

JICA Internship Activity Report

January 19th, 2022

Hanaoka Research Group M1

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Contents (Total time will be 10-15min.)

1. Abstract of the Internship
2. Some Examples of My Presentation in the Internship
3. Impressions from the Internship

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- Hosting: JICA (Japan International Cooperation Agency)
- Place of work: ALMEC VPI
A development consultant company that has strength in urban and transportation planning field especially in foreign countries.
- Period: October 4th ~ 25th, 2021
- Main Project:
The Egyptian Transport and Traffic Development Plan

Purposes and Works in the Internship

◆ Purposes to join the Internship

- To understand the business description
- To understand the features of foreign business
- To understand the way of data collection and analysis

◆ Activities in the Internship

- Translation of discussion materials
- Attend some meetings
- Hearing from the staffs about their jobs
- Free assignment presentation

Translation of materials and meetings

■ Translation

- Acting as a bridge between Japanese officials (such as JICA and MLIT) and local officials (such as local government offices and local authorities)
 - Difficult to get used to unique phrases such as Counterpart and MM (Man Month)
- ✓ Translation of Cambodia Road Safety Operation Completion Report
 - ✓ Translation of materials for discussion with local counterpart GOPP (General Organization for Physical Planning)

■ Meeting

- ✓ Kick-off meeting of Road Traffic Joint Study in Cambodia
 - Attendees: Japanese staffs from ALMEC VPI and local experts
 - Greetings and confirmation of project schedule and on-site survey content
 - Hard to catch up the discussion because of English in addition to the complexity of the content.

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Free assignment presentation

■ Typology of Transportation Nodes of Cairo Metro Line 2

I categorized transportation nodes in Cairo as below.

1. Connection between transport modes

Multiple transportation connections are important to expand the range of mobility.

2. Connection between transport mode and city facility

It is important to consider the connection between the station and the city from the perspective of pedestrians in order to realize comfortable and safe travel.

● Method: qualitative observations using Google Maps

	Connection between transport modes	Connection between transport mode and city facility
△ Developing examples (Relatively good condition)	<ul style="list-style-type: none"> • <u>Subway - subway (railway)</u> • Subway - bus • Subway - car (parking lot) 	<ul style="list-style-type: none"> • <u>Subway - university</u> • Subway - sightseeing spot • <u>Subway - commercial area</u> • <u>Subway - residential area</u>
× Problematic examples (There are some problems)		

An example of developing area (Δ)

Subway - subway (transport - transport)

Share two stations with Line 1 and one with Line 3 for easier transfer



Connection between Line 2 and 1



Line 2 and 3



Concourse of Attaba Sta.

- For further improvement
 - Inviting stores to create a bustle
 - Creating public service spaces to support lives of citizens



Stores in Nagoya City Subway Sta.

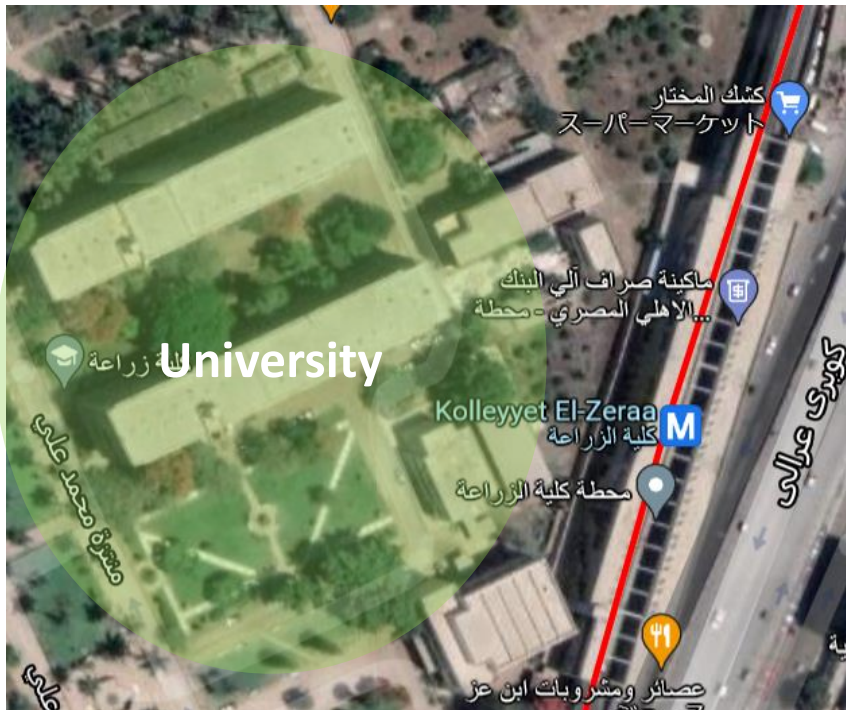


Public Service Counter in Meguro Sta.

