



Allen Chih-Che SU, M.S.

President/THI Shanghai Consultants Inc.

Vice President/THI & THI International Consultants Inc.

Principal Urban Transport Planner

《YEARS OF EXPERIENCE》

20

《EDUCATION》

1. Master of Science in Transportation Engineering, 1988
National Chiao-Tung University, Hsinchu, Taiwan
2. Bachelor of Science in Transportation Management, 1986
National Chiao-Tung University, Hsinchu, Taiwan

《PROFESSIONAL DATA》

1. Directorate, Parking Association, R. O. C.
2. Member, Chinese Institute of Transportation
3. Member, Taipei Society for Traffic Safety

《PROFESSIONAL EXPERIENCE》

1. 2006~Present, President & Chief Transport Planner, THI Shanghai Consultants Inc.
2. 2004~2005, Vice President, THI Shanghai Consultants Inc.
3. 2004~Present, Vice President, THI International Consultants Inc., THI Consultants Inc.
4. 2002~2004, Chief Traffic Consultant of Taipei Financial Center Corp. (TFC, Taipei 101)
5. 2000~2004, Director of Traffic Engineering Department, THI Consultants Inc.
6. 2000~2002, Chief Traffic Consultant of Core Pacific City Co., Ltd. (CPCity Living Mall)
7. 1996~2000, Manager of Transportation Planning Department, Associate, THI Consultants Inc.
8. 1995~1996, Deputy Manager of Transportation Planning Department, Associate, THI Consultants Inc.
9. 1990~1995, Traffic Engineer, China Engineering Consultants, Inc.



《REPRESENTATIVE PROJECT EXPERIENCE》

• *Urban Transit Planning*

1. Shanghai City Middle-Ring Road BRT Project Technical Assistance.
2. Jinan City BRT Line 1 Operations Planning and ITS Planning & Design.
3. Shenzhen City BRT Network Planning Technical Assistance.
4. Shenzhen City BRT Line 1 Detailed Planning Technical Assistance.
5. Huaian City BRT Corridor and Network Planning Study.
6. Taipei City Medium and Small Bus System Planning.
7. Evaluation of Low Emissions Bus Technologies and Application.
8. Taipei Intercity Bus Terminal Planning & Design.
9. Taipei City Hall Intermodal Transit Terminal Planning & Design.
10. Planning & Design Manual for BRT.
11. Shuttle Bus Planning for Major Residential Project in Taipei City Center.
12. Taipei Main Station Intermodal Transit Terminal Planning & Design.
13. General Consultancy for the Mass Rapid Transit System in Taipei Metropolitan Area.
14. General Consultancy for the Mass Rapid Transit System in Kaohsiung Metropolitan Area.
15. Mass Rapid Transit planning for the Hsinchu Metropolitan Area.
16. Detailed Planning for the Mass Rapid Transit System in Taichung Metropolitan Area.
17. Transportation planning for the long-term Mass Rapid Transit network in Kaohsiung Metropolitan Area.
18. Light Rail Transit planning and execution plan for the Hsinchu City.
19. Area-wide traffic management plan during construction period for the red and orange lines of the Mass Rapid Transit in Kaohsiung Metropolitan Area.
20. Guanzhou Light Rail Transit Feasibility Study.

• *Transportation Planning*

1. Transportation Planning for the Cities of Semarang and Denpasar in Indonesia



2. Comprehensive planning and urban design for the Chungshing New Village
3. The third Taiwan area integrated transportation systems planning study.
4. Comprehensive Transportation Planning for Hsinchu Metropolitan Area
5. Traffic development planning for the communities - A case study in Hsinyi district.
6. Strategic Planning on Sustainable Urban Transport for Cities in China
7. The Third Comprehensive Transport Planning for Taiwan Area.
8. Community Transport Development Planning for Hsinyi Planned District.
9. Traffic Emissions Reduction Planning for Taipei County.
10. Comprehensive Transport Planning for Tahu Area in Taipei City.
11. Transport Systems Planning for Kinmen and Matsu Areas of Taiwan
12. Comprehensive Transport Network Study for Taoyuan Metropolitan Area.
13. Comprehensive Land Transport Policies Study for Macau.

• ***Traffic Engineering and Operations***

1. Traffic Operations Planning for Widening of Miaoli-Sanyi Section of Chungshan Freeway.
2. Traffic Maintenance Plan for Demolishing Viaducts at North Gate of Taipei City.
3. Traffic Maintenance Strategies for Undergrounding Railroads in Kaohsiung Metropolitan Area.
4. Traffic Study in the Planning and Design Stages for the SherTze Expressway Road Network.
5. Traffic Study for Undergrounding Railroads in Taichung Metropolitan Area.
6. Traffic Demand Analysis for Wufong-Puli Section of the Central Cross Expressway.
7. Traffic Engineering and Traffic Management Study for the Expressway along North Side of the Tanshui River.
8. The Traffic Analysis and Patronage Forecast for the BOT Project of National Freeway Toucheng-Hualien Section.
9. Traffic Study for the Design of Taiwan High Speed Rail Tsoying Station.
10. Traffic Comprehensive Planning Along the Expressway Network from Wanhua to Panchiao.
11. The Comprehensive Traffic Improvement Study for



Huanho and Shuiyuan Expressway of Taipei City.

