

**BASIC DESIGN STUDY REPORT
ON
THE PROJECT FOR REHABILITATION OF BRIDGES
ON THE RING ROAD IN THE EFATE ISLAND
IN
THE REPUBLIC OF VANUATU**

JULY 2003

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

GR3
JR
03-181

PREFACE

In response to a request from the Government of the Republic of Vanuatu, the Government of Japan decided to conduct a basic design study on the Project for Rehabilitation of Bridges on the Ring Road in the Efate Island and entrusted the study to the Japan International Cooperation Agency (JICA).

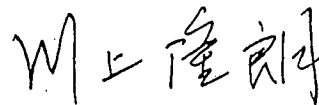
JICA sent to Vanuatu a study team from March 5th to March 28th, 2003.

The team held discussions with the officials concerned of the Government of Vanuatu, and conducted a field study at the study area. After the team returned to Japan, further studies were made. Then, a mission was sent to Vanuatu in order to discuss a draft basic design, and as this result, the present report was finalized.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of the Republic of Vanuatu for their close cooperation extended to the teams.

July, 2003



Takao Kawakami

President

Japan International Cooperation Agency

July, 2003

Letter of Transmittal

We are pleased to submit to you the basic design study report on the Project for Rehabilitation of Bridges on the Ring Road in the Efate Island in the Republic of Vanuatu.

