

ANNEXES FOR MASTER PLAN







ANNEX M-2







**ROAD & BRIDGE INVENTORY ON STUDY
AREA NETWORK**

ANNEX M-2 ROAD AND BRIDGE INVENTORY ON STUDY AREA NETWORK

(1) Typical Cross Section by Road

					
1) No. 1G	89.6 – 92.0km (from No.9)		2) No. 1G	119.9 – 125.0km (from No.9)	
W=2.5m	Earth	Roughness: D	W=4.0m	Gravel	Roughness: C
					
3) No. 1H	0.0 – 8.4km (from No.15)		4) No. 1H	22.0 – 29.4km (from No.15)	
W=7.0m	Paved	Roughness: B-C	W=5.5m	Earth	Roughness: B-C
					
5) No. 1J	0.0 – 0.6km (from No.18B)		6) No. 1J	0.6 – 5.0km (from No.18B)	
W=3.5m	Gravel	Roughness: C	W=4.2m	Gravel	Roughness: C

					
7) No. 14A	32.6 – 36.1km (from No.16)		8) No. 14A	82.5 – 87.2km (from No.16)	
W=5.8m	Paved	Roughness: B	W=2.5m	Earth	Roughness: D
					
9) No. 14B	5.6 – 9.7km (from No.16)		10) No. 14B	75.5 – 76.6km (from No.16)	
W=10.0m	Earth	Roughness: B	W=3.2m	Earth (Silt)	Roughness: C-D
					
11) No. 14C	0.0 – 3.5km (from No.13S)		12) No. 14C	29.0 – 32.4km (from No.13S)	
W=8.7m	Gravel	Roughness: B	W=4.0m	Earth	Roughness: C

					
13) No. 15	5.7 – 11.1km (from No.13S)		14) No. 15	5.0 – 10.0km (from Ban Phone Dou)	
W=4.7m	Gravel	Roughness: C	W=4.2m	Gravel	Roughness: B
					
15) No. 16A	10.3 – 12.4km (from No.1I)		16) No. 16A	41.9 – 53.2km (from No.1I)	
W=2.5m	Gravel	Roughness: D	W=5.0m	Gravel	Roughness: B
					
17) No. 18A	17.7 – 19.7km (from No.13S)		18) No. 18A	70.3 – 71.2km (from No.13S)	
W=5.5m	Gravel	Roughness: C	W=4.0m	Earth	Roughness: D

(2) Road Inventory

Road No. 1G : Road No.9 Jct. - Road No.15 Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No.9 Jct.	0.0	Xe Chold Br.	0.4	0.4	E	5.0	P	B	F	G	C	-	R	12	
2	Xe Chold Br.	0.4	End of Pavement	1.1	0.7	E	5.0	P	C	F	G	C	-	R	12	
3	End of Pavement	1.1	Unknown Br.	1.6	0.5	F	6.0	E	B	F	-	-	-	Fi	12	Improved by Lao Gov. Laterite surface.
4	Unknown Br.	1.6		5.4	3.8	E	6.0	E	B	F	G	C	-	Fi	12	ditto
5		5.4	Unknown Br.	5.9	0.5	C	6.0	E	B	M/R	G	C	-	Fo	12	ditto
6	Unknown Br.	5.9		8.0	2.1	C	6.0	E	B	M	G	C	-	Fo	12	ditto
7		8.0	Xe Bang Hieng Br.	35.0	27.0	F	6.0	E	B	R	-	-	-	Fi/Fo	12	Improved by Lao Gov. Laterite surface. No village in this section.
8	Xe Bang Hieng Br.	35.0	Savanakhet/Saravan Border	67.0	32.0	-	4.0	G	D	M	-	-	-	-	12	Data is quoted from RIRDP Report.
9	Savanakhet/Saravan Border	67.0		85.0	18.0	-	3.0	E	D	R	-	-	-	-	4	
10		85.0	Unknown River	89.6	4.6	F	2.1	E	D	F	-	-	-	O/R		

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
11	Unknown River	89.6	Xe Kathet River	92.0	2.4	F	2.5	E	D	F	-	-	-	O/R		
12	Xe Kathet River	92.0	Huay Deng River	96.9	4.9	F	2.8	E	C	F	-	-	-	O		
13	Huay Deng River	96.9	Huay Lek River	100.6	3.7	F	3.2	G	C	F	-	-	-	O		
14	Huay Lek River	100.6		104.5	3.9	E	3.6	G	C	F	E	C	-	O		
15		104.5		110.1	5.6	E	2.7- 3.6	G	C	F	E	C	-	O		
16		110.1		110.8	0.7	F	2.9	G	C	F	-	-	-	O		
17		110.8		113.0	2.2	F	5.0	G	C	F	-	-	-	O/R		
18		113.0	Huay Gngang River	114.0	1.0	E	3.2	G	C	F	E	C	-	O		
19	Huay Gngang River	114.0		116.8	2.8	E	3.3- 4.0	G	C	F	E	C	-	O		
20		116.8	Kout Seng River	117.6	0.8	F	3.2	G	C	F	-	-	-	O/R		
21	Kout Seng River	117.6	Xe Dong River	119.9	2.3	F	4.0	G	C	F	-	-	-	O		
22	Xe Dong River	119.9		125.0	5.1	F	4.0	G	C	F	-	-	-	F/O/R		
23		125.0	Road No. 15 Jct	130.0	5.0	F	4.7	G	C	F	-	-	-	O		

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 1H : Road No. 15 Jct. - Road No. 16Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Garss, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No.15 Jct.	0	No1Bridge	8.4	8.4	E	7.0	P	B-C	F	G	B	-	Fi/R	12	Partially pot holes
2	No1Bridge	8.4	No2Bridge	9.7	1.3	E	7.0	P	B	F	G	B	-	Fi/R	12	Paddy Field, Banana, Suger Cane
3	No2Bridge	9.7	No3Bridge	10.2	0.5	E	7.0	P	B	F	G	B	-	Fi/R	12	ditto
4	No3Bridge	10.2	No4Bridge	10.7	0.5	E	7.0	P	B	F	G	B	-	Fi/R	12	ditto
5	No4Bridge	10.2	No5Bridge	12.1	1.9	E	7.0	P	B	F	G	B	-	Fi/R	12	ditto
6	No5Bridge	12.1	Road 20 Jct.	22.0	9.9	E	7.0	P	B	F	G	B	-	Fi/R	12	ditto
7	Road 20 Jct.	22.0	Border of Sekong Pro.	29.4	7.4	C	5.5	E	B-C	F	E	B	C	Fi/R	12	Maitenance work has just completed.
8	Border of Sekong Pro.	29.4		32.6	3.2	C	4.6	E	B-C	R	-	-	C	Fi	12	Coffee
9		32.6		39.7	7.1	C	6.0	E	C	R	-	-	D	Fi	12	ditto
10		39.7	Road No. 16 Jct.	41.6	1.9	E	7.0	P	B	R	G	C	-	Fi	12	

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 1J : Road No. 18B Jct. - Cambodia Border

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Ferry	0.0	Hong Wat Pa Br.	0.6	0.6	F	3.5	G	C	F	-	-	-	O	11.5	
2	Hong Wat Pa Br.	0.6		5.0	4.4	F	4.2	G	C	F	-	-	-	O	11.5	
3		5.0	Huay Khone Ke Br.	9.9	4.9	F	3.7	G	C	F	-	-	-	O	12	
4	Huay Khone Ke Br.	9.9	Huay Fang Lao Br.	10.8	0.9	F	3.5	G	C	F	-	-	-	O	12	
5	Huay Fang Lao Br.	10.8		15.0	4.2	F	3.5	G	C	F	-	-	-	O	12	
6		15.0		16.0	1.0	F	3.5	G	C	F	-	-	-	O	12	
7		16.0	Cambodia Border	81.0	65.0	-	1.0	E	E	R	-	-	-	-	0	Data is quoted from RIRDP Report.
8																
9																
10																

