

THE GOVERNMENT OF THE KINGDOM OF THAILAND

**FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA
RIVER BASIN**

LONGITUDINAL PROFILE AND CROSS-SECTION
DRAWINGS

JUNE 1988

JAPAN INTERNATIONAL COOPERATION AGENCY

SDS

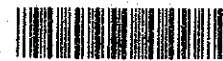
88-075

THE GOVERNMENT OF THE KINGDOM OF THAILAND

**FLOOD FORECASTING SYSTEM
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LONGITUDINAL PROFILE AND CROSS-SECTION
DRAWINGS

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17374

CROSS-SECTIONS RIVER BED
CHAO PHRAYA AND SAKAE KRANG RIVER

STUDY ON FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA RIVER BASIN
THAILAND

MAY, 1987

GENERAL INFORMATION

LIST OF DRAWINGS

Sheet No	Drawing No	Title	Scale
Location Map			
1	A1	Location map for Chao Phraya River	1:250,000
2	A2	Location map for Sakaekang River	1:250,000
Plan & Profile			
3	B1	Plan & Profile Chao Phraya River(Km277+000 to Km242+000)	H= 1:50,000 V= 1:200
4	B2	Plan & Profile Chao Phraya River(Km242+000 to Km207+000)	H= 1:50,000 V= 1:200
5	B3	Plan & Profile Chao Phraya River(Km207+000 to Km172+000)	H= 1:50,000 V= 1:200
6	B4	Plan & Profile Chao Phraya River(Km172+000 to Km154+000)	H= 1:50,000 V= 1:200
7	B5	Plan & Profile Sakaekang River(Km169+000 to Km134+000)	H= 1:50,000 V= 1:200
8	B6	Plan & Profile Sakaekang River(Km134+000 to Km99+000)	H= 1:50,000 V= 1:200
9	B7	Plan & Profile Sakaekang River(Km99+000 to Km64+000)	H= 1:50,000 V= 1:200
10	B8	Plan & Profile Sakaekang River(Km64+000 to Km29+000)	H= 1:50,000 V= 1:200
11	B9	Plan & Profile Sakaekang River(Km29+000 to Km0+500)	H= 1:50,000 V= 1:200
X-Sections Chao Phraya River			
12	C1	X-Sections Chao Phraya River(Km 276+000 to Km 268+500)	H= 1:1,000 V= 1:100
13	C2	X-Sections Chao Phraya River(Km 268+000 to Km 257+000)	H= 1:1,000 V= 1:100
14	C3	X-Sections Chao Phraya River(Km 255+000 to Km 247+000)	H= 1:1,000 V= 1:100
15	C4	X-Sections Chao Phraya River(Km 245+000 to Km 237+000)	H= 1:1,000 V= 1:100
16	C5	X-Sections Chao Phraya River(Km 233+000 to Km 224+000)	H= 1:1,000 V= 1:100
17	C6	X-Sections Chao Phraya River(Km 221+000 to Km 212+000)	H= 1:1,000 V= 1:100
18	C7	X-Sections Chao Phraya River(Km 209+000 to Km 200+000)	H= 1:1,000 V= 1:100
19	C8	X-Sections Chao Phraya River(Km 188+500 to Km 188+000)	H= 1:1,000 V= 1:100
20	C9	X-Sections Chao Phraya River(Km 185+750 to Km 173+000)	H= 1:1,000 V= 1:100
21	C10	X-Sections Chao Phraya River(Km 168+000 to Km 154+000)	H= 1:1,000 V= 1:100
22	C11	X-Sections Chao Phraya River(Km 0+230 to Km 0+550) (Diversion Lopburi & Bangpakaw River)	H= 1:1,000 V= 1:100
X-Sections Sakaekang River			
23	C12	X-Sections Sakaekang River(Km 168+850 to Km 0+500)	H= 1:1,000 V= 1:100

