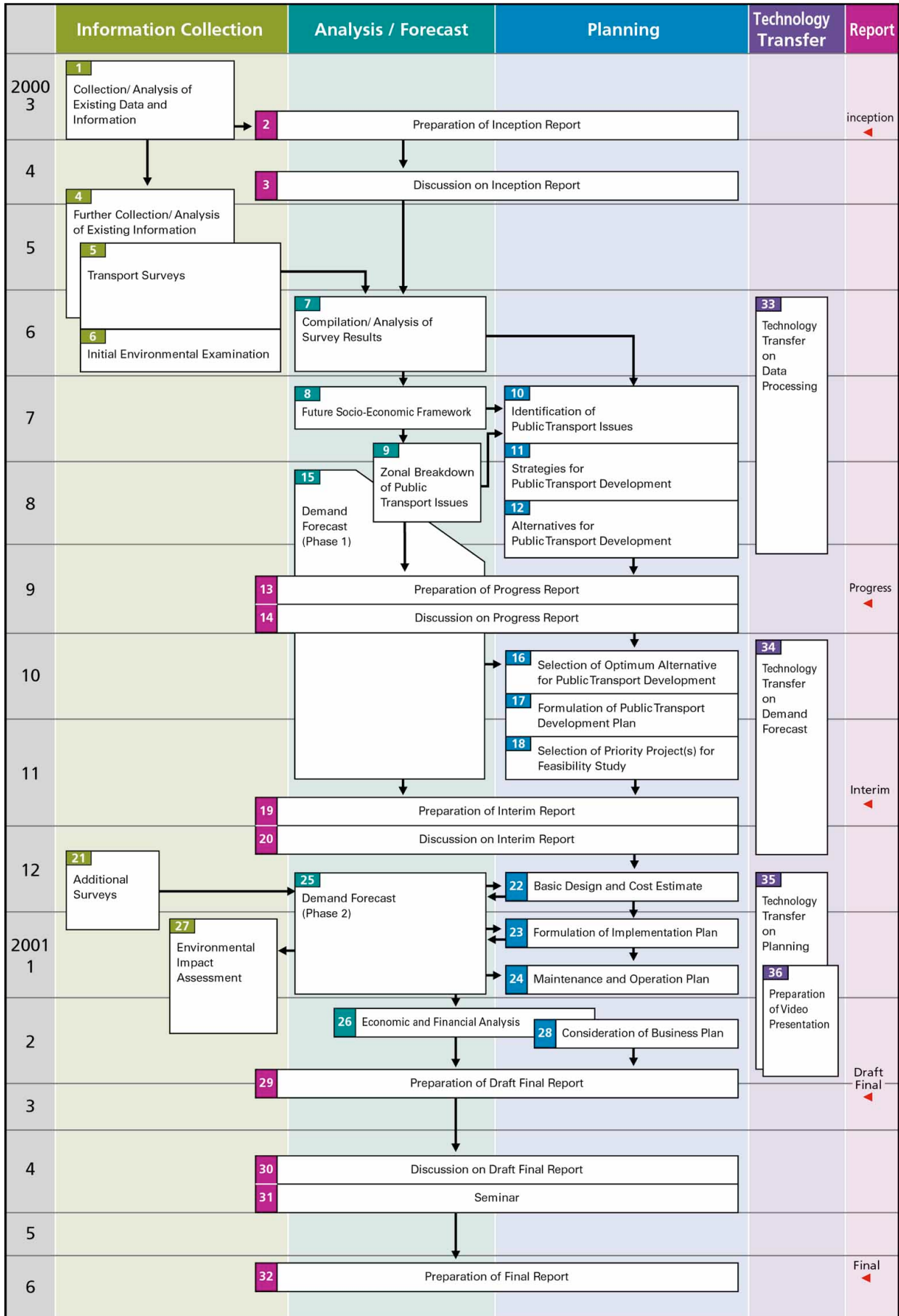
Figure 1.3.1 presents the framework of the Study. The Study started in March 2000 and will be completed in June 2001 with the submission of the Final Report.

In the earlier stage of the Study, the focus was placed on the identification of important issues and the formulation of the Master Plan in relation to the public transport system of Chengdu, and feasibility studies were conducted for two selected key projects: 1) the East-west Primary Busway Project and 2) Bus Privatization Project.