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 14A : Road No. 16 Jct. - Cambodia Border

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks	
	Name	Km Post	Name	Km Post													
1	Road No. 16 Jct. /Phone Thong Dist.	0.0	Mekong River Ferry Station Jct.	25.0													New road construction is proposed.
2	Mekong River Ferry Station Jct.	25.0	Huay Phabang Br.	29.5	4.5	F	7.9	P	A	F	-	-	Gr/-	R	12		
3	Huay Phabang Br.	29.5	Huay Saha Br.	32.6	3.1	E	7.9	P	A	F	Gr	C	Gr/-	Fi	12		
4	Huay Saha Br.	32.6	Jct. With Wat-Phu Rd.	36.1	3.5	E/F	5.8	P	B	F	Gr/-	C	Gr/-	Fi/R	12		
5	Jct. With Wat-Phu Rd.	36.1	Wat-Phu	38.8	2.7	F	5.0	P	B	F	-	-	Ea/-	Fi/R	12		
6	Jct. With Wat-Phu Rd.	36.1	Huay Thateng Br.	42.0	5.9	F	9.0	G	C	F	-	-	Ea/-	Fi/R	12		
7	Huay Thateng Br.	42.0	Jct. With 14A1	43.9	1.9	F	9.0	G	C-D	F	-	-	-	Fi	12		
8	Jct. With 14A1	43.9	Huay Manpa Br.	47.1	3.2	E/F	9.0	G	C-D	F	Gr	D	Ea/-	Fi/R	12		
9	Huay Manpa Br.	47.1	End of Gravel Road	63.0	15.9	F	7.0- 9.0	G	C-D	F	-	-	Ea/-	Fi/R	12		
10	End of Gravel Road	63.0	Huay Khamuan River	66.5	3.5	F	8.4	E	D	F	-	-	-	Fi/R	6		
11	Huay Khamuan River	66.5	Jct. With District Road	82.5	16.0	-	4.0	E	D	F	-	-	-	-	6		Data is quoted from RIRDP Report.
12	Jct. With District Road	82.5	Unknown River	87.2	4.7	F	2.5	E	D	F	-	-	-	Fo	4		
13	Unknown River	87.2	Jct. With 14C	103.2	16.0	F	2.5	E	D	F	-	-	-	Fo	4		
14	Jct. With 14C	103.2		103.6	0.4	E	5.0	G	B-C	F	-	D	Ea	Fo	12		
15		103.6	M. Moonlapamok	105.7	2.1	E/F	8.7	G	B-C	F	-	C	Ea/-	R	12		
16	M. Moonlapamok	105.7	B. Pa Oi Br.	106.3	0.6	F	4.0	E	C	F	-	-	Ea	R	12		
17	B. Pa Oi Br.	106.3	B. Xanon Br.	108.0	1.7	F	4.0	E	D	F	-	-	Ea	Fi/R	12		
18	B. Xanon Br.	108.0	Cambodia Bdr.	140.7	32.7	-	-	-	-	-	-	-	-	-	-		Only Rd. length is available from DCTPC.

Surface Condition
A: Very good
B: Good

C: Fair
D: Bad
E: Very bad

Road No. 14A1 : Ban Dontalath Jct. - Road No. 14B Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Garss, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Ban Dontalath Jct.	0.0	Huay Tamyé Br.	9.0	9.0	F	7.4	G	C-D	F	-	-	Ea/-	R/Fi	12	
2	Huay Tamyé Br.	9.0	Huay Nongcharerun Br.	11.4	2.4	F	4.5	G	C-D	F	-	-	Ea/-	Fi	12	
3	Huay Nongcharerun Br.	11.4	Unknown Br.	14.2	2.8	F	6.8	G	C-D	F	-	-	-	R/Fi	12	
4	Unknown Br.	14.2	Huay Nangho Br.	15.8	1.6	F	5.0	G	C	F	-	-	Ea/-	R/Fi	12	
5	Huay Nangho Br.	15.8	Huay Kamuan Br.	17.6	1.8	F	4.2	G	C-D	F	-	-	Ea/-	R/Fi	12	
6	Huay Kamuan Br.	17.6	Unknown Br.	22.6	5.0	F	4.0-8.4	G	C-D	F	-	-	Ea/-	R/Fi	12	Original width (4.0m) is expanded to 8.4m due to traffic.
7	Unknown Br.	22.6	Unknown Br.	23.2	0.6	F	8.0	G	C-D	F	-	-	-	R/Fi	12	
8	Unknown Br.	23.2	Huay Thamixay Br.	27.3	4.1	F	5.0	G	C-D	F	Gr	D	Ea/-	R/Fi	12	
9	Huay Thamixay Br.	27.3	Jct. With 14B /Ban Angkham	33.0	5.7	F	5.2	G	C-D	F	-	-	Ea/-	R/Fi	12	

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 14B : Road No. 16 Jct. - Cambodia Border

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No.16 Jct.	0.0	Unknown Br.	5.6	5.6	F	9.5	E	B	F	-	-	Ea/-	Fi/R	12	Improved by Lao Gov.
2	Unknown Br.	5.6	Unknown Br.	9.7	4.1	F	10.0	E	B	F	-	-	Ea/-	Fi/R	12	ditto
3	Unknown Br.	9.7	Jct. With 14A1	11.2	1.5	E/F	10.0	E	B	F	-	D	Ea/-	Fi/R	12	ditto
4	Jct. With 14A1	11.2	Unknown Br.	14.8	3.6	E/F	11.3	E	C	R	-	D	-	Fo	12	ditto
5	Unknown Br.	14.8	Unknown Br.	16.0	1.2	F	11.0	E	C-D	R	-	-	-	Fo/R	12	ditto
6	Unknown Br.	16.0	Unknown Br.	18.7	2.7	F	4.8- 10.0	E	C-D	F	Gr	D	Ea/-	Fi/Fo	12	
7	Unknown Br.	18.7	Unknown Drift	20.5	1.8	F	5.6	E	C-D	F	-	-	Ea/-	Fo/R	12	
8	Unknown Drift	20.5	Unknown Drift	21.4	0.9	F	5.6	E	D	F	-	-	-	Fo	12	
9	Unknown Drift	21.4	Unknown Drift	21.8	0.4	F	6.0	E	C	R	-	-	-	Fo	12	Road side is eroded.
10	Unknown Drift	21.8	Unknown Drift	22.0	0.2	F	5.2	E	D	F	-	-	-	Fo	12	ditto
11	Unknown Drift	22.0	Unknown Drift	22.1	0.1	F	6.4	E	D	R	-	-	-	Fo	12	ditto
12	Unknown Drift	22.1	Ban Phong Photh /Jct With 14C2	24.6	2.5	E/F	6.5	E	C-D	F	-	-	Ea/-	Fi/Fo	12	
13	Ban Phong Photh /Jct With 14C2	24.6	Huay Khala Br.	28.2	3.6	F	6.0	E	C	F	-	-	Ea	Fi/Fo	12	
14	Huay Khala Br.	28.2	Unknown Br.	31.2	3.0	F	6.7	E	C	F	-	D	Ea/-	Fi/Fo/R	12	
15	Unknown Br.	31.2	Unknown Br.	37.5	6.3	F	6.2	E	C-D	F	-	-	Ea/-	Fi/Fo	12	
16	Unknown Br.	37.5	Unknown Br.	38.3	0.8	F	4.2	E	C	R	-	-	-	Fo/R	12	

