

**The Democratic Republic of Timor Leste**  
**The Project for the Capacity Building of Road Maintenance in Timor Leste**

**Final Report**

**Table of Contents**

Location Map

Arterial Roads in Timor Leste

Photographs

Table of Contents

Abbreviations

	<b><u>Page</u></b>
<b>Chapter I INTRODUCTION</b> .....	I-1
1.1 Background of the Project .....	I-1
1.2 Purpose of the Project .....	I-1
1.3 Project Overall Goal and Outputs .....	I-2
1.4 Counterpart Agency .....	I-2
1.5 The Project Area .....	I-6
<b>Chapter II PROJECT IMPLEMENTATION</b> .....	II-1
2.1 Basic information of the Project .....	II-1
2.2 Project Design Matrix .....	II-2
2.3 Project Implementation Process .....	II-2
2.4 Project Input .....	II-6
2.4.1 Input by Japanese side .....	II-6
2.4.2 Input by East Timor side .....	II-8
2.5 Minutes of Meeting for Joint Steering Committee Meeting .....	II-9
2.6 Achieved Progress of the Project (CBRM) .....	II-10
<b>Chapter III PROJECT ACTIVITIES</b> .....	III-1
3.1 First Year Work (Preparatory Work in Japan) .....	III-1
3.2 First (1 <sup>st</sup> ) Field Work .....	III-1
3.2.1 Outline of 1 <sup>st</sup> Field Work .....	III-1
3.2.2 Explanation and discussion of Inception Report .....	III-3
3.2.3 Capacity building to DRBFC .....	III-3
3.2.4 Capacity building to IGE .....	III-5
3.2.5 Regular meeting, Joint Steering Committee meeting, seminar and website .....	III-7
3.2.6 Work done by sub-contractor of CBRM .....	III-9
3.3 Second (2 <sup>nd</sup> ) Year Work, Phase 1 and Interruption of 2 <sup>nd</sup> Year Work .....	III-10
3.3.1 Outline .....	III-10

	<u>Page</u>
3.3.2	Second (2 <sup>nd</sup> ) Field Work, Phase 1 ..... III-10
3.3.3	Interruption of 2 <sup>nd</sup> Field Work, Phase 1 and 2 <sup>nd</sup> Home Work, Phase 1 ..... III-11
3.4	Resumption of 2 <sup>nd</sup> Year Work (2 <sup>nd</sup> Field Work, Phase 2) ..... III-13
3.4.1	Resumption of 2 <sup>nd</sup> Field Work, Phase 2 ..... III-13
3.4.2	Outline of 2 <sup>nd</sup> Field Work, Phase 2 ..... III-13
3.4.3	Capacity building to DRBFC ..... III-17
3.4.4	Capacity building to IGE ..... III-21
3.4.5	Capacity building through the Case Study ..... III-25
3.4.6	Meetings, seminars/ workshop and website ..... III-30
3.5	Third (3 <sup>rd</sup> ) Field Work ..... III-33
3.5.1	Outline of 3 <sup>rd</sup> Field Work ..... III-33
3.5.2	Capacity Building to DRBFC..... III-37
3.5.3	Capacity building to IGE ..... III-39
3.5.4	Capacity building through the Case Study ..... III-41
3.5.5	Meetings, seminars/ workshop and website ..... III-46
<b>Chapter IV</b>	<b>ACHIEVEMENT BY THE PROJECT ..... IV-1</b>
4.1	Achievement regarding Capacity Building to DRBFC ..... IV-1
4.1.1	Road maintenance inventory ..... IV-1
4.1.2	Road Maintenance Plan ..... IV-6
4.1.3	Manual for Reporting System in normal condition ..... IV-7
4.1.4	Manual for Reporting System in disaster condition ..... IV-9
4.1.5	Capacity building to staff of DRBFC ..... IV-10
4.2	Achievement regarding Capacity Building to IGE ..... IV-14
4.2.1	Outline of capacity building to IGE ..... IV-14
4.2.2	Technical assistance on equipment management system for IGE ..... IV-15
4.2.3	Mechanic training ..... IV-21
4.2.4	Operator training ..... IV-26
4.3	Capacity Building through the Case Study ..... IV-31
4.3.1	Selection of work field ..... IV-31
4.3.2	Preparation of work in DRBFC and IGE ..... IV-32
4.3.3	Execution of work ..... IV-34
4.3.4	Completion of work ..... IV-37
4.3.5	Achievement and evaluation of activities through the Case Study ..... IV-37
4.4	Products by the Project ..... IV-39
4.4.1	Road maintenance inventory database ..... IV-39
4.4.2	Road Maintenance Plan ..... IV-42
4.4.3	Manual for Reporting System in Normal Condition ..... IV-42
4.4.4	Manual for Reporting System in Emergency Case by Disaster ..... IV-43
4.4.5	Equipment management database ..... IV-43
4.4.6	Training material and textbook ..... IV-43

	<u>Page</u>
4.4.7 Other reports submitted by CBRM .....	IV-47
<b>Chapter V PROJECT EVALUATION .....</b>	<b>V-1</b>
5.1 Summary of Achievements .....	V-1
5.2 Relevance .....	V-5
5.3 Effectiveness .....	V-6
5.4 Efficiency .....	V-12
5.5 Impact .....	V-14
5.6 Sustainability .....	V-16
<b>Chapter VI CONCLUSION, RECOMMENDATIONS AND LESSON LEARNED .....</b>	<b>VI-1</b>
6.1 Conclusion .....	VI-1
6.2 Recommendations .....	VI-1
6.3 Lesson Learned .....	VI-4