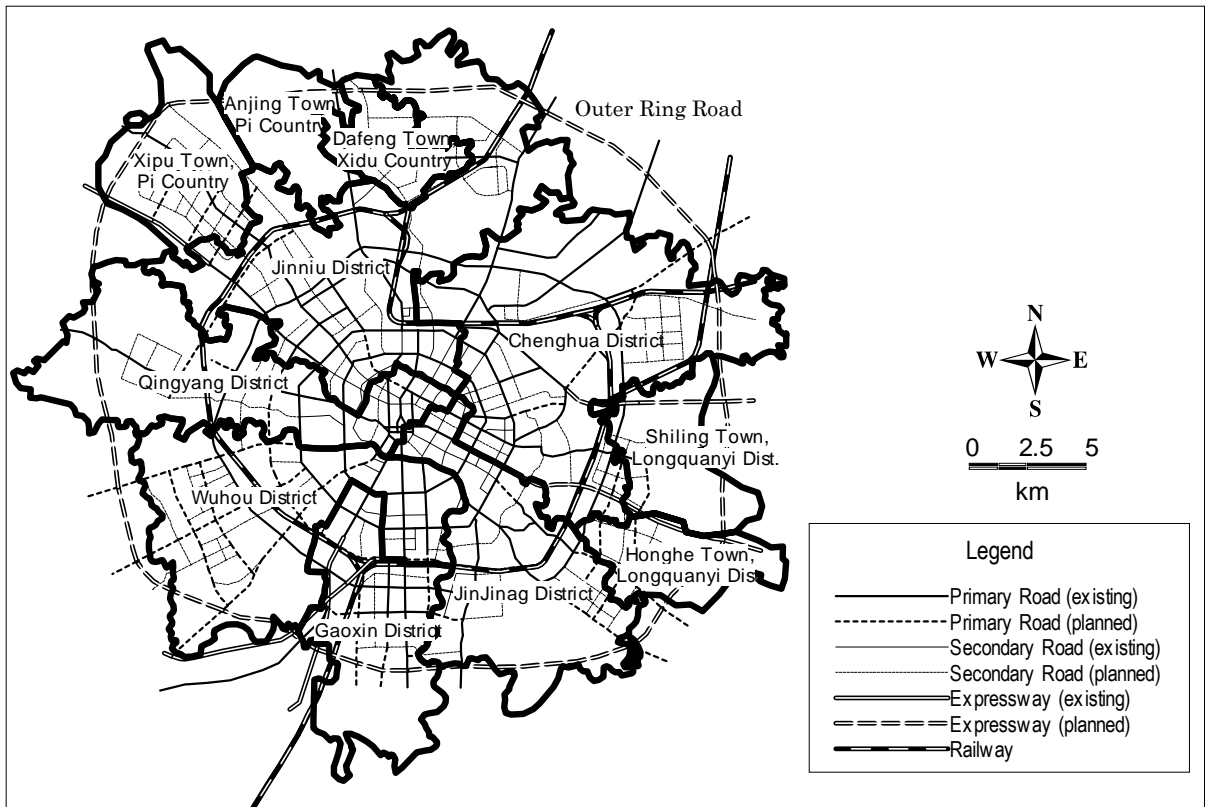
### **1.4 Study Area**

The Study area covers the central six Districts and neighboring five towns located inside the Outer Ring Road as shown in Figure 1.4.1.

**Figure 1.3.1 Study Framework**



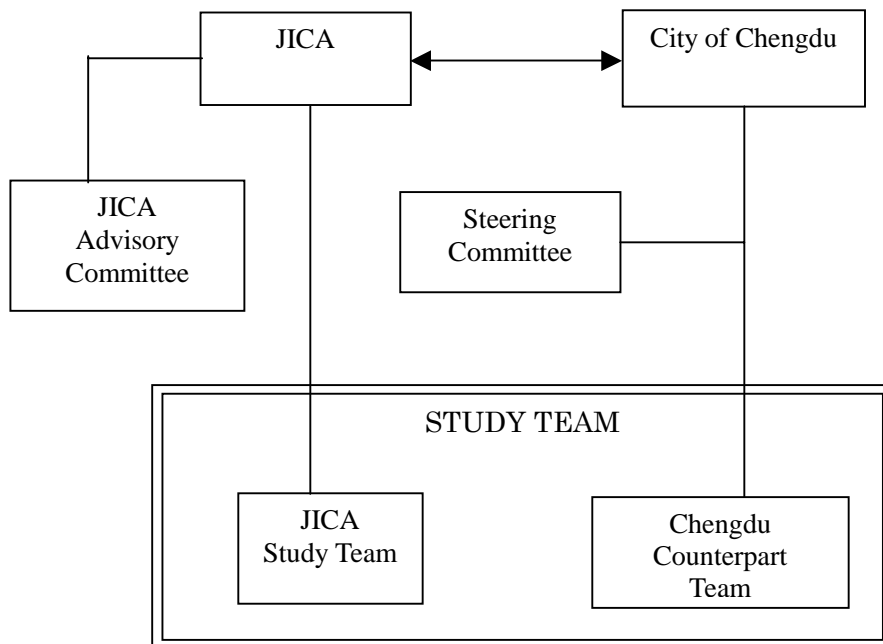
**Figure 1.4.1 Study Area**



**1.5 Study Organization**

The study organization is composed of the JICA Advisory Committee and the JICA Study Team on the Japanese side and the Steering Committee and the Counterpart Team on the Chengdu side as shown in Figure 1.5.1.