Surface Condition
A: Very good C: Fair
B: Good D: Bad
 E: Very bad

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
17	Unknown Br.	38.3	Huay Pheng River	45.1	6.8	F	4.0-6.3	E	C	F/R	-	-	Ea/-	Fi/Fo/R	12	
18	Huay Pheng River	45.1	Unknown Br.	47.9	2.8	F	4.8-6.4	E	C	F/R	-	-	-	Fo	12	
19	Unknown Br.	47.9	Ban Hieng /Jct With 14C1	52.5	4.6	F	5.1	E	C	F/R	-	-	Ea/-	Fi/Fo/R	12	
20	Ban Hieng /Jct With 14C1	52.5	Huay Hiang River	53.1	0.6	F	6.2	E	C	F	-	-	Ea	R	12	
21	Huay Hiang River	53.1	Detour	53.8	0.7	F	4.0	E	C	F	-	-	-	R	12	
22	Detour	53.8		64.0	10.2	F	5.5	E	C-D	F	-	-	-	Fi	12	
23		64.0		72.4	8.4	F	4.2	E	C-D	F	-	-	-	Fo/R	12	
24		72.4		75.5	3.1	F	12.0	E	B	F	-	-	Ea	Fo	12	Improved by Lao Gov.
25		75.5	Detour (Begin)	76.6	1.1	F	3.2	E (Silt)	C-D	F	-	-	-	Fo	12	
26	Detour (Begin)	76.6	Detour (End)	78.8	2.2	F	1.8	E (Silt)	C-D	F	-	-	-	Fo	12	Mines are in main road.
27	Detour (End)	78.8		82.7	3.9	F	2.8	E (Silt)	C-D	R	-	-	-	Fo	12	
28		82.7	Huay Shy Village (Begin)	84.3	1.6	F	3.6	E (Silt)	C	F	-	-	-	Fo	12	
29	Huay Shy Village (Begin)	84.3	Huay Shy Village (End)	85.0	0.7	F	3.1	E (Silt)	D	F	-	-	-	R	12	Passing in the village.
30	Huay Shy Village (End) & Detour Begin	85.0		89.1	4.1	F	4.5	E (Silt)	C	F/R	-	-	-	Fo	12	
31		89.1	Detour End	95.2	6.1	F	3.1	E (Silt)	C-D	F	-	-	-	Fi	12	Mines are in main road.
32	Detour End	95.2	Ban Nong Nga /Jct With 14C	95.6	0.4	F	7.5	E	C	F	-	-	-	R	12	
33	Ban Nong Nga /Jct With 14C	95.6	Cambodia Border	136.6	41.0	-	4.0	E	D	F	-	-	-	-	6	Data is quoted from RIRD Report

Surface Type
A: Very good
B: Good

C: Fair
D: Bad
E: Very bad

Road No. 14C : Road No. 14A Jct. - Ban Nong Nga

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Jct with 14A	0.0	Huay Kadean Br.	3.5	3.5	E	5.0	G	C-D	F	-	D	Ea/-	Fo	12	
2	Huay Kadean Br.	3.5	Hongpai Br.	9.4	5.9	E/F	6.7	G	C-D	F	-	D	Ea/-	Fi/R	12	
3	Hongpai Br.	9.4		9.9	0.5	E	3.4	E	D	F	-	C	-	Fo	12	
4		9.9		15.2	5.3	E/F	11.0	E	C-D	F	-	D	Ea/-	Fi/Fo/R	12	Improved by Lao Gov.
5		15.2	Hong Somhoong Br.	18.6	3.4	E/F	3.5	E	C-D	F	-	D	-	Fo	12	
6	Hong Somhoong Br.	18.6	Jct with District Road	20.2	1.6	E/F	5.2	E	D	F	-	C	-	Fi/Fo	12	
7	Jct with District Road	20.2	Huay Kadankhak Br.	22.1	1.9	F	4.8	E	C	F	-	-	-	Fi/R	12	
8	Huay Kadankhak Br.	22.1	Huay Kadankang Br.	25.5	3.4	F	4.0	E	C	F	-	-	-	Fo	12	
9	Huay Kadankang Br.	25.5	Huay Kadannai Br.	25.6	0.1	E	4.0	E	C	F	-	D	-	Fo	12	
10	Huay Kadannai Br.	25.6		34.6	9.0	E	4.0	E	C-D	F	-	D	-	Fo	12	
11		34.6	Huay Dan Br.	37.2	2.6	F	11.0	E	B	F	-	-	-	Fo	12	Improved by Lao Gov.
12	Huay Dan Br.	37.2	Huay Chai Br.	38.9	1.7	F	11.0	E	B	F	-	-	-	Fo	12	ditto
13	Huay Chai Br.	38.9	Ban Nong Nga /Jct with 14B	39.5	0.6	F	11.0	E	B	F	-	-	Ea	Fo/R	12	ditto

Surface Condition C: Fair
A: Very good D: Bad
B: Good E: Very bad

Road No. 14C1 : Ban Hieng - Ban Sam Kha

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Ban Hieng/Jct with 14B	0.0	Huay Shang Borlang Br.	9.4	9.4	E/F	10.5	E	B-C	F	-	C-D	Ea/-	Fo/R	12	Improved by Lao Gov.
2	Huay Shang Br.	9.4	Huay Kangoune Br.	18.6	9.2	E/F	11.5	E	B	F	-	D	Ea/-	Fo	12	ditto
3	Huay Kangoune Br.	18.6	Ban Sam Kha /Jct with 14A	22.9	4.3	E/F	11.5	E	B	F	-	D	Ea/-	Fo/R	12	ditto

Road No. 14C2 : Ban Nong Te - Bang Phong Photh

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Ban Nong Te /Jct with 14A	0.0	Huay Yang River	2.6	2.6	E	14.0	E	B-C	F	-	D	Ea/-	Fi/R	12	Improved by Lao Gov.
2	Huay Yang River	2.6	Ban Phong Photh /Jct with 14B	6.0	3.4	E	14.0	E	B-C	F	-	C-D	Ea	Fi/R	12	ditto

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 15 (1) : Road No. 13S - P. Saravan

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No. 13S Jct.	0.0	Huay Xuek Br.	5.2	5.2	F	4.2	G	C	F	-	-	-	O	12	
2	Huay Xuek Br.	5.2	Huay Sim Br.	5.7	0.5	F	4.9	G	C	F	-	-	-	O	12	
3	Hong Sim Br.	5.7	M. Vapy Kao Br.	11.1	5.4	F	4.7	G	C	F	-	-	-	O/R	12	
4	M.Vapy Kao Br.	11.1	Huay Kode Br.	14.1	3.0	F	5.3	G	C	F	-	-	-	O	12	
5	Huay Kode Br.	14.1	Ban Bang Kha Br.	15.6	1.5	F	5.2	G	C	F	-	-	-	O	12	
6	Ban Bang Kha Br.	15.6	Huay Sphad Br.	20.9	5.3	F	4.9	G	C	F	-	-	-	O	12	
7	Huay Sphad Br.	20.9	Xe Don Br.	27.0	6.1	F	4.7	G	C	F	-	-	-	O	12	
8	Xe Don Br.	27.0		33.3	6.3	F	6.9	G	C	F	-	-	-	O/R	12	
9		33.3	Huay Tapoung 2 Br.	37.0	3.7	F	4.7	G	C	F	-	-	-	O	12	
10	Huay Tapoung 2 Br.	37.0	Huay Pa Lai Br.	40.6	3.6	F	4.1	G	C	F	-	-	-	O	12	
11	Huay Pa Lai Br.	40.6	Set Buengkham Br.	41.6	1.0	F	4.7	G	C	F	-	-	-	O	12	
12	Set Buengkham Br.	41.6	Huay Thongkham Br.	49.0	7.4	F	5.5	G	C	F	-	-	-	O	12	
13	Huay Thongkham Br.	49.0	Hong Nongkan Br.	51.0	2.0	F	6.3	G	C	F	-	-	-	O	12	
14	Hong Nongkan Br.	51.0	Ban Tong Br.	57.6	6.6	F	4.5	G	C	F	-	-	-	O/R	12	
15	Ban Tong Br.	57.6		60.2	2.6	F	5.4	G	C	F	-	-	-	O	12	
16		60.2	Huay Soung Br.	63.2	3.0	F	5.5	G	C	F	-	-	-	O	12	
17	Huay Soung Br.	63.2	Sa Phuet Br.	68.5	5.3	F	5.5	G	C	F	-	-	-	O/R	12	
18	Sa Phuet Br.	68.5	Xe Nod Br.	71.3	2.8	F	5.5	G	C	F	-	-	-	O	12	
19	Xe Nod Br.	71.3	P. Saravan /Jct with 20	74.2	2.9	F	5.5	G	C	F	-	-	-	O	12	