ABBREVIATION

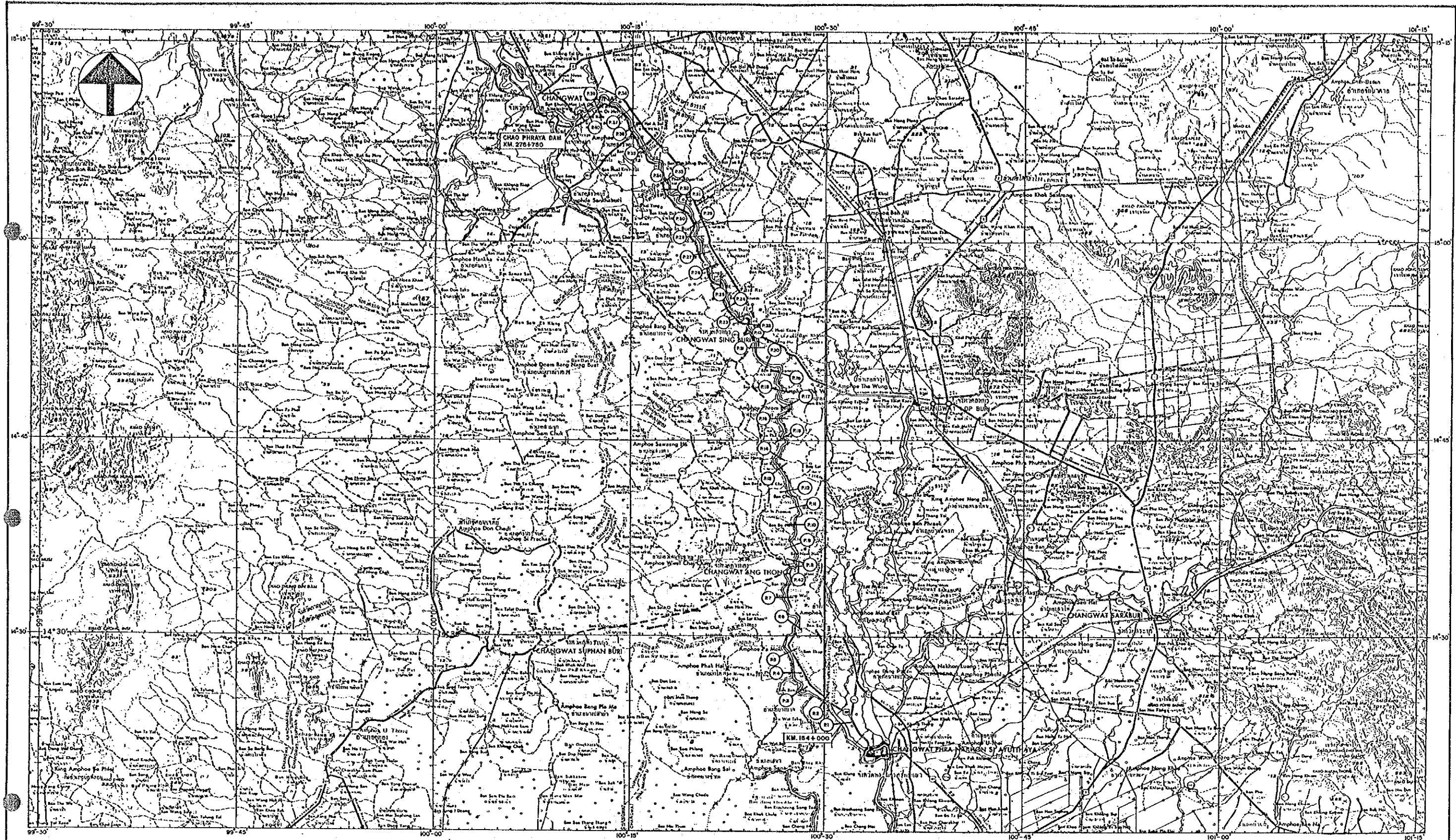
B.M.	=	BENCH MARK
E.D.M.	=	ELECTRONIC DISTANCE METER
J.I.C.A.	=	JAPAN INTERNATIONAL COOPERATION AGENCY
H.W.L.	=	HIGH WATER LEVEL
W.L.	=	WATER LEVEL
L.L.W.	=	LOWEST LOW WATER
M.N.	=	MONUMENT
R.I.D.	=	ROYAL IRRIGATION DEPARTMENT
R.T.G.	=	ROYAL THAI GOVERNMENT

CROSS SECTIONS RIVER BED

River	Section	Kilometer	Location	Date Observation	H.W.L. (Year 1980)
Chao Phraya	P40	276+000	A.Sapphaya Chainat	26 March 1987	16.75
	P39	274+000	A.Sapphaya Chainat	26 March 1987	16.20
	P38	271+000	A.Sapphaya Chainat	26 March 1987	15.89
	P37	268+500	A.Sapphaya Chainat	26 March 1987	16.02
	P36	266+000	A.Sapphaya Chainat	26 March 1987	15.56
	P35	263+000	A.Sapphaya Chainat	26 March 1987	16.01
	P34	260+000	A.Sapphaya Chainat	26 March 1987	15.82
	P33	257+000	A.Sapphaya Chainat	26 March 1987	15.63
	P32	255+000	A.Sapphaya Chainat	27 March 1987	15.25
	P31	252+500	A.Inburi Singburi	27 March 1987	14.53
	P30	250+000	A.Inburi Singburi	27 March 1987	14.64
	P29	247+000	A.Inburi Singburi	27 March 1987	14.52
	P28	245+000	A.Inburi Singburi	27 March 1987	13.91
	P27	242+000	A.Inburi Singburi	27 March 1987	13.81
	P26	240+000	A.Inburi Singburi	28 March 1987	13.97
	P25	237+000	A.Inburi Singburi	28 March 1987	13.61
	P24	233+000	A.Muang Singburi	28 March 1987	12.92
	P23	231+000	A.Muang Singburi	28 March 1987	12.45
	P22	227+500	A.Muang Singburi	28 March 1987	12.07
	P21	224+000	A.Muang Singburi	29 March 1987	12.22
	P20	221+000	A.Muang Singburi	29 March 1987	11.73
	P19	218+000	A.Phrosaburi Singburi	29 March 1987	11.37
	P18	215+000	A.Phrosaburi Singburi	29 March 1987	11.02
	P17	212+000	A.Phrosaburi Singburi	29 March 1987	11.04
	P16	209+000	A.Phrosaburi Singburi	29 March 1987	10.64
	P15	206+000	A.Phrosaburi Singburi	30 March 1987	10.44
	P14	203+000	A.Phrosaburi Singburi	30 March 1987	10.18
	P13	200+000	A.Chaiyo Anghong	30 March 1987	8.89
	P12	198+500	A.Chaiyo Anghong	30 March 1987	9.85
	P11	191+000	A.Chaiyo Anghong	30 March 1987	10.10
	P10	191+000	A.Chaiyo Anghong	31 March 1987	9.86
	P9	188+000	A.Muang Anghong	31 March 1987	9.22
	P8	185+750	A.Muang Anghong	31 March 1987	8.10
	P7	177+750	A.Muang Anghong	31 March 1987	5.59
	P6	173+000	A.Pasok Anghong	1 April 1987	6.23
	P5	168+000	A.Pasok Anghong	1 April 1987	6.33
	P4	165+000	A.Pasok Anghong	1 April 1987	4.76
	P3	161+750	A.Banban Ayuthaya	1 April 1987	5.96
	P2	157+750	A.Banban Ayuthaya	1 April 1987	4.35
	P1	154+000	A.Muang Ayuthaya	1 April 1987	3.63
	P42	0+230	A.Muang Singburi	29 March 1987	12.14
	P42	0+550	A.Muang Anghong	31 March 1987	7.92
Sakaekang	S10	168+850	A.Lat Yao Nakhon Sawan	4 April 1987	128.58
	S9	136+850	A.Lat Yao Nakhon Sawan	4 April 1987	98.02
	S8	108+850	A.Lat Yao Nakhon Sawan	4 April 1987	65.29
	S7	80+350	A.Lat Yao Nakhon Sawan	4 April 1987	47.31
	S6	64+350	A.Sawang Arom Uthai Thani	2 April 1987	38.16
	S5	45+350	A.Krok Phra Uthai Thani	2 April 1987	33.07
	S4	20+850	A.Muang Uthai Thani	2 April 1987	20.24
	S3	9+350	A.Muang Uthai Thani	3 April 1987	20.12
	S2	4+750	A.Muang Uthai Thani	3 April 1987	19.28
	S1	0+500	A.Muang Uthai Thani	3 April 1987	19.65