12. Planning of Ta-Han River Expressway Between Sanyin and Kanyuan Bridge II Section.
13. The feasibility study for a new bridge connecting Huanho expressways at Taipei city and Taipei county (Chungho and Yungho area).

• *Intelligent Transport Systems (ITS)*

1. Jinan City BRT Line 1 ITS Planning, Design & Program Management.
2. Shenzhen City BRT Line 1 ITS Detailed Planning Technical Assistance.
3. Planning Study on Highway Travel Time Information Management.
4. Planning Study on Detection and Collection of Traffic Conditions along Signalized Roadway.
5. Systems Planning for Taxi Dispatching and Operational Safety Management Project in Taichung City.
6. Application of Advanced Micro-Simulation Model – PARAMICS to Taiwan.
7. Application of Advanced Micro-Simulation Model – PARAMICS to Taiwan: Taipei Area Network Database Update and SPI Development.
8. Traffic Control Strategy Development and Simulation for Eastern National Highways.
9. Detailed Design for Traffic Control Systems on Southern Section of Freeway No. 1.
10. Detailed Design for Traffic Control Systems of Freeway No. 6.

《**TRAINER**》

1. Traffic Engineering and Management Training Course for Professional Transportation Staff (2001.08)
2. Training on Transportation Planning and Software Application (2001.12)
3. Training on Urban Traffic Engineering and Planning (2003.03)
4. Capacity Building Project for Traffic Engineer (2003.05)
5. Fundamental Practice Training Project for Road Traffic Engineer (2004.04)
6. Training Course on Highway Capacity Software (2004.07)

《**PUBLICATION**》



1. The Application of Network Evacuation Model for the Nuclear Power Plant Emergency Plan. (1988.6)
2. Traffic Management Plan for Neihsu Line of the Taipei MRT System. (1992.6)
3. An Integrated Traffic Management Plan for Major Construction Work On Congested Urban Arterials, ITE 63rd Annual Meeting. (1993.9)
4. Mass Rapid Transit System Planning in Taiwan Metropolitan Areas, The Second Asian Pacific Transportation Development Conference and The 10th ICTPA Annual Meeting. (1997.2)
5. The Establishment of the Mechanism and Procedures for the Traffic Impact Management, Conference on Urban Sustainability and Traffic Impacts, Shanghai, China. (2001.4)
6. In search of the Establishment of Execution Manual to Improve Hazardous Locations, Institute of Transportation. (2002.11)
7. A Study on Application of Dynamic Micro-Simulation to Develop Freeway Traffic Control Model, 2004 Cross-Straits ITS Conference, Harbin, China. (2004.8)
8. A Study on Freeway Travel Time Prediction and Influencing Factor, CITYTRANS China 2004 Conference, Shanghai. (2004.11)
9. A Study on the Application of GPS & GIS Technologies to Roadway Travel Speed Survey, 2005 Cross-Straits ITS Conference, Shanghai, China. (2005.8)
10. Discussion of Demand-Oriented BRT Operation Planning, The 6th International Conference of Transportation Professionals (ICTP 2006), Dalian, China. (2006.6)
11. A Study on the Application of VPS Technologies to Tollroad Toll Collection, 2006 Annual Meeting of ITS China, Beijing, China. (2006.12)
12. Decision Analysis by Using Micro Simulation Method on the Permission for Passenger Car on Taipei Xinyi Expressway Bus Lane, The 16th Cross-Straits Urban transport Conference, Nanjing, China. (2008.9)
13. The Study of VPS Application Risk and Strategies, Journal of Transportation Information Industry, China. (2008.10)
14. Development and Enlightenment of BRT in China Mainland, The 2008 International Conference of Chinese Institute of Transportation (2008.12)
15. The Practice Study of Traffic Management Operation During Road Construction Period, The Second Urban Transportation High-ranking Forum, Wuhan, China. (2008.12)



16. The System Frame and Control Style of Platform Screen Doors for Bus Rapid Transit, Development and Innovation of Machinery & Electrical Products, China. (2009.4)
17. Modeling ETC lane Deployment Based on Queuing Theory and Incremental-Benefit-Cost Ratio Maximum, Journal of Transportation Systems Engineering and Information Technology, China. (2009.5)
18. A Briefing on the Cost Estimation for Bus Rapid Transit (BRT) Construction, Finance and Accounting for Communications, China. (2009.10)
19. Research on Selective Methods by Fuzzy Number from Multiple Interjunction Plans Containing Language Information, Technology of Highway and Transport, China. (2010. 1)
20. Design and Implementation of the Platform Screen Doors System for BRT, The 10th International Conference of Chinese Transportation Professionals. China Beijing (2010.8)
21. 「 Introduction on Automatic Guided Vehicle System for Bus Rapid Transit 」 , TRAFFIC & TRANSPORTATION, China. (2011.7)