Surface Condition
A: Very good
B: Good

C: Fair
D: Bad
E: Very bad

Road No. 15 (2) : Ban Phone Dou Jct. - Vietnam Border

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Garss, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Ban Phone Dou Jct.	0.0		5.0	5.0	F	5.5	G	B	F	-	-	-	O	12	
2		5.0		10.0	5.0	F	4.2	G	B	F	-	-	-	O	1	
3		10.0		15.0	5.0	F	3.7	G	B	F	-	-	-	O	2	
4		15.0		20.0	5.0	F	3.9	G	B	F	-	-	-	O	12	
5		20.0		25.0	5.0	F	4.0	G	C	F	-	-	-	O	12	
6		25.0		30.0	5.0	F	4.5	G	C	R	-	-	-	O	12	
7		30.0		35.0	5.0	F	4.7	G	C	R	-	-	-	O	12	
8		35.0		40.0	5.0	F	4.0	G	C	R	-	-	-	O/R	12	
9		40.0		45.0	5.0	F	3.8	G	C	R	-	-	-	O	12	
10		45.0		50.0	5.0	F	4.0	G	C	R	-	-	-	O	12	
11		50.0	Vietnam Bdr.	165.0	115.0	-	5.0	E	D	M	-	-	-	-	6	Data is quoted from RIRDP Report.

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 16 : Road No. 11 Jct. - Vietnam Border

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No. 11 Jct.	0.0		1.6	1.6	-	7.0	P	A	F	-	-	-	-	12	Data is quoted from RIRDP Report.
2		1.6		36.6	35.0	-	5.0	G	D	R	-	-	-	-	12	
3		36.6	Vietnam Border	122.6	86.0	-	5.0	E	D	M	-	^	-	-	6	

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 16A : Road No. 11 Jct. - Road No. 16 Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Garss, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No. 11 Jct.	0.0		3.0	3.0	F	5.0	G	C	F	-	-	-	O	12	
2		3.0		5.0	2.0	F	2.5	G	C	R	-	-	-	O	12	
3		5.0		10.3	5.3	C/E	3.1	G	C	R	E	C	-	O	12	
4		10.3	Br.	12.4	2.1	C/E	2.5	G	D	M	E	C	-	O	12	
5	Br.	12.4		16.3	3.9	C/E	3.5	G	C	M	E	C	-	O	12	
6		16.3		20.0	3.7	E/C	3.5	G	C	M	E	C	-	O	12	
7		20.0	Br.	26.2	6.2	E/C	3.5	G	C	M	E	C	-	O	12	
8	Br.	26.2		31.3	5.1	E/C	3.9	G	B	M	E	C	-	O	12	
9		31.3		35.0	3.7	F	4.7	G	B	R	-	-	-	O	12	
10		35.0		41.9	6.9	F	6.0	G	B	R	-	-	-	O	12	
11		41.9	Br.	53.2	11.3	F	5.0	G	B	F	-	-	-	O	12	
12	Br.	53.2		56.5	3.3	F	6.0	G	C	F	-	-	-	O	12	

Surface Condition
A: Very good
B: Good
C: Fair
D: Bad
E: Very bad

Road No. 18A : Road No. 13S Jct. - Road No. 11 Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	Road No. 13S Jct.	0.0		3.0	3.0	F	5.2	G	C	F	-	-	-	O	12	
2		3.0	Huay Lek Br.	11.6	8.6	F	7.7	G	C	F	-	-	-	O	12	
3	Huay Lek Br.	11.6	Huay Hong Xeng Br.	17.7	6.1	F	8	G	C	F	-	-	-	O	12	
4	Huay Hong Xeng Br.	17.7	River	19.7	2.0	F	5.5	G	C	F	-	-	-	O	12	
5	River	19.7	Hong Hin River	25.7	6.0	F	4	G	C	R	-	-	-	O	12	
6	Hong Hin River	25.7	Xe Kham Pho River (Boundary)	30.6	4.9	F	3.5	G	C	R	-	-	-	O	12	
7	Xe Kham Pho River (Boundary).	30.6		33.0	2.4	F	2.6	G	D	R	-	-	-	O	12	
8		33.0	Huay Chan To River	39.7	6.7	F	3	E	D	R	-	-	-	O	12	
																No Br. section 40-70km
9	Xe Plane River	70.3		71.2	0.9	F	4	E	D	F	-	-	-	O	12	
10		71.2	Huay Pi Br.	74.9	3.7	F	4.2	E	D	F	-	-	-	O	12	
11	Huay Pin Br.	74.9	Hong Khen Br.	75.6	0.7	F	4.0	G	C	F	-	-	-	O	12	
12	Hong Khen Br.	75.6		80.6	5.0	F	4.0	G	C	F	-	-	-	O	12	

Surface Condition C: Fair
A: Very good D: Bad
B: Good E: Very bad

Road No. 18A : Road No. 13S Jct. - Road No. 11 Jct.

No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
13		80.6	Huay Kan Chan Br.	81.2	0.6	F	4.2	G	C	F	-	-	-	O	12	
14	Huay Kan Chan Br.	81.2		83.4	2.2	F	4.2	G	C	F	-	-	-	O	12	
15		83.4		87.4	4.0	F	5.5	G	C	F	-	-	-	O	12	
16		87.4	Don Phai Br.	90.4	3.0	F	4.5	G	C	F	-	-	-	O	12	
17	Don Phai Br.	90.4	Huay Lang Br.	96.0	5.6	F	4.0	G	C	F	-	-	-	O	12	
18	Huay Lang Br.	96.0	Huay Lkhang Br.	97.1	1.1	F	4.3	G	C	F	-	-	-	O	12	
19	Huay Lkhang Br.	97.1	Huay Oth Br.	99.2	2.1	F	5.0	G	C	F	-	-	-	F/O	12	
20	Huay Oth Br.	99.2	Huay Phay Br.	100.8	1.6	F	4.8	G	C	F	-	-	-	O	12	
21	Huay Phay Br.	100.8	B. Somsanouk Br.	105.0	4.2	F	6.7	G	C	F	-	-	-	O	12	
22	B. Somsanouk Br.	105.0	Huay Beb Nhai Br.	105.1	0.1	F	6.7	G	C	F	-	-	-	O	12	
23	Huay Beb Nhai Br.	105.1	Huay Bok Br.	107.1	2.0	F	5.5	G	C	F	-	-	-	O	12	
24	Huay Bok Br.	107.1	Huay Phak Nam Br.	111.7	4.6	F	5.0	G	C	F	-	-	-	O	12	
25	Huay Phak Nam Br.	111.7	Jct with 11	112.5	0.8	F	5.5	G	C	F	-	-	-	O	12	