NOTES

- THE ELEVATION REFERRED FROM MEAN SEA LEVEL (MSL.)
- THE KILOMETER WHERE SHOWN IN DRAWING IS THE APPROXIMATE DISTANCE.
 1- FROM BANGKOK BAR (FOR P40 TO P1)
 2- FROM INTERSECTION CHAO PHRAYA RIVER (FOR S10 TO S1)
- THE CROSS SECTION AS LOOKING DOWN STREAM.

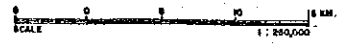


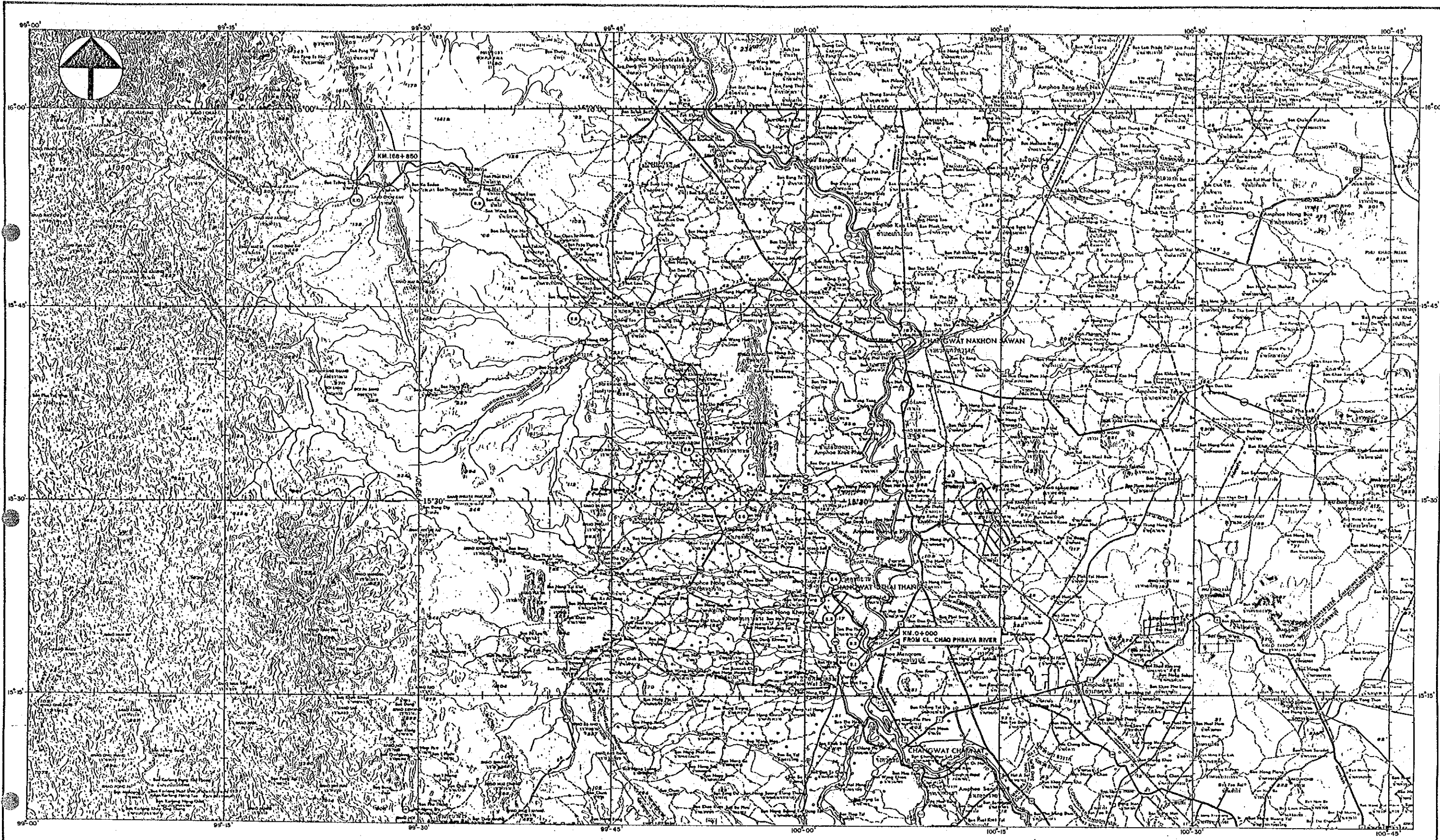
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)
STUDY ON FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA RIVER BASIN
THAILAND

