

**Minutes of Discussions
on the Basic Design Study
on the Project for the Improvement of National Road No. 1
(Phnom Penh – Neak Loeung Section)
in the Kingdom of Cambodia
(Supplemental Survey)**

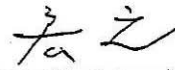

The Government of Japan decided to conduct a Supplemental Survey on the Project for the Improvement of National Road No. 1 (Phnom Penh – Neak Loueng Section) (hereinafter referred to as “the Project”) to obtain additional information about the Environmental and Social Considerations for the Project.

JICA sent to Cambodia the Supplemental Survey Team (hereinafter referred to as “the Team”), headed by Mr. Hiroyuki Hayashi, an officer, Traffic Infrastructure Team, Project Management Group II of the Grant Aid Management Department, JICA, and is scheduled to stay in the country from January 23 to February 4, 2005.

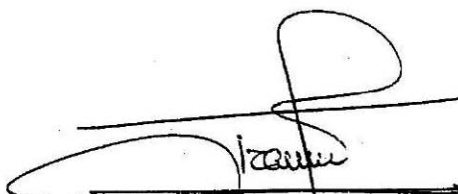
The Team held discussions with the concerned officials of the Government of Cambodia.

In the course of the discussions, both sides have confirmed the main items of described in the attached sheets.

Phnom Penh, January 27, 2005

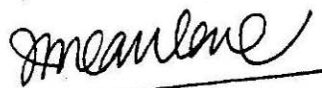


Hiroyuki Hayashi
Leader
Supplemental Survey Team
Japan International Cooperation Agency



H.E. Tram Iv Tek
Secretary of State
Ministry of Public Works and Transport (MPWT)

Witness



H.E. Nhean Leng
Chairman
Inter-Ministerial Resettlement Committee
Under Secretary of State
Ministry of Economy and Finance



ATTACHMENT

1. Extent of impacts due to the new openings

(1) Both sides confirmed that the general stakeholder meeting involving the Inter-Ministerial Resettlement Committee (IRC), Ministry of Public Works and Transport (MPWT), Ministry of Water Resources and Meteorology (MOWRAM), Kandal Province, the Team and expert on hydrology/irrigation if any, should be held by early February 2005. The Cambodian side should confirm responsible authority/agency for water control operation and monitoring for impacts.

(2) The Cambodian side should conduct site stakeholder meetings at each new opening. The governor of Kandal Province shall be responsible for notifying necessary information to the PAPs in advance.

(3) In case that negative impacts generated outside of the Provisional Road Width (PRW) are confirmed by IRC and PAPs after completion of construction of new openings, the Cambodian side should take further measures to settle the case.

2. Revised leaflet for the Project

The Cambodian side explained that revised leaflet for the phase I of the Project should be provided to PAPs in phase I by early March 2005. The leaflet for the phase II of the Project should be provided to PAPs in phase II before the commencement of DMS.

3. Candidate sites for relocation

(1) The Cambodian side explained that they are scheduled to secure three (3) candidate sites.

(2) The Cambodian side agreed to carry out site preparation and provide access roads, pumping wells, drainage and toilets in each site.

4. Implementation of the Project

(1) The Team explained that the implementation of the Project should be divided into more than two stages, subjected to budget allocation borne by the Government of Japan.

(2) The Cambodian side shall report the progress of compensation agreement for the phase I of the Project to the Japanese side by the end of March 2005 and also report the above-mentioned progress for the phase II of the Project by the end of October 2005. The Government of Japan will decide the scope of each stage in accordance with the reports.

(3) The Cambodian side submitted summary of DMS in the phase 1 as per Annex-1.

5. Revision of the Major Project Component

The both sides confirmed that the Major Project Component, which was attached as Annex-1 in the Minutes of Discussions for the Basic Design Study signed on October 28, 2004, should be revised as per Annex-2 due to minor changes of components.

6. Schedule of the Study

JICA will complete the Final Report in accordance with the confirmed items and send it to the Cambodian side in March 2005.