Surface Condition C: Fair
A: Very good D: Bad
B: Good E: Very bad

Road No. 18B : Road No. 18A Jct. - Vietnam Border



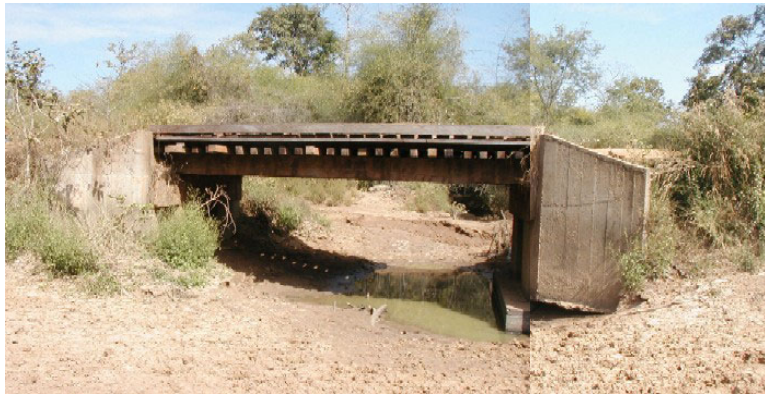


No.	From		To		Length (km)	Road Structure (Cut or Embankment)	Road Width (m)	Surface Type (Paved, Gravel, or Earth)	Surface Conditions	Terrain (F, R, or M)	Slope Protection (Earth, Grass, Structure, Others)	Slope Conditions	Drainage Conditions	Roadside Conditions (Residence, Field, Forest, Others)	Possibility of Roads (months)	Remarks
	Name	Km Post	Name	Km Post												
1	M. Samakkhixai /Jct with 18A	0.0		9.9	9.9	-	6.0	G	C	F	-	-	-	-	12	Data is quoted from RIRDP Report.
2		9.9		36.9	27.0	-	5.0	G	C	F	-	-	-	-	12	
3		36.9		90.0	53.1	-	5.0	E	D	M	-	-	-	-	6	
4		90.0	Vietnam Border	123.0	33.0	-	6.0	E	D	M	-	-	-	-	6	



Surface Condition

A: Very good
B: Good

C: Fair
D: Bad
E: Very bad

(3) Bridge Type

			
1)-1 Bailey Type		Unknown	
Road No. 1H	10.2km (from No. 15)		
L=30.0m	W=4.0m		
		1)-2	
			
2) Timber Type		Hongpai Bridge	
Road No. 14C	3.5km (from No. 14A)		
L=6.6m	W=3.4m		
			
3) Concrete Slab		Unknown	
Road No. 14A1	10.4km (from No. 14B.)		
L=5.5m	W=3.7m		
		4) Drift	Xe Don Bridge
		Road No. 15	27.0km (from No.13S)
		L=60.0m	W=6.0m

			
7) Steel I-Girder	Unknown	8) Ferry	Mekong River
Road No. 16A	26.2km (from No. 11)	Road No.	
L=24.5m	W=6.6m		

(4) Bridge Inventory

Road No. 1G : Road No.9 Jct. - Road No.15 Jct.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Xe Chold	0.4	M. Phine	55.0	2	5.0	Bailey	D		12	60	Damaged floor
2	Unknown	1.6	Ditto	27.5	1	5.0	Bailey	C		12	15	
3	Unknown	5.9	Ditto	21.0	1	5.0	Bailey	C		12	20	Timber floor
4	Xe Bang Hieng	35.0	Ditto	destroyed	5	5.0	destroyed	destroyed		0	over 200m	
5	Unknown	72.7		10.0	1	3.0	Con. Slab					Quoted from previous study.
6	Unknown	72.9		10.0	1	3.0	Con. Slab					Quoted from previous study.
7	Hong Houat River	85.6	Toum Lan							9	20	
8	Hong Hin Lat	88.0	Ditto	destroyed			destroyed	destroyed		9	40	
9	Unknown	89.6	Ditto	destroyed			destroyed	destroyed		9	20	
10	Xe Kathet	92.0	Ditto	destroyed			destroyed	destroyed		9	40	Original length = 61m
11	Unknown	92.6	Ditto	5.6	1	3.6	Timber	C		12		
12	Unknown	93.1	Ditto	12.0	2	3.6	Timber	C		12		

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
13	Unknown	93.4	Ditto	17.6	3	3.2	Timber	C		12		
14	Unknown	93.9	Ditto	destroyed			destroyed	destroyed		9	20	Original length = 15m
15	Huay Deng	96.9	Ditto	destroyed			destroyed	destroyed		9	30	Original length = 37m
16	Unknown	97.9	Ditto	destroyed			destroyed	destroyed		9	20	Original length = 17m
17	Unknown	99.3	Ditto	16.0	3	3.7	Timber	C		12		
18	Huay Lek	100.6	Ditto	destroyed			destroyed	destroyed		9	30	
19	Huay Na Ngou	100.8	Ditto	destroyed			destroyed	destroyed		9	20	
20	Huay Kha	101.3	Ditto	destroyed			destroyed	destroyed		9	20	
21	Huay Pong	102.7	Ditto	destroyed			destroyed	destroyed		9	20	
22	Huay Xoum	103.1	Ditto	destroyed			destroyed	destroyed		9	20	
23	Unknown	104.7	Ditto	17.6	3	3.5	Timber	C		12		
24	Unknown	104.9	Ditto	17.5	3	3.2	Timber	C		12		
25	Unknown	106.1	District Boundary	34.0	5	3.7	Timber	C		12		
26	Unknown	106.7	Saravan	17.0	3	3.5	Timber	C		12		
27	Unknown	106.9	Ditto	18.2	3	3.5	Timber	C		12		

Condition
A: Very good
B: Good
C: Fair
D: Damaged
E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
28	Unknown	107.2	Ditto	17.6	3	3.8	Timber	C		12		
29	Unknown	107.3	Ditto	16.7	3	3.8	Timber	C		12		
30	Unknown	107.9	Ditto	25.0	5	3.5	Timber	C		12		
31	Unknown	108.3	Ditto	31.5	4	3.5	Timber	C		12		
32	Unknown	109.1	Ditto	21.8	5	3.7	Timber	C		12		
33	Unknown	110.1	Ditto	28.1	5	3.6	Timber	C		12		
34	Unknown	113.3	Ditto	16.6	3	3.4	Timber	C		12		
35	Unknown	113.4	Ditto	17.0	3	3.4	Timber	C		12		
36	Huay Gngang	114.0	Ditto	destroyed			destroyed	destroyed		3	56	
37	Unknown	114.9	Ditto	18.0	4	4.0	Timber	C		12		
38	Unknown	115.2	Ditto	21.0	4	3.9	Timber	C		12		
39	Unknown	116.8	Ditto	14.4	3	3.7	Timber	C		12		
40	Kout Seng	117.6	Ditto	destroyed			destroyed	destroyed		9	36	Original length = 60m
41	Xe Don	119.9	Ditto	destroyed			destroyed	destroyed		3	175	
42	Unknown	125.0	Ditto	24.2	2	4.0	Bailey	C		12		

Condition
A: Very good
B: Good
C: Fair
D: Damaged
E: Seriously damaged

Road No. 1H : Road No.15 Jct. - Road No.16 Jct.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Unknown	8.4		18.0	1	4.0	Bailey	B	20	12	15	Steel slab, WL=0.5m
2	Unknown	9.7		12.0	1	3.8	Bailey	C	20	12	10	Steel slab, WL=0.7m, Slow Flow
3	Unknown	10.2		30.0	1	4.0	Bailey	B	20	12	24	Steel slab, WL=0.5m, Addit. beam on truss panel
4	Unknown	10.7		18.0	1	3.8	Bailey	B	20	12	18	Steel slab, WL=1.0m No flow
5	Unknown	12.1		24.0	1	4.3	Bailey	B	20	12	20	Steel slab, WL=0.2m Slow flow