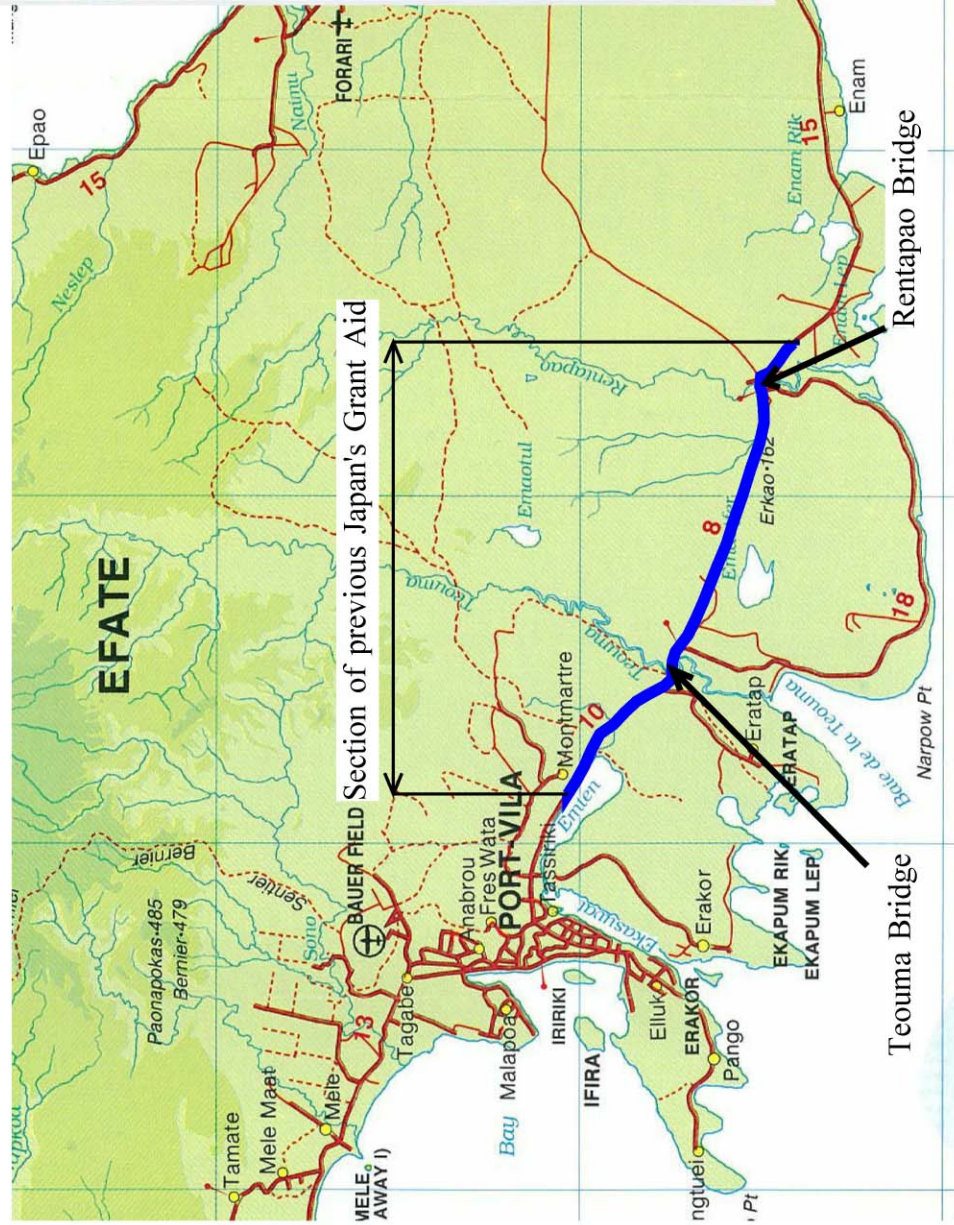
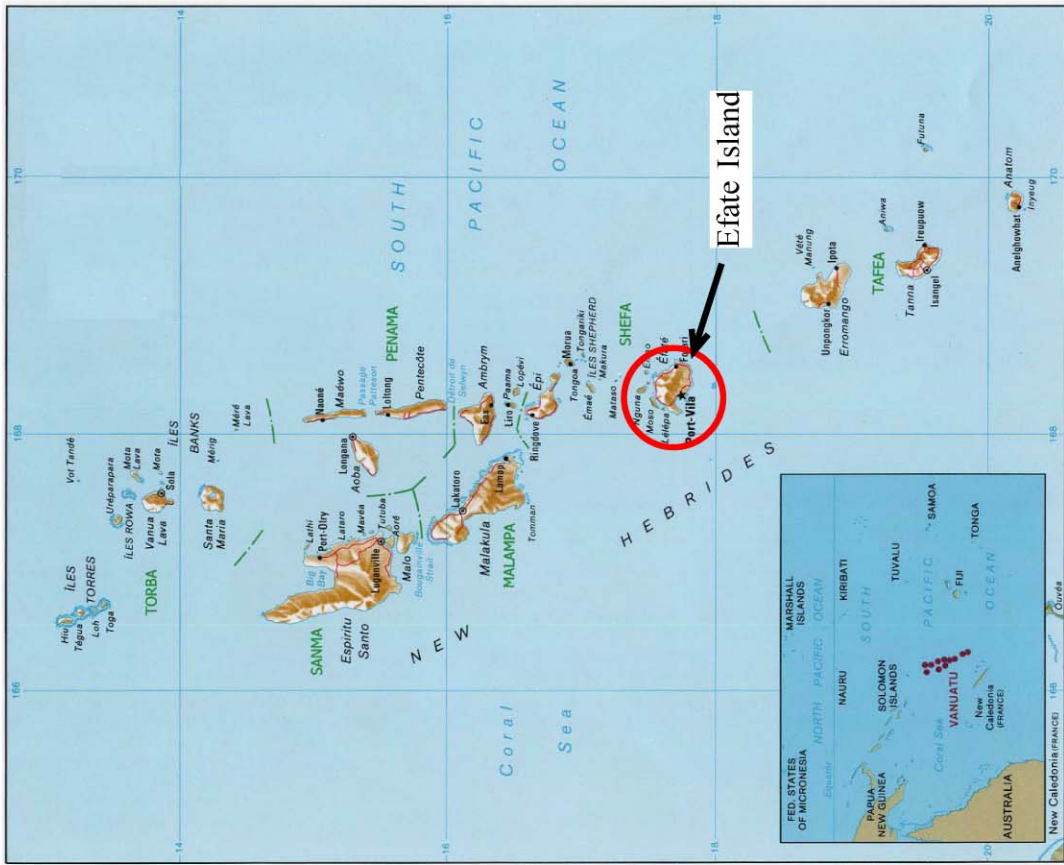
This study was conducted by Katahira & Engineers International, under a contract to JICA, during the period from February, 2003 to July, 2003. In conducting the study, we have examined the feasibility and rationale of the project with due consideration to the present situation of Vanuatu and formulated the most appropriate basic design for the project under Japan's grant aid scheme.

Finally, we hope that this report will contribute to further promotion of the project.

Very truly yours,



Kazuyuki Hiraoka
Chief Consultant,
Basic Design Study Team on the Project for
Rehabilitation of Bridges on the Ring Road
in the Efate Island
Katahira & Engineers International



Location Map



PERSPECTIVE (TEOUMA BRIDGE)



PERSPECTIVE (RENTAPAO BRIDGE)