An example of developing area (Δ)

Subway – university (transport - city)

Ensuring safety by developing flow lines that do not require crossing road



Station and university are connected

■ For further improvement

- Develop a safe walking environment even during the time with few passersby by installing **streetlights and stores**, etc.



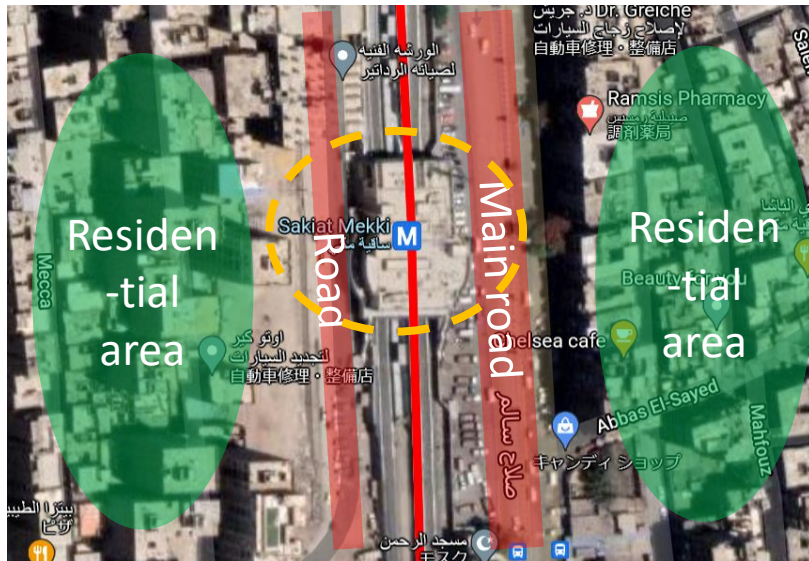
Station ↔ university pedestrian deck

Number of such decks: 5/20 stations (Metro Line 2)

An example of problematic area (×)

Subway – commercial area, residential area (transport - city)

Separated by roads to city facilities with no crosswalk



◆ To improve convenience

- Extending the station entrance to the other side of the main road
- Construction or extension of pedestrian decks
- Measures to encourage speed control of vehicles



Pedestrian deck (Takasaki Sta.)



Steps for vehicle speed control (Korea)

Summary of the Cairo Metro Transportation Nodes¹²

- **Pedestrian decks and crosswalks are very few**, including on main roads, so it is necessary to create a safe walking environment for pedestrians by adding these facilities.
- Many bus stops are scattered even in areas close to subway stations, so it is necessary to aggregate bus stops or develop bus terminals.
- Information signs (written in English as well) need to be installed (or expanded) in anticipation of multiple entrances and exits.
- **Universities and tourist spots** tend to be well connected to the subway station. As for future work, it should create a bustle and strengthen urban functions by setting up stores, for example.
- It is necessary to explore cooperation with informal transportation (Uber, etc.).

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Impressions from the Internship

◆ Jobs of development consulting company

- Distinguished from construction consultants, they are responsible for a wide range of planning.
- A vast amount of information to be gathered through the Internet and on-site surveys
- Communication with a variety of people

◆ Features of foreign business

- It is quite hard to think about a region I have never visited.
- It starts with knowing the current situation of the country (GDP, population, major industries, etc.)
- The field of work is wide (including the soft side, such as traffic safety systems)
- Many large-scale discussions such as deciding on overall policies
- There is a lot of non-technical work involved, such as business coordination (arranging offices and transportation, hiring local staff, etc.) and administrative work (preparing reports, etc.)

◆ Data collection and analysis

- Conduct not only quantitative analysis but also qualitative analysis
- Finding problem is important.

- I learned the importance of having a clear purpose.

In research, it is important to clarify the purpose of the research, and in job hunting, it is important to understand the purpose of the job.

- I should work hard on research.

The research flow (data collection → data analysis → suggestion) can lead to many things.

- I hope to contribute to the society by supporting people's mobility.

Especially, it is important to consider from the perspective of pedestrians.

Thank you for your attention.