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 Inter-Ministrial Resettlement Committee
 សម្រាប់ការកែលម្អផ្លូវជាតិលេខ១ (ភ្នំពេញ - ត្បូងឃ្មុំ)
 for Improvement of Section of National Road No.1 (Phnom Penh - Neak Loeung)
 (គម្រោង ជំនួយឥតសំណងរបស់រដ្ឋាភិបាលជប៉ុន)
 (A JICA Grant Aid Project)

ព្រះរាជាណាចក្រកម្ពុជា
 KINGDOM OF CAMBODIA
 ជាតិ សាសនា ព្រះមហាក្សត្រ
 Nation Religion King

សង្ខេបលទ្ធផលនៃការវាស់វែងចំណុចកំណត់ផ្លូវជាតិលេខ ១ (ភ្នំពេញ - ត្បូងឃ្មុំ)
 Summary of the Detail Measurement Survey of PAP's by National Road No.1 Improvement Project (Phnom Penh-Neak Loeung)

Running Date: 24-Jan-05 Project Phase I from Station 23+900 to Station 54+740

ល.រ	ឈ្មោះឃុំ	Commune Name	សរុបចំនួនប្រតិបត្តិការវាស់វែង Total Number of Detail Measurement Survey Records	សរុបតាមឃុំ Total by Commune
1	ព្រែកត្បូង	Prek Tunlorp	40	41 Records
2	កំពង់ក្រវ៉ាត់	Kampong Phnom	248	265 Records
3	កកីរជ័យ	Koki Thom	184	212 Records
4	សំរោងជ័យ	Samraong Thom	712	838 Records
5	បន្ទាយដៃក	Banteay Dek	256	297 Records

សរុបចំនួនដែលបានធ្វើការវាស់វែង : Total No. of Records :	1,653	ចំនួនសំណង់ : No. of Buildings :	940	ចំនួនប្រតិបត្តិការ : No. of Graves :	1
សរុបចំនួនគ្រួសារ : Total No. of Households :	1,440	ចំនួនដើមឈើ : No. of Trees :	3,714	ចំនួនចេតិយ : No. of Cemeteries :	0
		ចំនួនរោងចក្រ : No. of Digging Well :	11	ចំនួនស្រះទឹក : No. of Water Ponds :	1
		ចំនួនប្រព័ន្ធបូម : No. of Pump Well :	37	ប្រវែងប្រព័ន្ធបូម : Total Fence Length :	5,738.00m
សរុបចំនួនករណីដែលបានរាយការណ៍ : TOTAL AREA OF LAND OUTSIDE THE ROW 88 cases 30,523.42 sq.m 48 cases 10,324.58 sq.m					

COMPLETE DATA OF PHASE 1, FROM STATION 23+900 TO STATION 54+740

គណៈកម្មការអន្តរក្រសួងសម្រាប់ការងារស្រោចស្រពដីជ្រាលជ្រៅ
 Inter-Ministrial Resettlement Committee
 សម្រាប់ការស្រោចស្រពដីជ្រាលជ្រៅ (ក្នុងតំបន់ - ភ្នំពេញ - ភ្នំពេញ)
 for Improvement of Section of National Road No.1 (Phnom Penh - Neak Loeung)
 (គំរោង ជំនួយឥតសំណងរបស់រដ្ឋាភិបាលជប៉ុន)
 (A JICA Grant Aid Project)

ព្រះរាជាណាចក្រកម្ពុជា
 KINGDOM OF CAMBODIA
 ជាតិ សាសនា ព្រះមហាក្សត្រ
 Nation Religion King

សង្ខេបការងារស្រោចស្រពដីជ្រាលជ្រៅ និងសំណង់ដីជ្រាលជ្រៅ (ក្នុងតំបន់ - ភ្នំពេញ - ភ្នំពេញ)
 Summary of Compensation Costs for PAP's by National Road No.1 Improvement Project (Phnom Penh-Neak Loeung)

Running Date: 24-Jan-05

Project Phase 1 from Station 23+900 to Station 54+740= 30.840Km

ល.រ	ឈ្មោះភូមិ	Commune Name	លេខប័ណ្ណស្រោចស្រពដីជ្រាលជ្រៅ Number of PAP's Households, who agreed to receive the compensation payment	សរុបតាមភូមិ Total by Commune
1	ព្រែកទន្សាយ	Prek Tunlorp	34 គ្រួសារ	\$ [REDACTED]
2	កំពង់ភ្នំ	Kampong Phnom	236 គ្រួសារ	\$ [REDACTED]
3	គគីរជ័យ	Kokl Thom	165 គ្រួសារ	\$ [REDACTED]
4	សំរោងជ័យ	Samraong Thom	677 គ្រួសារ	\$ [REDACTED]
5	បន្ទាយដៃក	Banteay Dek	261 គ្រួសារ	\$ [REDACTED]

សរុបតាមភូមិសរុប
 Total Number to Contracts 1373

សរុបចំនួនគ្រួសារ
 Total No. of Records 1402

លេខគ្រួសារគ្មានសំណង
 Number of Landless Household = 141

Disagreed PAPs 11 households: 11 records

Skipped at Bridge No.1: 22 records

No Compensation: 218 records

Report up to 16 January 2005

សរុបទាំងស្រុង
 Total Amount

Land Buy :	(13,766.47m2)	=
Land Rent :	(10,212.63m2)	=
Structures :		=
Digging well :	(12)	=
Pump well :	(46)	=
Grave :	(1)	=
Trees :	(3,638)	=
Dis. allow. :	(524)	=
Widow :	(116)	=
Disable :	(15)	=
Rese. allow. :	(317)	=
Income < 10\$:	(8)	=

