

Second feasibility study trip on Wangdong Bridge (24thAugust – 26thAugust, 2018)

1. Background:

Similar to the first trip to Wangdong back in April, the second trip aimed to investigate the project value and possibility for Mingde project to reconstruct the fallen Wangdong bridge. The difference was that the second trip would include examination on the slope stability of the Wangdong Primary School and the temporary bridge, but it would exclude the surveying study on the possible site of reconstruction, which was completed in first trip to Wangdong.

The rationale of also including a slope investigation was that there was a report on the potential slope failure from another investigation team of Mingde, who had visited the school in July. The temporary bridge was worth the attention as repairing it could be a solution for crossing the river.

Time, Venue, Transportation & Duration:

Same as itinerary. Refer to itinerary for details.

2. Team members:

Teaching staff:

Ir Professor Leslie George THAM

Ir Professor Zhong-qi Quentin YUE

Ir. Robin Chi Po Yip

Dr. WONG, Ryan C.P.

ICE members:

Two ICE student members (Joined on the second day)

Student members:

POON Chee Tou BEng (CivE) IV (2018 – 2019)

NG Tsun Yu BEng (CivE) III (2018 – 2019)

WANG Yu Shen BEng (CivE) III (2018 – 2019)

3. The trip:

The first day:

The first day proceeded according to the itinerary: The crew gathered at Lok Ma Chau at 10:30 am and crossed the border at 10:50 am. After taking several trains, the crew arrived Sanjiangnan station and met Kelu (可陸), who would drive us to Rongshui from the train station. At around 7:00 pm, the crew arrived the destination and was treated a dinner by President Wu (吳老闆) at his house. After having the dinner, the crew went to a nearby square to watch a performance celebrating the Zhongyuan Festival. And then, they went to Rongshui Beijiang Star Hotel and stayed until the next day morning.

The second day:

The second day started with a three-hour ride from Rongshui to Wangdong (8:00 am to 11:00am). Upon arrival, the team examined the temporary bridge and the failing slope of Wangdong Primary school. The team was then treated a lunch by the villagers and discussed the possibility of repairing the slope and the temporary bridge on the dining table. After that, three of the teaching staffs went back to the hotel to take rest while Dr. Wong and the students went to the school to take aerial photos with a drone. Later this day, the ICE students joined the team and the team revisited some of the sites to further investigate. The team was again treated a “hundred family banquet” for dinner and they went back to hotel to continue the discussion of reconstructing the Wangdong bridge.

The third day:

The third day was spent on travelling back to Hong Kong. The trip followed closely to the itinerary.

4. Comments on the trip:

- ✧ It is the best for every student to purchase a travel data card lest the team separates.
- ✧ Bring \$5 and \$10 RMB bills for purchasing Shenzhen MTR tickets.
- ✧ More time could be allocated to border crossing when the trip starts on a public holiday.

5. Conclusion:

The trip was successful in gathering photos and information and it was without any big troubles.