Condition

A: Very good

B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 1J : Road No.18B Jct. - Cambodia Border

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Hong Wat Pa	0.6	Samakkhi Xay	10.5	1	3.2	Timber	C				
2	Huay Hang Heng	5.9	Ditto	10.0	1	3.5	Timber	C				
3	Na Nong Thom	6.4	Ditto	7.5	1	3.5	Timber	C				
4	Huay Khone Ke	9.9	Ditto	8.0	1	3.5	Timber	C				
5	Huay Fang Lao	10.8	Ditto	8.0	1	3.5	Timber	C				
6	Huay Sa Thone	13.0	Phou Vong	6.0	1	3.5	Timber	C				
7	Huay Teo	15.9	Ditto	48.0	6	3.5	Timber	C				
8	Unknown River											Data is quoted from RIRDP Report.
9	Unknown River											
10	Unknown River											
11	Unknown River											

Condition
A: Very good C: Fair
B: Good D: Damaged
E: Seriously damaged

Road No. 14A : Road No.16A Jct. - Cambodia Border

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Phabang	29.5	Champasak	48.8	2	3.7	Bailey	C	15	12	1-15	Destroyed & repaired in 1998, Timebr floor
2	Huay Saha	32.6	Ditto	48.8	2	4.4	Ditto	C	15	12	10-30	Destroyed & repaired in 1997, Timebr floor
3	Huay Thateng	42.0	Ditto	18.3	1	4.0	Ditto	D	15	12	5-10	Timber floor
4	Huay Manpa	47.1	Champasak & Sukhuma border	24.4	1	4.2	Ditto	D	15	12	15-25	Timber floor, Damaged abutment
5	Huay Khamuan River	66.5	Sukhuma							2	30-60	Manpowered ferry, March & April passable
6	Unknown River	87.2	Moonlapamok								4	No water in dry season.
7	B. Pa Oi	106.3	Ditto	25.0	6	2.8	Timber	D	2		25	Wooden piers
8	B. Xanon	108.0	Ditto	30.0	2	3.1	Bailey	B	15		30	Funded by JICA in1997(3.94M\$)
9	B. Nolsawang River		Ditto								8	
10	B. Xieng Vang River		Ditto								15	
11	B. Dua Tia 1 River		Ditto								33	
12	B. Dua Tia 2 River		Ditto								25	
13	B. Saphang Nua River		Ditto								85	

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
14	B. Saphang Tai 1 River		Ditto								45	
15	B. Saphang Tai 2 River		Ditto								20	
16	B. Nong Hoy River		Moonlapamok								45	
17	B. Nakham River		Ditto								18	
18	B. Na Tan River		Ditto								20	
19	B. Huay Nhang 1 River		Ditto								45	
20	B. Huay Nhang 2 River		Ditto								8	
21	B. Thadua River		Ditto								52	
22	B. Huay Het River		Ditto								35	
23	B. Huay Ko River		Ditto								35	
24	B. Nakang River		Ditto								16	
25	B. Nadi River		Ditto								20	
26	B. Salaosong River		Ditto								45	
27	B. Xan Va River		Ditto								45	
28	B. Dua Tia Tai River		Ditto								50	

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 14A1 : Ban Dontalath Jct. - Road No. 14B Jct.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Tamye	9.0	Champasak	9.0	1	4.4	Bailey	D	15	12	0-5	Timber floor. Damaged abutment
2	Huay Nongcha	11.4	Ditto	15.2	1	4.0	Ditto	C	15	12	0-12	Timber floor. Damaged abutment
3	Unknown	14.2	Ditto	6.1	1	4.3	Ditto	C	15	12	0-6	Timber floor. Damaged abutment
4	Huay Nangno	15.8	Ditto	9.1	1	4.0	Ditto	C	15	12	0-10	Timber floor, destroyed by heavy vehicle in 2001
5	Huay Kamuan	17.6	Ditto	79.3	3	4.0	Ditto	C	15	12	10-60	Timber floor
6	Unknown	22.6		5.5	1	3.7	Con. Slab	B		12	0-5	
7	Unknown	23.2		4.7	1	4.9	Con. Slab	B		12	0-5	Damaged handrail
8	Huay Thamixay	27.3	Phone Thong	18.3	1	4.0	Bailey	C	15	12	10-20	Timber floor. Damaged abutment

Condition

A: Very good
B: Good

C: Fair
D: Damaged
E: Seriously damaged

Road No. 14B : Road No. 16 Jct. - Cambodia Border

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Tadton	5.6	Phon Thong	9.6	1	3.5	Bailey	C		12	0-8	Timber floor
2	Huay Yang Ikid	9.7	ditto	12.2	1	4.1	Ditto	C		12	0-10	Timber floor. Damaged abutment.
3	Ban Nonghin	14.8	ditto	12.5	1	3.5	Ditto	D		12	0-10	Timber floor
4	Unknown	16.0	ditto	12.4	1	3.4	Ditto	D		12	0-10	Timber floor
5	Huay Nhang	18.7	ditto	15.1	1	3.4	Ditto	D		12	0-13	Timber floor
6	Unknown Drift	20.5	ditto	12.8		4.7	Drift	D		9	0-10	River bed is eroded.
7	Unknown Drift	21.4		6.3		5.2	Drift	D		9	0-15	Settled and silted.
8	Unknown Drift	21.8		18.0		5.2	Drift	D		9	0-20	Settled and silted.
9	Unknown Drift	22.0		12.3		4.9	Drift	D		9	0-15	River bed is eroded.
10	Unknown Drift	22.1		13.0		4.4	Drift	D		9	0-20	River bed is eroded.
11	Huay Khala	28.2	Champasak	28.0	1	3.8	Bailey	E	18	0	10-25	Impassable due to damaged abutment.
12	Huay Na	31.2	ditto	12.5	1	3.4	Ditto	D		12	0-10	Damaged wingwall.
13	Huay Kabao Nhai	37.5	ditto	21.8	1	3.2	Bailey	C		12	10-20	Timber floor
14	Huay Kabao Noy	38.3	ditto	9.4	1	4.4	Ditto	C		12	0-8	Timber floor

Condition
A: Very good
B: Good
C: Fair
D: Damaged
E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
15	Huay Pheng River	45.1								9	25-80	
16	Huay Ta Noy	47.9	Sukhuma	12.2	1	3.4	Bailey	D		12	0-10	Timber floor
17	Huay Hieng River	53.1	Sukhuma							0	20	
18	Huay Hieng River Detour	53.8	ditto							9	35	
19	Huay Tam Leung River		ditto								30	
20	Huay Pa Ao River		ditto								70	
21	Huay Xai River		Moonlapamok								50	
22	Huay Don River		ditto								40	
23	Huay Nang Ing River		ditto								20	
24	Huay Man Keo River		ditto								25	
25	Huay Viane River		ditto								20	
26	Huay Kamod River		ditto								50	
27	Huay Khem River		ditto								60	
28	Huay Oba River		ditto								13	
29	Huay Viean River		ditto								25	
30	Huay Okaden River		ditto								40	

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 14C : Road No. 14A Jct. - Ban Nong Nga

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Kadean	3.5	Moonlapamok	21.0	1	3.2	Bailey	C	12	12	25	Con. Abut. Constructed in 1992
2	Hongpai	9.4	ditto	6.6	1	3.4	Timber	B		12	6	detoruing of heavey vechle
3	Hong Somhoong	18.6	ditto	6.5	1	3.6	Con. Slab	C	12	12	7	Con. Abut. Constructed in 1992
4	Huay Kadankhok	22.1	ditto	7.5	1	3.6	Con. Slab	C	12	12	7	Con. Abut. Constructed in 1992
5	Huay Kadankang	25.5	ditto	9.0	1	3.2	Bailey	C	12	12	9	Con. Abut. Constructed in 1992
6	Huay Kadannai	25.6	ditto	12.2	1	3.2	Bailey	E	12	9	12	Horisontal beams broken due to heavy vehicle
7	Huay Dan	37.2	ditto	24.0	2	3.1	Bailey	C	5	12	24	Con. Abut. Constructed in 1998
8	Huay Chan	38.9	ditto	33.0	1	3.8	Bailey	B	12	12	32	Metal Beam,Con. Abut. Constructed in 1998

Road No. 14C1 : Ban Hieng - Ban Sam Kha

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Shang Borlang	9.4	Sukhuma	24.5	1	4.0	Bailey	B	12	12	15-20	No truss connection, 1m water depth with no flow
2	Huay Kangoune	18.6	ditto	100.0	3	4.6	Bailey	B	12	12	90	Constructed in 2001 by local contr.