Major Project Component

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**Minutes of Discussions
on the Preparatory Study II
on the Confirmation of Environmental and Social Considerations
of the Project for the Improvement of National Road No. 1
(Phnom Penh – Neak Loeung Section)
in the Kingdom of Cambodia
(The first field survey)**


In response to the request from the Government of the Kingdom of Cambodia (hereinafter referred to as “Cambodia”), the Government of Japan decided to conduct a Preparatory Study II on the Confirmation of Environmental and Social Considerations of the Project for the Improvement of National Road No. 1 (Phnom Penh – Neak Loueng Section) (hereinafter referred to as “the Project”) and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as “JICA”).

JICA sent to Cambodia the Preparatory Study Team (hereinafter referred to as “the Team”), headed by Mr. Hiroyuki Hayashi, an officer, Traffic Infrastructure Team, Project Management Group II of the Grant Aid Management Department, JICA, and is scheduled to stay in the country from January 23 to February 15, 2005.

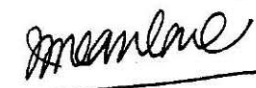
The Team held discussions with the concerned officials of the Government of Cambodia.

In the course of the discussions, both sides have confirmed the main items of described in the attached sheets.

Phnom Penh, January 27, 2005

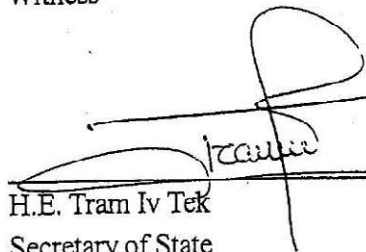


Hiroyuki Hayashi
Leader
Preparatory Study Team II
Japan International Cooperation Agency



H.E. Nhean Leng
Chairman
Inter-Ministerial Resettlement Committee
Under Secretary of State
Ministry of Economy and Finance

Witness



H.E. Tram Iv Tek
Secretary of State
Ministry of Public Works and Transport (MPWT)



ATTACHMENT

1. Purpose of the study

The purpose of the delegation of the Team is to support the Inter-Ministerial Resettlement Committee (IRC) to plan and carry out the proper procedures for the Environmental and Social Considerations (ESC) and/or resettlement issues for the Project in response to the request in the Minutes of Discussions for the Basic Design Study signed on October 28, 2004.

2. Grievance Committee

The Team suggested the Cambodian side that the structure and members of the Grievance Committee should be established for accepting and processing complaints from Project Affected Persons (PAPs). The Team requested the Cambodian side to take into consideration the following items;

- participation of a village elder (not a commune chief) in the Committee as committee members.
- to make PAPs aware of the function and lodging process of the Committee.

3. Review of the compensation items and unit prices

(1) The both sides reconfirmed that the Cambodian side should review the compensation items and unit prices and report its results in writing to the Japanese side before the end of August 2005. The Cambodian side agreed to review the compensation items and unit prices periodically afterward in a same manner.

(2) The Team requested the Cambodian side to include base on each unit price, such as Consumer Price Index, latest market prices and information from local authorities into the above-mentioned report.

4. Tentative schedule for the Detailed Measurement Survey (DMS) for phase 2 of the Project

(1) The Cambodian side requested the Japanese side to provide necessary drawings in March 2005 for conducting DMS for phase II.

(2) The Cambodian side will commence stakeholder meetings (public information campaign: PIC) before conducting DMS and inform the Japanese side through JICA Cambodia Office of the time schedule of the meetings in advance.

5. Schedule of the study

(1) The Team will proceed to further studies in Cambodia by February 15, 2005.

(2) JICA will dispatch the second field survey team to Cambodia around early March 2005.

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APPENDIX 5

COST ESTIMATION BORNE BY THE RORAL GOVERNMENT OF CAMBODIA

APPENDIX-5

5. COST ESTIMATION BORNE BY THE ROYAL GOVERNMENT OF CAMBODIA

1) COMPENSATION TO PAPs

No.	Station	Number of Affected Houses	Unit Price(US\$)	Cost(US\$)
1	0+300 – 2+000	188	1,000	188,000
2	2+000 – 13+000	695	1,000	695,000
3	13+000 – 14+000	55	1,000	55,000
4	14+000 – 22+000	422	1,000	422,000
5	22+000 – 54+760	792	1,000	792,000
Total		2,152		USD 2,152,000

* Numbers of affected house is counted base on the Drawing PRW 3 prepared by the Consultant and approved by JICA and IRC. The unit price is an approximate figure.

