

Tohoku Chapter, Architectural Institute of Japan
Quick Reconnaissance Report of East Japan Earthquake Disaster
March 23, 2011

Professor Reiji Tanaka, Tohoku Institute of Technology
Chairman of Disaster Committee, AIJ Tohoku Chapter
(Translated by Shunsuke Otani, University of Tokyo)

Reporter:

Mr. Sakurai, Matsushima-machi Municipal Office

This report includes a series of photos taken by Mr. Sakurai of Disaster Counter Plan Department, Matsushima-machi (township), Miyagi Prefecture. Damage in Matshima-machi was not severe, but Higashi (East)-Matsushima City was severely hit by tsunamis. Damage of both Matsushma-machi and Higashi-Matsshima City is reported herein.

(1) Observed damage in Matsushima-machi

Matsushima-machi is located approximately 7 km to the north east north of Shiogama City, or approximately 25 km to the north east of Sendai City. The town is famous for beautiful view of Matsushima Bay and Islands.



Photo 1: Matshima bridge on the Takagi River.
Leakage of city water from water pipes.



Photo 2: Collapse of a vacant house at Takagi



Photo 3: Up-rise of tsunami tide near Myoujin Bridge of the Takagi River



Photo 4: A collapsed house near Myoujin Bridge of the Takagi River



Photo 5: Near Matsushima JR station



Photo 6: National Route 45, near Hugendo-chi



Photo 7: Central Country Hall at Isozaki



Photo 8: An apartment building in Nagata

(2) Damage observed in Higashi-Matsushima City

Higashi-Matsushima city is located approximately 8 km to the west of Ishinomaki City, or 20 km to the north east of Shiogama City. The city was heavily attacked by tsunami waves.



Photo 1: Ono, Higashi-Matsuyama City (Tsunami water)



Photo 2: Overall view of Nobiru Elementary School, retrofitted.



Photo 3: Street in front of Nobiru Elementary School



Photo 4: Ground of Nobiru Elementary School filled with debris carried by tsunami wave



Photo 5: An apartment building in front of Nobiru Elementary School, indicating the height of tsunami wave



Photo 6: View in front of Nobiru Elementary school



Photo 7: Nobiru Jozan Canal



Photo 8: A house carried to Jozan Canal



Photo 9: View from Jozan Canal toward the sea



Photo 10: Debris brought into Jozan Canal



Photo 11: A convenient store in Toumei district



Photo 12: Commercial area of Toumei district



Photo 11: Construction of a temporary bridge by self-defense force



Photo 12: A vehicle carried nearly 2 km by tsunami wave and the area



Photo 13: A vehicle lying on the JR Sengoku Line



Photo 14: Toumei Station of the JR Sengoku Line