NO.	REVISION	APPROVED	DATE

LOCATION MAP FOR CHAO PHRAYA RIVER

DRAWN BY: T.AMHAJ	<i>Chy</i>	SCALE 1:250,000	DATE
CHECKED BY:		DWG. NO. A.1	SHEET NO. 1
APPROVED BY:			





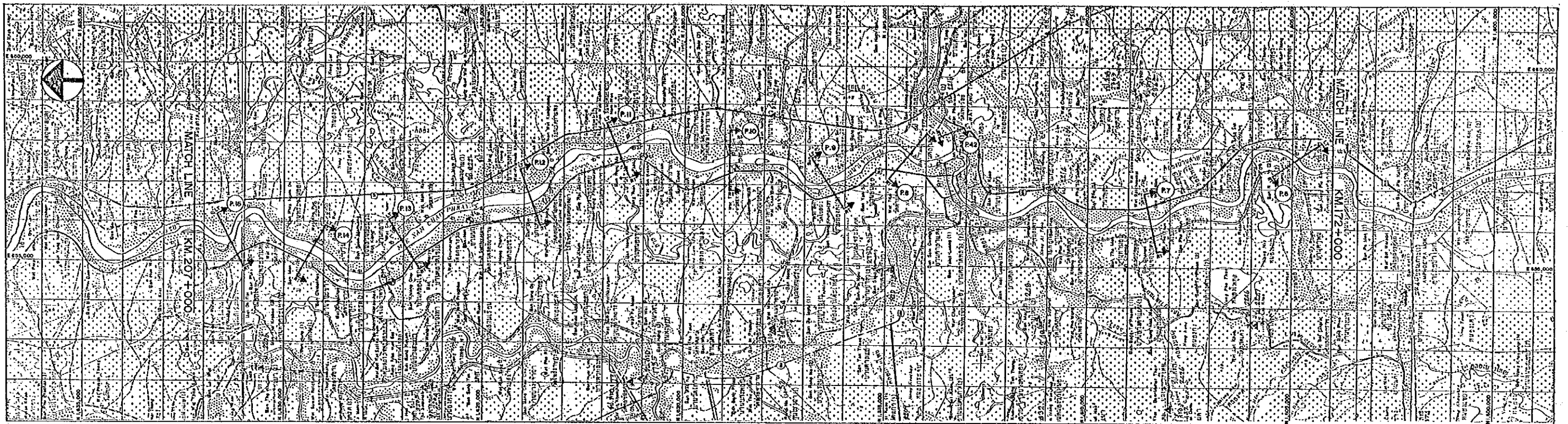
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

STUDY ON FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA RIVER BASIN
THAILAND

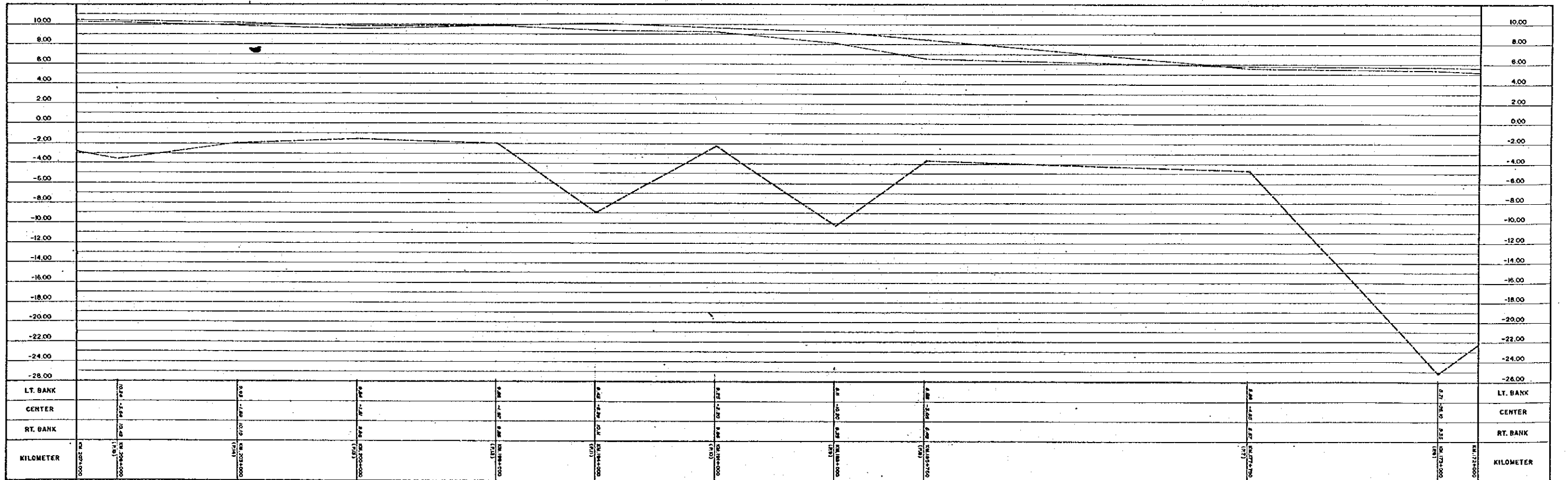
LOCATION MAP FOR SAKAE KRANG RIVER

DRAWN BY: TAMNAJ	<i>Chy</i>	SCALE 1:250,000	DATE
CHECKED BY:		DWG. NO. A.2	SHEET NO. 2
APPROVED BY:			

