

Third Feasibility study trip on Wangdong Bridge on (27thDecember – 30thDecember 2018)

Soon after the second trip to Wangdong in October 2018, the construction of the Wangdong bridge was confirmed. The local contractor has prepared the preliminary drawings of their proposed design and has estimated the cost of such construction. The third trip to Wangdong aimed to investigate the feasibility of such construction.

Unlike the previous two trips, in which they were investigating the project value of the Wangdong bridge, the third study trip to Wangdong aimed to investigate the structural feasibility of the proposed catenary bridge by studying the similar catenary bridges in the vicinity of the site.

The first day proceeded according to the itinerary: The team gathered at West Kowloon Railway Station at 10:45 am and went to Sanjiangnan station (三江南) by high speed rail. At around 6:00 pm, the team arrived and met Kelu (可陸), who would drive the team to Rongshui, where the team would stay for a night.

The second day started with a three-hour ride from Rongshui to Wangdong (7:00 am to 11:00am). Upon arrival, the team met secretary Liu and the local contractor. The local contractor accompanied the team to the Wangdong bridge site and explained how he would construct the catenary bridge. After that, the team was treated a lunch by the local villagers. The team would then visit a nearby catenary bridge, which is built in the similar manner as the bridge that the team had been studying.

In the morning, the team departed from Wangdong to Rongshui. On the way, the team studied the local catenary bridges along our route. The team studied three catenary bridges and they were very similar. In the afternoon, the team rested in the hotel as the weather was too cold for any more site visits. The third day was spent on travelling back to Hong Kong. The trip was the same on the itinerary.

Team members:

Teaching staff:

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Student members:

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