

Project mainly Transport Planning Overseas:**Project Description**

(1) Name of Project: Data Collection Survey on Urban Transport in Phnom Penh

Year: Jan. 2021 – Jun. 2022 (18 months) **Location:** Cambodia

Client: Japan International Cooperation Agency (JICA)

Main project features: Data Collection Survey for Formulation of Urban Transport Master Plan

Position held: Public Transport Planning/ Traffic Management Planning

Activities performed:

It has been 10 years since the Phnom Penh Urban Transport Master Plan (refer to (7) below) was formulated and the traffic conditions have changed. Therefore, JICA Cambodia conducted this Survey for the following purposes:

- to update the traffic data which was surveyed and analyzed in PPUTMP in 2014,
- to conduct the interview surveys on new transport mode in Phnom Penh, RHS,
- to identify the issues on transport sector in Phnom Penh as of today, and
- to identify the direction of cooperation and priority project in urban transport sector in Phnom Penh.

(2) Name of Project: The Project for Large-scale Retirement Village Development for Japanese in the Province of Pangasinan, Philippines

Year: Nov. 2019 – Sep. 2021 (23 months) **Location:** Philippines

Client: Private Sector

Main project features: Continuing Care Retirement Community (CCRC) Development

Position held: Team Leader/ Land Use Planning/Physical Planning

Activities performed:

High-end CCRC development mainly targeting Japanese elderly and introducing smart village concept. Project area is 200 ha, located in northern Luzon in the Philippines.

(3) Name of Project: PHNOM PENH URBAN TRANSPORT SITUATION IN 2020 Comparison between PPUTMP and Current Situation (REVISION OF PPUTMP)

Year: Jan. 2019 – Sep. 2021 (39 months) **Location:** Cambodia

Client: Phnom Penh Capital Administration (PPCA)

Main project features: Data Collection Survey for Urban Transport Problems/Issues

Position held: Team Leader/ Urban Transport Planning

Activities performed:

It has been 10 years since the Phnom Penh Urban Transport Master Plan (refer to (7) below) was formulated and the traffic conditions have changed. Therefore, PPCA decided to conduct this Survey for the following purposes and mainly from quantitative aspect:

- to identify the problems/issues on transport sector in 2020 by comparing the current situation and PPUTMP's proposal, and
- to propose the traffic management measures considering the current situation in Phnom Penh.

(4) Name of Project: Rural Roads Improvement Project II, Consulting Service for Road Safety Program (Loan 3151-CAM (SF)) (funded by ADB)

Year: Oct. 2017 – Apr. 2021 (39 months) **Location:** Cambodia

Client: Ministry of Rural Development

Main project features: Formulation of the Community-Based Road Safety Program for 10 provinces in Cambodia

Position held: Team Leader / Road Safety Specialist

Activities performed: Responsible for overall activities of community-based road safety program along 1,200km project road in ten project target provinces in Cambodia to mitigate any adverse effects arising from the improvement of the road from laterite to DBST paved road and to improve road safety in the project area, the community-based road safety program provides assistance to the local people.

(5) Name of Project: The Project on Improvement of Traffic Management Capacity in Lahore Central Area

Year: Jan. 2016 – Mar. 2018 (39 months) **Location:** Pakistan

Client: Japan International Cooperation Agency (JICA)

Main project features: Traffic Management, Traffic Safety

Position held: Team Leader/ Road Safety Specialist/ Traffic Control System Engineer

Activities performed:

Lahore, the capital of Punjab Province, is the 2nd largest city in Pakistan with a population of about 10 million. The city's rapid

population growth coupled with extremely high motorization has resulted in chronic traffic congestion. Considering these circumstances, the Project started for the improvement of the traffic management capacity of the Traffic Engineering & Transport Planning Agency (TEPA), which is the implementing agency of the traffic management measures, to reduce traffic congestion in Lahore.

(6) Name of Project: Project on Development of Traffic Management System in Phnom Penh Capital City

Year: Mar. 2015- Dec. 2018 (46 months) **Location:** Cambodia

Client: Japan International Cooperation Agency (JICA)

Main project features: Traffic Management

Position held: Team Leader and Traffic Management Planning

Activities performed: The purpose of the Project is to reduce the traffic congestion in Phnom Penh city center through the installation of traffic signals at 100 intersections and conduct driver education/traffic enforcement by traffic police officers.

(7) Name of Project: Rural Roads Improvement Project, Consulting Service for Road Safety Program (Loan 2670-CAM (SF) (funded by ADB)

Year: Aug. 2012 – Feb. 2014 (19 months) **Location:** Cambodia

Client: Ministry of Rural Development

Main project features: Formulation of the **Community-Based Road Safety Program** for Svay Rieng, Prey Veng, Kampong Chhnung and Kampong Speu in Cambodia

Position held: Team Leader / Road Safety Specialist

Activities performed: Responsible for overall activities of community-based road safety program in eight project target provinces in Cambodia to mitigate any adverse effects arising from the improvement of the road from laterite to DBST paved road and to improve road safety in the project area, the community-based road safety program provides assistance to the local people.