Road No. 14C2 : Ban Nong Te - Bang Phong Photh

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Yang River	2.6	Champasak							9	25	Abutments already constructed. LWL=1m

Condition
A: Very good C: Fair
B: Good D: Damaged
 E: Seriously damaged

Road No. 15 (1) : Road No. 13S - P. Saravan

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Xuek	5.2	Khong Xedone	67.1	3	4.0	Bailey	C	15	12		
2	Hong Sim	5.7	Vapy	12.0	1	4.4	Con. Slab	B		12		
3	M. Vapy Kao	11.1	Ditto	12.0	1	4.2	Bailey	C	15	12		
4	Huay Kode	14.1	Ditto	24.0	1	4.2	Bailey	C	15	12		
5	Ban Bang Kha	15.6	Ditto	55.4	3	4.2	Bailey	C	15	12		
6	Huay Sphad	20.9	Ditto	67.0	2	4.2	Bailey	C		12		
7	Xe Don	27.0	Ditto	60.0	(9)	6.0	Drift	B		9		
8	Huay Tapoung 2	37.0	Boundary of District	27.4	2	4.2	Bailey	D	15	12		
9	Huay Tapoung 1	37.4	Saravan	9.0	1	4.2	Bailey	C		12		
10	Huay Pa Lai	40.6	Ditto	17.3	1	4.2	Bailey	C	15	12		
11	Set Buengkham	41.6	Ditto	54.9	3	3.9	Bailey	C	15	12		
12	Huay Thongkham	49.0	Ditto	9.9	3	3.9	Con. Slab	B		12		
13	Hong Nongkan	51.0	Ditto	8.3	2	4.5	Con. Slab	C		12		
14	Ban Tong	57.6	Ditto	33.5	3	4.3	Bailey	C	15	12		
15	Unknown	60.2	Ditto	12.3	1	3.7	Steel I-girder	C	18	12		
16	Hong Bong	60.6	Ditto	12.2	1	4.0	Bailey	C	15	12		
17	Huay Soung	63.2	Saravan	45.7	2	4.4	Bailey	C	15	12		
18	Sa Phuet	68.5	Ditto	12.2	1	3.8	Bailey	C	15	12		
19	Xe Nod	71.3	Ditto	24.4	1	4.3	Bailey	C		12		

Condition
A: Very good
B: Good

C: Fair
D: Damaged
E: Seriously damaged

Road No. 15 (2) : Ban Phone Dou Jct. - Vietnam Border

Note: All data is quoted from previous study.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Unknown	0.3		4.0	1	3.6	Timber					
2	Unknown	0.9		5.0	1	3.6	Timber					
3	Unknown	1.0		5.0	1	3.6	Timber					
4	Unknown	3.0		5.0	1	3.6	Timber					
5	Unknown	4.0		3.0	1	3.6	Timber					
6	Xe Don River	4.2		destroyed			destroyed	destroyed			100	
7	Unknown	4.9		5.0	1	3.6	Timber					
8	Unknown	7.3		4.0	1	3.6	Timber					
9	Unknown	8.1		10.0		3.6	Timber					
10	Unknown	9.2		5.0	1	3.6	Timber					
11	Unknown	9.3		23.0	3	3.6	Timber					
12	Unknown	10.9		5.0	1	3.6	Timber					
13	Unknown	12.4		5.0	1	3.6	Timber					
14	Unknown	14.1		5.0	1	3.6	Timber					
15	Unknown	16.9		11.0		3.6	Timber					
16	Unknown	19.6		11.0		3.6	Timber					
17	Unknown	20.3		11.0		3.6	Timber					
18	Unknown	21.6		11.0		3.6	Timber					

Condition
A: Very good
B: Good

C: Fair
D: Damaged
E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
19	Unknown	22.0		4.0	1	3.6	Timber					
20	Unknown	22.8		15.0		3.6	Timber					
21	Unknown	24.9		11.0		3.6	Timber					
22	Unknown	25.1		11.0		3.6	Timber					
23	Unknown	28.1		5.0	1	3.6	Timber					
24	Unknown	28.9		5.0	1	3.6	Timber					
25	Unknown	30.4		11.0		3.6	Timber					
26	Unknown	31.9		5.0	1	3.6	Timber					
27	Unknown	32.0		5.0	1	3.6	Timber					
28	Unknown	32.7		5.0	1	3.6	Timber					
29	Unknown	33.1		5.0	1	3.6	Timber					
30	Unknown	33.8		5.0	1	3.6	Timber					
31	Unknown	34.5		5.0	1	3.6	Timber					
32	Unknown	34.7		5.0	1	3.6	Timber					
33	Unknown	35.1		5.0	1	3.6	Timber					
34	Unknown	36.1		5.0	1	3.6	Timber					
35	Unknown	37.1		11.0		3.6	Timber					
36	Unknown	37.3		10.0		3.6	Timber					

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
37	Unknown	38.3		10.0		3.6	Timber					
38	Unknown	39.2		22.0		3.6	Timber					
39	Unknown	39.6		4.0	1	3.6	Timber					
40	Unknown	43.1		48.0		4.5	Steel I-girder					
41	Unknown	43.8		4.0	1	3.6	Timber					
42	Unknown	44.6		10.0		3.6	Timber					
43	Unknown	44.8		15.0	1	4.8	Bailey					
44	Unknown	45.3		10.0		3.6	Timber					
45	Unknown	45.7		5.0	1	3.6	Timber					
46	Unknown	45.9		5.0	1	3.6	Timber					
47	Unknown	46.8		4.0	1	3.6	Timber					
48	Unknown	47.4		27.0	2	4.8	Bailey					
49	Unknown	48.1		5.0	1	3.6	Timber					
50	Unknown	48.4		10.0	1	3.6	Timber					
51	Unknown	55.8		10.0	1	3.6	Timber					
52	Unknown	56.3		15.0	1	4.8	Bailey					
53	Unknown	60.5		12.0	1	4.8	Bailey					
54	Unknown	66.1		12.0	1	4.8	Bailey					

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
55	Unknown	66.8		9.0	1	4.8	Bailey					
56	Unknown	71.9		10.0		3.6	Timber					
57	Unknown	72.7		152.5	5	4.5	Bailey		20			
58	Unknown	80.0					Timber					
59	Unknown	81.5		10.0		3.6	Timber					
60	Unknown River	81.7									20	
61	Unknown	83.5		destroyed			destroyed	destroyed				Original Length=30m
62	Unknown	84.7		11.0		3.6	Timber					
63	Unknown	86.0		8.0		3.6	Timber					
64	Unknown	88.3		45.0		4.8	Bailey					
65	Unknown River	90.0									40	
66	Unknown	93.7		11.0		3.6	Timber					
67	Unknown	94.5		destroyed			destroyed	destroyed				
68	Unknown River	94.6										Only dry season passable
69	Unknown River	95.7										Only dry season passable
70	Unknown	96.0		11.0		3.6	Timber					
71	Unknown River	97.0										Only dry season passable
72	Unknown	99.3		14.0		3.6	Timber	D				
73	Unknown	100.1		11.0		3.6	Timber					