NO.	REVISION	APPROVED	DATE



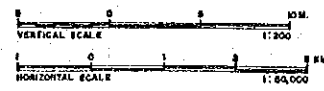
PLAN
SCALE 1:50,000



PROFILE

LEGEND
 - - - - - LEFT BANK
 - - - - - RIGHT BANK
 - - - - - RIVER BED

NOTES
 1. THE ELEVATION REFERED FROM MEAN SEA LEVEL (M.S.L.)
 2. THE KILOMETER IS THE APPROXIMATE DISTANCE FROM BANGKOK BAR

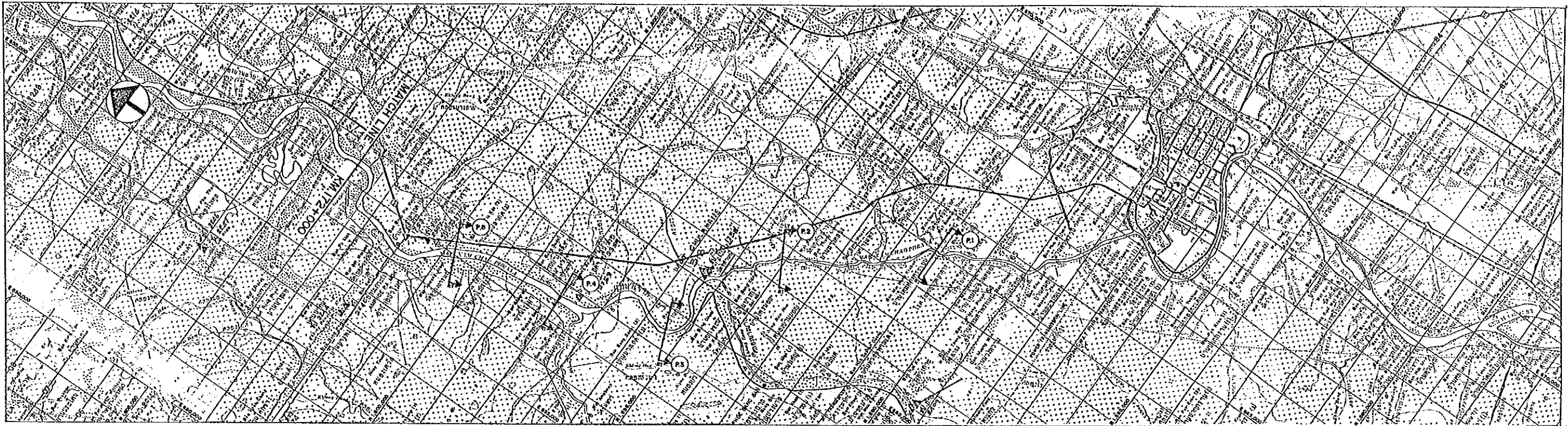


NO.	REVISION	APPROVED	DATE

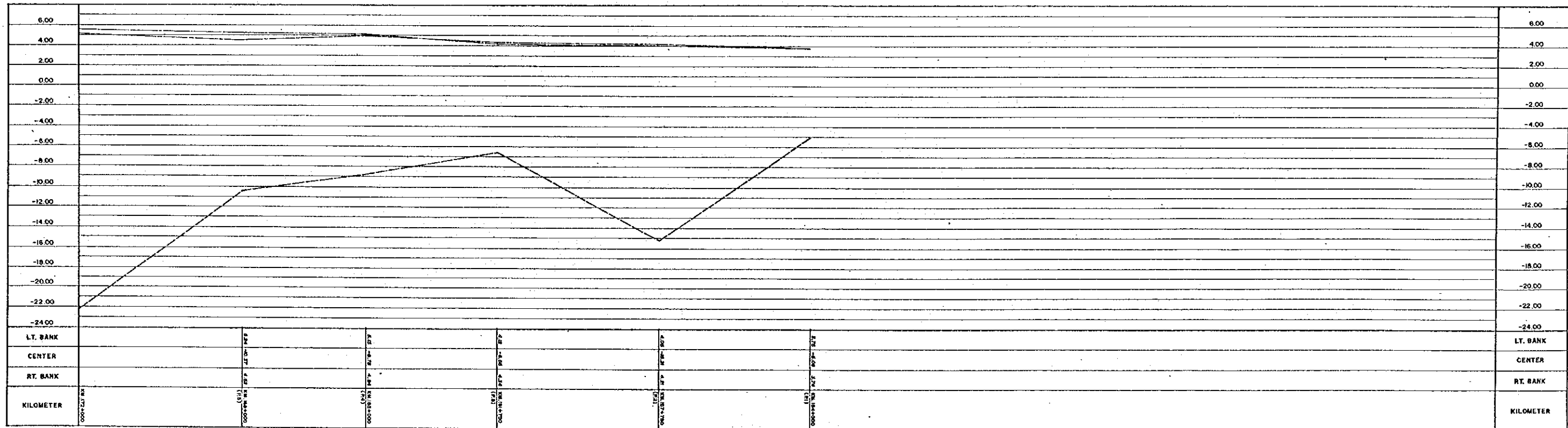
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
 STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND

PLAN & PROFILE CHAO PHRAYA RIVER (KM.207+000 TO KM.172+000)

DRAWN BY: T. AMNAJ	SCALE AS SHOWN	DATE
CHECKED BY: <i>[Signature]</i>	DWG. NO. B.3	SHEET NO. 5
APPROVED BY:		