**Figure 1.5.1 Study Organization**



## Members List (1)

### Steering Committee

- 1) Mr. Di Ting Guo : Chairman, Vice Mayor of Chengdu City
- 2) Mr. Liu Yu Cheng : Vice Chairman, Head of Chengdu City Construction Committee
- 3) Mr. Yang Guo An : Vice Chairman, Head of Sichuan Provincial Science and Technology Department
- 4) Mr. Hoang Hou An : Vice Chairman, Vice Manager of Secretariat of Chengdu City
- 5) Mr. Zhang Jing Wen : Head of Science and Technology Committee of Chengdu City
- 6) Mr. Hu Jun Chu : Vice Manager of Planning Bureau of Chengdu City
- 7) Mr. Chen Zai Ming : Chief Engineer of Chengdu City Construction Committee
- 8) Dr. Gao Shi Lian : Professor of Southwest Jiaotong University
- 9) Ms. Liang Jin : Manager of International Cooperation Division of Sichuan Provincial Science and Technology Department
- 10) Mr. Sun Zhi Min : Vice Manager of Public Utilities Bureau of Sichuan Province
- 11) Mr. Ge Bo : Vice Manager of Traffic Management Division of Public Securities Bureau of Chengdu City
- 12) Mr. He Jina Sheng : Vice Manager of Public Securities Bureau of Chengdu City
- 13) Mr. Huang Ping : Vice Manager of Transport Bureau of Chengdu City
- 14) Ms. Wang Rong Yan : Vice Manager of Environmental Protection Bureau of Chengdu City
- 15) Ms. Gong Yu Qiong : Assistant Supervisor of Chengdu City Construction Committee
- 16) Mr. Li De Sheng : Vice Manager of Information Securities Bureau of Chengdu City

### JICA Advisory Committee

- 1) Dr. Saburo NAKAGAWA : Chairman
- 2) Mr. Hitoshi NISHINO : Urban Transport Planning
- 3) Mr. Tsutomu KUROIWA : Public Transport Planning

### JICA

- 1) Mr. Takao KAIBARA : Director, First Social Development Study Division
- 2) Mr. Toshio HIRAI : Director, First Social Development Study Division
- 3) Ms. Eri HONDA : Deputy Director, First Social Development Study Div.
- 4) Mr. Satoshi UMENAGA : Deputy Director, First Social Development Study Div.
- 5) Mr. Takahiro KASAI : Coordinator
- 6) Mr. Kenichi KONYA : Coordinator

### (China Office)

- 7) Mr. Yukihiro SAKURADA : Resident Representative
- 8) Mr. Kenji MAEKAWA : Assistant Resident Representative

## Members List (2)

### **JICA Study Team**

- 1) Mr. Takashi SHOYAMA : Team Leader, Transport Planning
- 2) Mr. Iwane MIZUNO : City Planning, Land Use Planning
- 3) Mr. Tetsuo WAKUI : Public Transport Planning, Bus Planning (1)
- 4) Dr. Tetsuji MASUJIMA : Public Transport Planning, Bus Planning (2)
- 5) Mr. Koichi TSUZUKI : Road Planning/Design
- 6) Mr. Yoshinori ABE : Natural Condition, Structure Planning/Design
- 7) Mr. Masayasu HAYASHI : Transport Survey and Analysis
- 8) Mr. Xiao-hua YE : Social Aspects, Transport Survey
- 9) Mr. Masayuki ISHIYA : Transport Demand Forecast
- 10) Mr. Hajime TANAKA : Public Transport Implementation Planning
- 11) Mr. Michimasa TAKAGI : Traffic Management
- 12) Mr. Katsusuke YAMAGUCHI : Environmental Planning, Landscaping
- 13) Mr. Yasushi HIGA : Construction Planning, Cost Estimate
- 14) Dr. Shizuo IWATA : Transport Policy
- 15) Mr. Ken KUMAZAWA : Economic/Financial Analysis
- 16) Mr. Takeshi KAGAJI : Coordination

### **Counterpart Team**

- 1) Mr. Chen Zai Ming : Leader, Chief Engineer of Chengdu City Construction Committee
- 2) Mr. Li Ziang Sheng : Deputy Leader, President of Chengdu Public Transportation Committee
- 3) Mr. Du Wei Guang : Deputy Leader, Chief Engineer of Planning Bureau of Chengdu City
- 4) Mr. Han Wu Jian : Manager of Science and Technology Committee of Chengdu City
- 5) Mr. Wang Shou Zhi : Vice Manager and Senior Engineer of Passenger Transport Management Division of Public Utilities Bureau of Chengdu City
- 6) Mr. Li Shu Guang : Vice Manager of Transport Division of Transport Bureau of Chengdu City
- 7) Mr. Wang Gong : Researcher of Enforcement Section of Traffic Management Division of Public Securities Bureau of Chengdu City
- 8) Ms. Liu Hui : Vice Manager of Information Securities Bureau of Chengdu City
- 9) Mr. Wwu Zhong Wei : Assistant Researcher of Chengdu City Construction Committee
- 10) Ms. Zhou Yi : Vice Manager of Environmental Protection Bureau of Chengdu City
- 11) Mr. Zhang Qiao : Manager of Chengdu City Planning Institute