

SITE VISIT was held on 29th March 2017.

A site visit was organized with the purpose of introducing the seismic retrofitting works under BSPP. Visited places were Radio Center in Agargaon and Tejgaon Fire Station, both of which were retrofitted by PWD. About 40 participants including Prof. Jamilur Raza Choudhury (Vice-Chancellor of UAP) and other organizations like UBSP, TRP, CNCRP Advisory Boards, and JICA.

RADIO CENTER

The building of the Radio Center was designed in 1990, and now it has been done for seismic retrofitting with extending from 6 to 10 storied. Mr. Rafiqul Islam, the designer of retrofitting, and Mr. Rashed Ahsan, the coordinator of the works, as PWD staffs explained the process and the results of the works.

Participants observed installed steel bracing, reinforced shear walls etc. After the observation of the seismic retrofitting and the discussion, they understood well the actual situation of seismic retrofitting works as well as the importance of quality control by keeping records and sharing the documents among contractors, client, and designers for monitoring and supervising construction during the process of this Radio Center works.

FIRE STATION AT TEJGAON

This old Fire Station of FSCD had seismically retrofitted as the first attempt for public building under the CNCRP, 2014 to 2015. During the technical transfer by the CNCRP Experts on building evaluation, retrofitting design and construction works, PWD staff got a lot of experiences on seismic retrofitting of whole process.

		
Observation of Radio Center retrofitting results	Importance of Quality Control and its method is explained	Discussion on whole works and future development
		
Tejgaon Fire Station	Discussion on Retrofitted Results	Observing Steel Bracing

INTERVIEW WITH THE PROJECT COORDINATOR OF RADIO CENTER SEISMIC RETROFITTING WORKS, MR. RASHED AHSAN

Mr. Rashed Ahsan, a Sub-Divisional Engineer (SDE) of PWD, has engaged in CNCRP from 2013 as a training team member and got a lot of experiences during CNCRP. He got the opportunity for practicing it in the field now at Radio Center Site. Now he accepted the interview as below;

My Knowledge on Seismic Retrofitting was ...

When I was newly assigned for the supervisor of the seismic retrofitting works at Radio Center, I felt really worried at first. My senior kindly requested the assistance by Japanese Experts at site, and I relieved. However, Japanese Experts were quite demanding, and so much strict on everything, such as “steel is no good”, “safety control is bad”, “daily report, monthly reports needs to be prepared”, “weekly meeting should be held”, and so on...



Struggled a lot but learned a lot.

When I requested the improvements to contractors, they said no plan. Suddenly, I had to run for preparing measures and budget. I was so much busy negotiating with lots of things and running for supervision of other sites. Finally when everything is completed, many people including university academia visited the retrofitted buildings. And I can feel somehow satisfied with my work. In fact, I achieved a lot of practical knowledge and technical parts from Japanese Experts, whose significance of seismic retrofitting given during CNCRP.

Importance of Documentation for Quality Control

Experiencing an actual seismic retrofitting work, I faced various issue to be solved. In such cases, always I referred the manuals prepared during CNCRP, which effectively supported me. Based on these Manuals, I learned how much important for sharing the information with staff to use such as Daily report, Weekly meeting to keep quality, economical works, and etc. I am proposing that in near future, each project should integrate the relating information on site supervision and safety management, therefore, a common Manual for us can be provided.

My Expectation and Future

It would be better to have more fields with Japanese Experts. We can use our experiences during training what we learnt. Japanese have more knowledge on earthquake than Bangladeshi and I am expecting from Japanese sharing us what they learned from earthquake and applied to safety building construction. Therefore, I would like to share with Bangladeshi about the knowledge for safer buildings which I have learnt during the site works with my responsibility. During my future carrier, I would like to convey as SDE's voice the importance and necessity of supervision, safety control, seismic safe construction, and whatever I learned through the field experience.

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