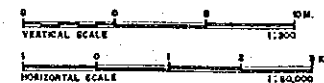
PLAN
SCALE 1:80,000



PROFILE

LEGEND
 - - - - - LEFT BANK
 - - - - - RIGHT BANK
 - - - - - RIVER BED

NOTES
 1. THE ELEVATION REFERED FROM MEAN SEA LEVEL (M.S.L.)
 2. THE KILOMETER IS THE APPROXIMATE DISTANCE FROM BANGKOK BAR



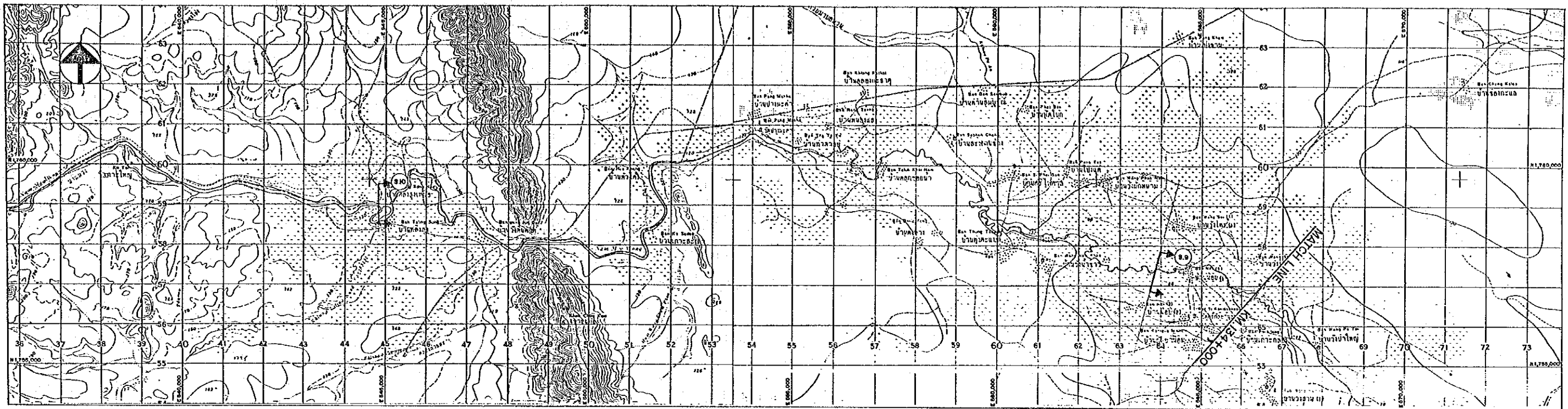
NO.	REVISION	APPROVED	DATE

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(JICA)

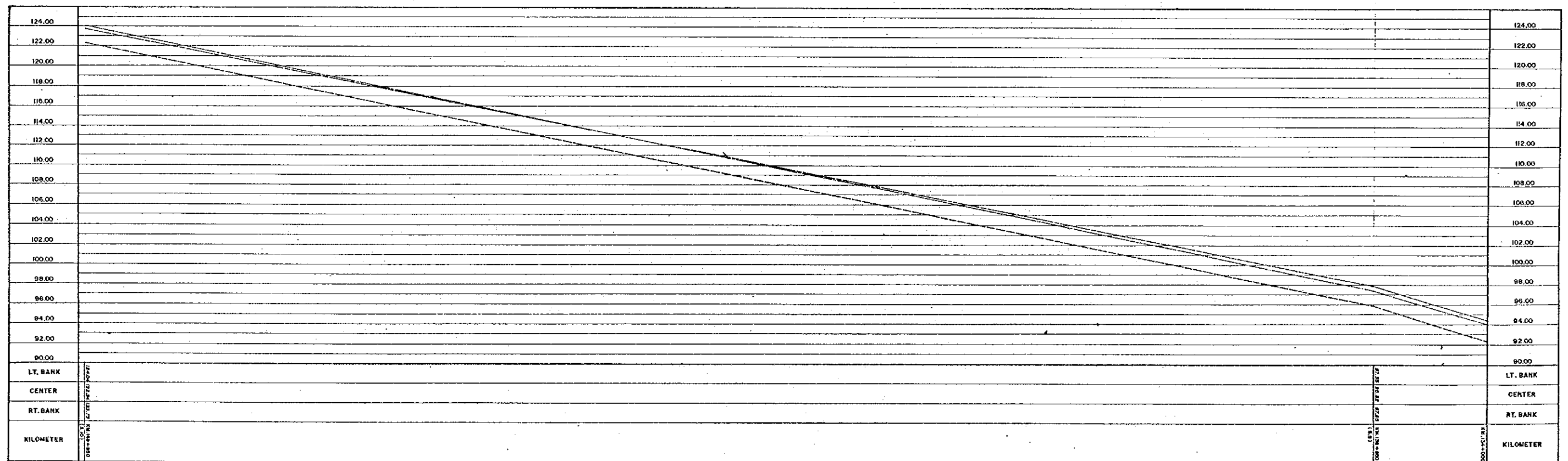
STUDY ON FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA RIVER BASIN
THAILAND

PLAN & PROFILE CHAO PHRAYA RIVER
(KM. 172+000 TO KM. 154+000)

DRAWN BY: T. AMMAJ	<i>aj</i>	SCALE: AS SHOWN	DATE:
CHECKED BY:		DWG. NO. B.4	SHEET NO. 6
APPROVED BY:			