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
74	Unknown	100.3		5.0		3.6	Timber	E				No use
75	Unknown River	102.4										Only dry season passable
76	Unknown River	104.8										Only dry season passable
77	Unknown River	105.9										Only dry season passable
78	Unknown River	106.6										Only dry season passable
79	Unknown River	108.1										Only dry season passable
80	Unknown River	108.7										Only dry season passable
81	Unknown River	111.4										Only dry season passable
82	Unknown River	113.0										Only dry season passable
83	Unknown River	116.4										Only dry season passable
84	Unknown River	117.6										Only dry season passable
85	Unknown River	120.9										Only dry season passable
86	Unknown River	129.8										Only dry season passable
87	Unknown River	131.1										Only dry season passable
88	Unknown River	135.6										Only dry season passable
89	Unknown River	137.2										Only dry season passable
90	Unknown River	138.1										Only dry season passable
91	Unknown River	139.6										Only dry season passable
92	Unknown River	140.0										Only dry season passable

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 16 : Road No. 11 Jct. - Vietnam Border

Note: All data is quoted from previous study.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Xe Kong River	1.7					Ferry					
2	Unknown	9.5		10.0		4.5	Timber					
3	Unknown	11.7		15.0		5.5	Timber					
4	Unknown	13.4		7.0		3.8	Timber					
5	Unknown	16.6		destroyed			Timber	destroyed				
6	Unknown	16.8		destroyed			Timber	destroyed				
7	Unknown	18.5		destroyed			destroyed	destroyed				
8	Unknown	20.9		destroyed			Timber	destroyed				
9	Unknown	21.0		destroyed			Timber	destroyed				
10	Unknown	21.3		destroyed			Timber	destroyed				
11	Unknown	25.0		destroyed			Timber	destroyed				
12	Unknown River	25.2										
13	Unknown	27.4		destroyed			Timber	destroyed				
14	Unknown	27.8		destroyed			Timber	destroyed				
15	Unknown River	28.1										
16	Unknown	28.7		destroyed			Timber	destroyed				
17	Unknown River	29.7										
18	Unknown	31.5		destroyed			Timber	destroyed				

Condition
A: Very good
B: Good

C: Fair
D: Damaged
E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
19	Unknown	33.7		destroyed			Timber	destroyed				
20	Unknown River	34.3										
21	Unknown River	35.0										
22	Unknown River	37.0										
23	Unknown River	38.1										
24	Unknown River	41.5										
25	Unknown River	76.0										
26	Unknown River	77.7										
27	Unknown River	79.0										
28	Unknown River	79.9										
29	Unknown River	83.3										
30	Unknown River	86.6										
31	Unknown River	90.2										
32	Unknown River	98.0										
33	Unknown River	99.0										
34	Unknown River	101.0										
35	Unknown River	103.1										
36	Unknown River	104.4										
37	Sekhamane River	117.1										

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 16A : Road No. 11 Jct. - Road No. 16 Jct.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Unknown	12.4	Samakkhixay	24.5	2	4.7	Steel I-girder	A	50	12		
2	Unknown	12.7	Ditto	24.5	2	4.5	Steel I-girder	A	50	12		
3	Unknown	12.9	Boundary of Province	59.5	4	4.5	Steel I-girder	A	50	12		
4	Unknown	18.6	Paksong	50.0	4	4.5	Steel I-girder	A	50	12		
5	Unknown	26.2	Ditto	24.5	2	1.0+4.6+1.0	Steel I-girder	A	50	12		
6	Unknown	53.2	Ditto	24.0	2	4.0	Bailey	C		12		

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 18A : Road No. 13S Jct. - Road No. 11 Jct.

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Huay Lek	11.6	Pa Thoum Phone	21.0	1	4.2	Bailey	B				
2	Huay Hong Sa	16.7	Ditto	5.8	1	3.5	Steel I-girder	B				
3	Huay Hong Xeng	17.7	Ditto	5.7	1	3.5	Steel I-girder	B				
4	Huay Sang Khuab	17.8	Ditto	15.0	1	3.5	Bailey	B				
5	Huay Din Poun	18.2	Ditto	15.0	1	3.5	Bailey	B				
6	Unknown River	19.7	Ditto								30	
7	Hong Hin River	25.7	Ditto								25	
8	Xe Kham Pho River	30.6	Boundary of Province								180	No ferry
9	Huay Ka Yom Bai River	31.5	Sanam Xay								30.5	
10	Huay Lathai River	32.3	Ditto								30.5	
11	Huay I Tone River	34.9	Ditto								15.5	
12	Huay Ta Peung Nang River	38.4	Ditto								30.5	
13	Huay Chan To River	39.7	Ditto								30.5	
14	Huay Ka Lang River	51.8	Sanam Xay								30.5	
15	Huay Pin Dong River	56.0	Sanam Xay								27.5	

Condition

A: Very good
B: Good

C: Fair
D: Damaged
E: Seriously damaged

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
16	Huay A Noi River	61.3	Ditto								12.5	
17	Xe Plane River	70.3	Ditto								144	
18	Hong Pin	74.9	Ditto	32.0	5	3.7	Timber	C	8	12		
19	Hong Khen	75.6	Ditto	10.0	2	3.7	Timber	C		12		
20	Huay Kan Chan	81.2	Ditto	26.0	5	3.2	Timber	C		12		
21	Huay Deua	82.3	Ditto	63.0	10	3.5	Timber	C		12		
22	Unknown	83.4	Ditto	6.0	1	3.7	Bailey	C		12		
23	Don Phai	90.4	Ditto	84.0	14	3.5	Timber	C		12		
24	Huay Lang	96.0	Ditto	24.0	1	4.2	Bailey	C		12		
25	Huay Khang	97.1	Ditto	13.0	2	3.5	Timber	C		12		
26	Huay Oth	99.2	Sanan Xay	49.0	7	3.5	Timber	C				
27	Huay Phay	100.8	Samak Khi Xey	12.0	2	3.5	Timber	C				
28	B. Somsanouk	105.0	Ditto	25.0	4	3.5	Timber	C				
29	Huay Beb Nhai	105.1	Samak Khi Xey	39.0	7	3.5	Timber	C				
30	Huay Bok	107.1	Ditto	60.0	10	3.5	Timber	C				
31	Huay Phak Nam	111.7	Ditto	15.0	3	3.5	Timber	C				
32	Huay Tham	112.0	Ditto	8.0	1	3.5	Timber	C				

Condition

A: Very good
B: Good

C: Fair

D: Damaged

E: Seriously damaged

Road No. 18B

: Road No. 18A Jct. - Vietnam Border

Note: (1) All data is quoted from previous study.
(2) Km Post starts from Xe Kong River

No.	Bridge Name	Km Post	District	Bridge Length (m)	Number of Span	Bridge Width (m)	Bridge Type	Bridge Condition	Design Loads (Tons)	Possibility (months)	River Width (m)	Remarks
1	Xe Kong River	0.0					Ferry					
2	Unknown	0.2		6.0		4.0	Timber					
3	Unknown	2.0		6.0		4.0	Timber					
4	Unknown	2.3		5.0		4.0	Timber					
5	Unknown	3.5		35.0		4.0	Timber					
6	Unknown	7.3		10.0		4.0	Timber					
7	Unknown	8.0		10.5		4.0	Timber					
8	Unknown River	10.8										
9	Unknown River	14.5										
10	Unknown	up to 36.9km										
11	There are 4 existing bridges and 25 rivers in section 36.9 - 123.0km.											

Condition
A: Very good C: Fair
B: Good D: Damaged
E: Seriously damaged