* Break down of Unit Price

1)	Wood wall house	42m2 x 12 USD =	504 USD
2)	Dig well	1no. x 50 USD =	50 USD
3)	Wood stand fence	70m x 0.76 USD =	53 USD
4)	Trees	1 L.S.	350 USD
Total			997 USD

Amounts of compensation for one householder are 997 USD \approx **1,000 USD**

2) RELOCATION OF POWER LINE

- High Voltage Line: 14km

No.	Item	Number	Unit Price(US\$)	Cost(US\$)
1	Relocation of metal pole	104nos.	1,500	156,000
2	Installation of new cable	1,000m	60	60,000
3	Relocation of cable	13,000m	30	390,000
Sub-Total				USD 606,000

- Low Voltage Line: 10km

No.	Item	Number	Unit Price(\$)	Cost(\$)
1	Relocation of metal pole	250nos.	400	100,000
2	Installation of new cable	1,000m	60	60,000
3	Relocation of cable	9,000m	30	270,000
Sub-Total				USD 430,000
Total				USD 1,036,000

* Unit Price is based on the Local Authority's quotation.

APPENDIX-5

3) RELOCATION OF FIBER OPTICAL CABLE

- Relocation Length: 55.5km

<u>No.</u>	<u>Item</u>	<u>Number</u>	<u>Unit Price(US\$)</u>	<u>Cost(US\$)</u>
1	Installation of new cable	1,000m	120	120,000
2	Relocation of cable	54,500m	45	2,452,500
Total				USD 2,572,500

* Unit Price is based on the Local Authority's quotation.

4) RELOCATION OF WATER PIPE

- Relocation Length: 2km

<u>No.</u>	<u>Item</u>	<u>Number</u>	<u>Unit Price(US\$)</u>	<u>Cost(US\$)</u>
1	Installation of new cable	2,000m	15	30,000
Total				USD 30,000

* Unit Price is based on the Local Authority's quotation.

APPENDIX 6

REFERENCES

LIST OF DATA COLLECTION

No.	Data Name	Type of Data Book/Video/Map/Photo etc.	Original/Copy	Publication Agency	Publication Date
1	CLIMATE DATA YEARBOOK 2002	Report	Original	Department of Meteorology (DOM), Ministry of Water Resources and Meteorology (MWRM)	June 2003
2	CLIMATE DATA YEARBOOK 2002 Part I	- do -	- do -	- do -	September 2003
3	Outline Report on the Dispersibility Study for the Fill Dams	- do -	- do -	International Commission on Large Dams (ICOLD)	-
4	Emergency Flood Rehabilitation Project Loan 1924-CAM (SF), PREK THNOT FLOOD RELIEF CHANNEL	- do -	- do -	MWRM, Mott MacDonald Ltd.	September 2001
5	Second Five-year Socio-economic Development Plan 2001-2005	- do -	- do -	Ministry of Industry (MOI)	July 2002
6	Public Investment Planning and Road Maintenance Program	- do -	- do -	Ministry of Public Works and Transport (MPWT)	1999
7	BENEFIT MONITORING AND EVALUATION REPORT	- do -	- do -	MPWT	March 2002
8	Topographic Maps (Scale:1/100,000)	Map	- do -	- do -	1997
9	Rainfall Data (1990-2001)	Electric Data	Copies	DOM, MWRM	1990 - 2001
10	Water Level Data of the Mekong River (1960's to 2002)	- do -	- do -	Mekong River Commission (MRC)	-
11	STRENGTHENING THE MAINTENANCE PLANNING AND MANAGEMENT CAPABILITIES AT MPWT	Report	Original	MPWT	March 2002
12	LABOUR LAW	Book	- do -	Ministry of Social Affairs, Labour and Veteran Affairs	-
13	ROAD DESIGN STANDARD	- do -	- do -	MPWT	2003
14	BRIDGE DESIGN STANDARD	- do -	- do -	- do -	2003
15	CONSTRUCTION SPECIFICATION	- do -	- do -	- do -	2003
16	Contract S-111 R11B, Rehabilitation of National Road RN11 From KM 83.8 to KM 133.1	Report	- do -	- do -	May 2002
17	DRAWINGS for CONTRACT S-113 R21	- do -	- do -	- do -	February 2002
18	Asian Highway (AH) Classification and Design Standards	- do -	- do -	Economic & Social Commission for Asia & the Pacific, the United Nations (UN)	-