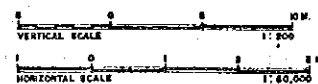
PLAN
SCALE 1:50,000



PROFILE

LEGEND
 - - - - - LEFT BANK
 - - - - - RIGHT BANK
 - - - - - RIVER BED

NOTES
 1. THE ELEVATION REFERED FROM MEAN SEA LEVEL (M.S.L.)
 2. THE KILOMETER IS THE APPROXIMATE DISTANCE FROM INTERSECTION CHAO PHRAYA RIVER



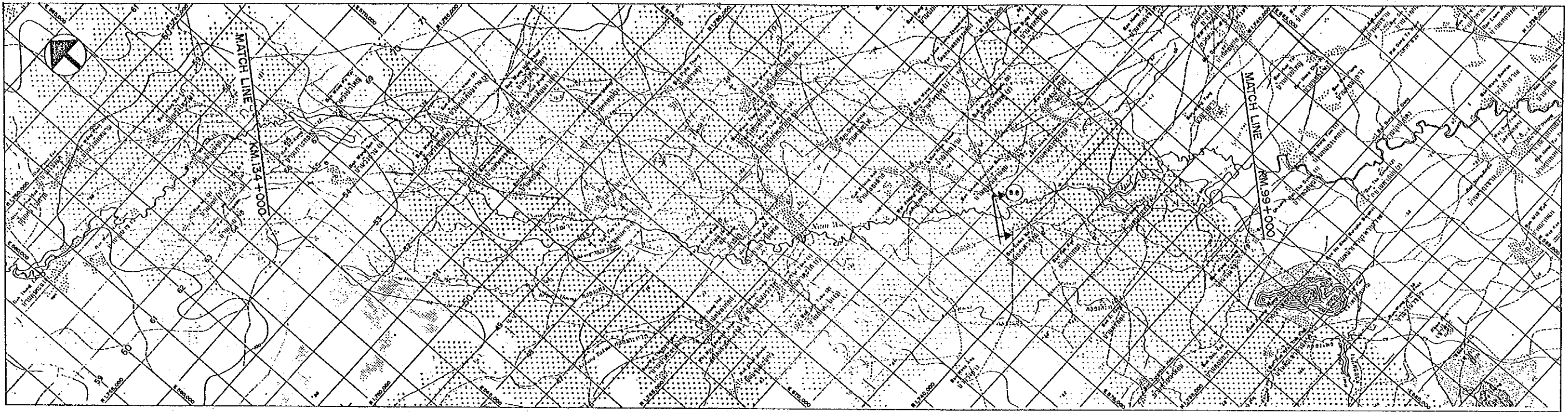
NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

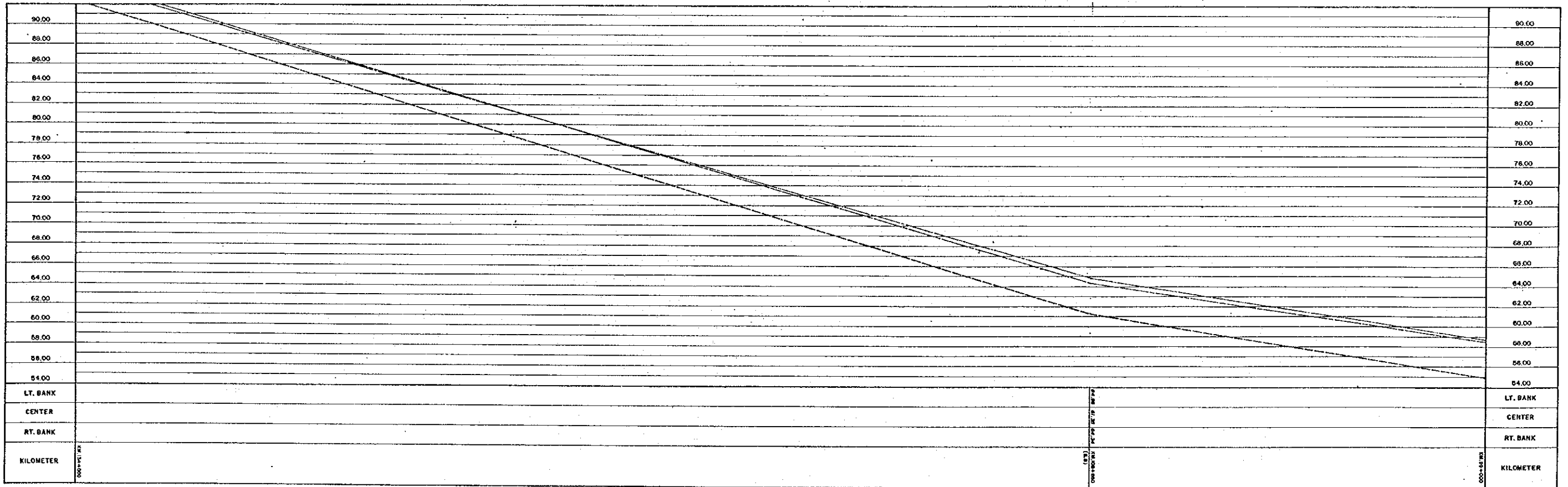
STUDY ON FLOOD FORECASTING SYSTEM
IN THE CHAO PHRAYA RIVER BASIN
THAILAND

PLAN & PROFILE SAKAE KRANG RIVER
(KM.168+900 TO KM.134+000)

DRAWN BY: T.AMHAJ	<i>T.Amha</i>	SCALE: AS SHOWN	DATE:
CHECKED BY:		DWG. NO.: B.5	SHEET NO.: 7
APPROVED BY:			