(8) Name of Project: Preparing the Provincial Roads Improvement Project (TA7665-CAM)

Year: Jul. 2011 – Dec. 2011 (6 months) **Location:** Cambodia

Client: Asian Development Bank (ADB)

Main project features: Development of **Community-Based Road Safety Program**

Position held: Road Safety Specialist

Activities performed: Responsible for the development of community-based road safety program in rural areas in Cambodia to mitigate any adverse effects arising from the improvement of the road and to improve road safety in the project area, the community-based road safety program provides assistance to the local people.

(9) Name of Project: Study on Phnom Penh City Skytrain Airport Line Project

Year: Jul. 2010 – Dec. 2010 (6 months) **Location:** Cambodia

Client: Japan External Trade Organization (JETRO)

Main project features: Introduction of New Transit System

Position held: Public Transport Planning, Traffic Management

Activities performed: Responsible for traffic management for the introduction of new transit system in Phnom Penh City considering smooth traffic flow and traffic safety. The project objective is to introduce environment-friendly rail transit system with a large passenger capacity, to minimize traffic accidents and congestion in Phnom Penh City.

(10) Name of Project: The Project for Traffic Improvement in Phnom Penh City

Year: Mar. 2007 – Mar. 2010 (37 months) **Location:** Cambodia

Client: Japan International Cooperation Agency (JICA)

Main project features: Public Transport Planning, Traffic Management, Traffic Safety

Position held: Team Leader/ Road Safety Specialist

Activities performed: Responsible for project management and for traffic safety engineering including community-based traffic safety in adjoining area of Phnom Penh. To cope with Phnom Penh's traffic problems, this project sought to improve the capacity of engineers /staff of the city and the national government through the implementation of appropriate traffic management with collaboration between 3Es (E1: Engineering, E2: Education and E3: Enforcement), and between counterparts /experts.

(11) Name of Project: The Study on Master Plan for Urban Transport in the Nairobi Metropolitan Area in Kenya

Year: Jun. 2004 – Mar. 2005 (10 months) **Location:** Kenya

Client: Japan International Cooperation Agency (JICA)

Main project features: Urban Transport Master Plan

Position held: Public Transport Planner and Traffic Management/Safety Engineer

Activities performed: Responsible for public transport planning, especially for bus and feeder transport and traffic management in the central business district including parking measures and development of pedestrian space considering traffic safety. This project is the formulation of the transport master plan in Nairobi Metropolitan Area in Kenya, Africa. Major proposals of public transport are restructuring of Matatsu, which is the most popular public transport, and introduction of rail transit system in the city center in Nairobi.

(12) Name of Project: Impact Study for the Infrastructure Development in the Northern Vietnam

Year: May 2003 – Nov. 2003 (7 months) **Location:** Vietnam

Client: Japan Bank for International Cooperation (JBIC)

Main project features: Impact study for infrastructure development

Position held: Team Leader/ Road Safety Specialist

Activities performed: Responsible for transport analysis of the impact of trunk road development, especially for the review of community-based road safety countermeasures in rural areas along National Road No.5.

The study looks into the impact of improvement of National Road No. 5 by Japanese ODA in terms of socio-economic and transport aspects.

(13) Name of Project: The Study on Urban Transport Master Plan in Ho Chi Minh Metropolitan Area in Vietnam

Year: Apr. 2002 – Mar. 2003 (12 months) **Location:** Vietnam

Client: Japan International Cooperation Agency (JICA)

Main project features: Transport Master Plan Study

Position held: Public transport planner and traffic management/Road safety specialist

Activities performed: Responsible for the transport planning and traffic management for a more effective and safe loading/unloading at bus stop and its surroundings. The study's main objective is the formulation of transport master plan for Ho Chi Minh Metropolitan Area, which has a population of over 7 million. And to improve serious traffic congestion caused by motorcycles, public experiment of improvement of bus transport is examined.

(14) Name of Project: The Feasibility Study on the Improvement of Transport System in the Metropolitan Area of Belem in the Federative Republic of Brazil

Year: Jun. 2002 – Sep. 2002 (4 months) **Location:** Brazil

Client: Japan International Cooperation Agency (JICA)

Main project features: Feasibility Study of Busway System

Position held: Traffic management/Road safety Specialist

Activities performed: Responsible for traffic management and traffic safety along the busway corridors for improved and smooth traffic flow and safe circumstances. This is the feasibility study of busway along the main transport corridors to improve the congested traffic situation in the central business district in Belem with a population of 1.9 million in 2000.

(15) Name of Project: The Study on the Transport Master Plan of the Phnom Penh Metropolitan Area

Year: Apr. 2000 – Oct. 2002 (18 months) **Location:** Cambodia

Client: Japan International Cooperation Agency (JICA)

Main project features: Public Transport Planning, Traffic Management, Traffic Safety

Position held: Public Transport Planner/ Road Safety Specialist

Activities performed: Responsible for public transport planning and for traffic safety engineering including traffic safety campaign for the newly introduced bus system in Phnom Penh. To cope with Phnom Penh's traffic problems, this project sought to improve the capacity of engineers /staff of the city and the national government through the implementation of appropriate traffic management with collaboration between 3Es (E1: Engineering, E2: Education and E3: Enforcement), and between counterparts /experts.