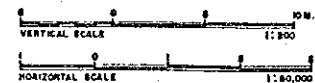
PLAN
SCALE 1:50,000



PROFILE

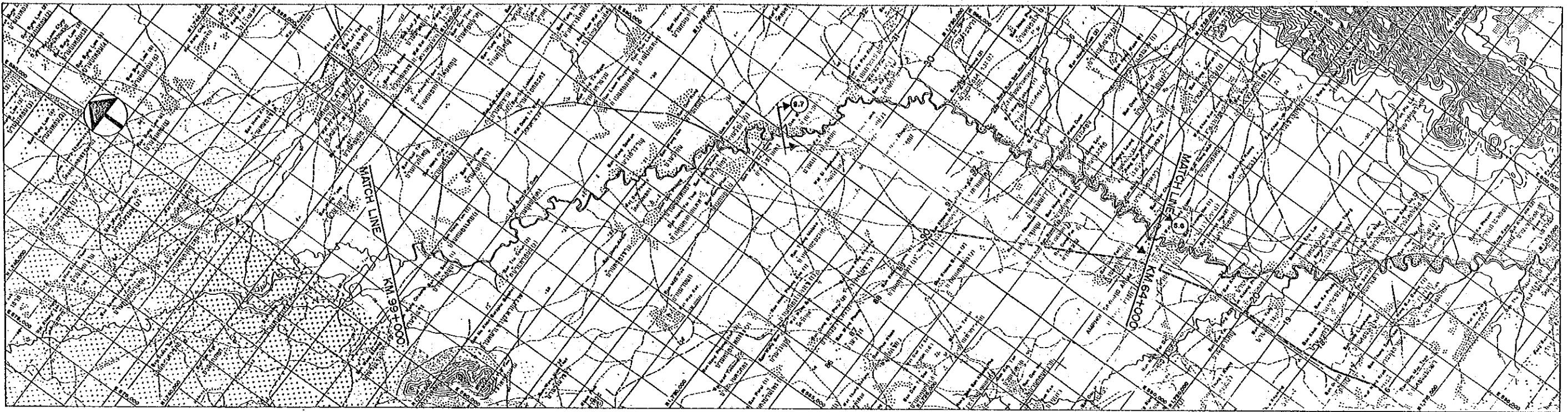
LEGEND
 - - - - - LEFT BANK
 - - - - - RIGHT BANK
 - - - - - RIVER BED

NOTES
 1. THE ELEVATION REFERED FROM MEAN SEA LEVEL (M.S.L.)
 2. THE KILOMETER IS THE APPROXIMATE DISTANCE FROM INTERSECTION CHAO PHRAYA RIVER

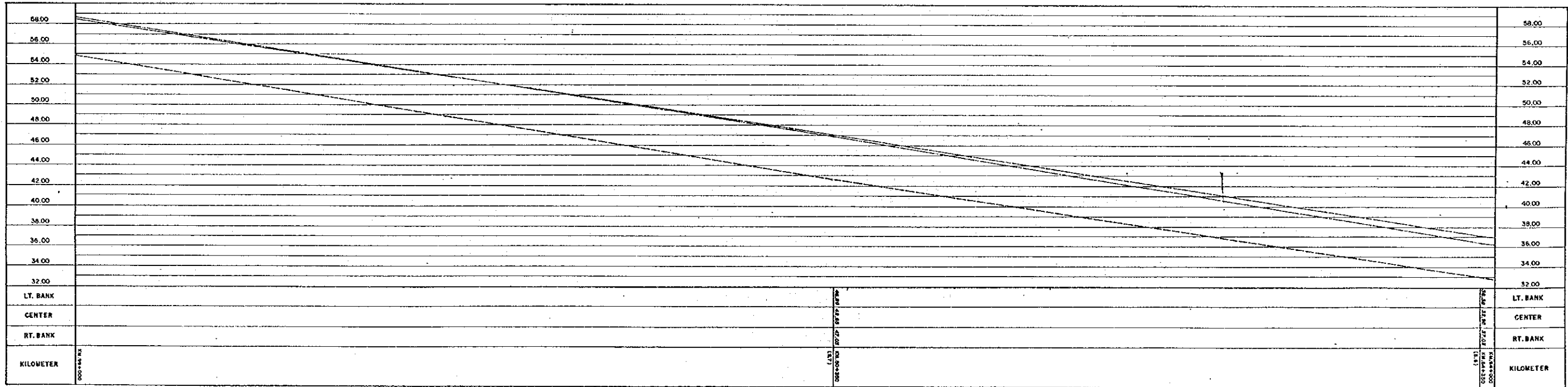


NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND			
PLAN & PROFILE SAKAE KRANG RIVER (KM. 134+000 TO KM. 99+000)			
DRWR. BY: T. AMHAJ	<i>T.A.</i>	SCALE AS SHOWN	DATE
CHECKED BY:		DWP. NO. B.6	SHEET NO. 8
APPROVED BY:			



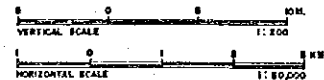
PLAN
SCALE 1:50,000



PROFILE

LEGEND
 - - - - - LEFT BANK
 - - - - - RIGHT BANK
 - - - - - RIVER BED

NOTES
 1. THE ELEVATION REFERED FROM MEAN SEA LEVEL (M.S.L.)
 2. THE KILOMETER IS THE APPROXIMATE DISTANCE FROM INTERSECTION CHAO PHRAYA RIVER



NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
 STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND

PLAN & PROFILE SAKAE KRANG RIVER (KM.99+000 TO KM.64+000)

DRAWN BY: Y. AMHAJ	SCALE AS SHOWN	DATE
CHECKED BY: <i>Orj</i>	DWA NO. B.7	SHEET NO. 9
APPROVED BY:		