

CROSS-SECTIONS RIVER BED  
CHAO PHRAYA AND SAKAE KRANG RIVER

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

番号	資料の名称
B-1	河床断面図 0/870
B-2	河床断面図 0/873-1820
B-3	河床断面図
B-4	河床断面図 (マニラ〜チャイラー)

日添付資料を示す。

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 (Km 277+000 to Km 242+000)	H= 1:50,000 V= 1:200
4	B2	Plan & Profile Chao Phraya River (Km 242+000 to Km 207+000)	H= 1:50,000 V= 1:200
5	B3	Plan & Profile Chao Phraya River (Km 207+000 to Km 172+000)	H= 1:50,000 V= 1:200
6	B4	Plan & Profile Chao Phraya River (Km 172+000 to Km 154+000)	H= 1:50,000 V= 1:200
7	B5	Plan & Profile Sakaekang River (Km 169+000 to Km 134+000)	H= 1:50,000 V= 1:200
8	B6	Plan & Profile Sakaekang River (Km 134+000 to Km 99+000)	H= 1:50,000 V= 1:200
9	B7	Plan & Profile Sakaekang River (Km 99+000 to Km 64+000)	H= 1:50,000 V= 1:200
10	B8	Plan & Profile Sakaekang River (Km 64+000 to Km 29+000)	H= 1:50,000 V= 1:200
11	B9	Plan & Profile Sakaekang River (Km 29+000 to Km 0+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 208+000)	H= 1:1,000 V= 1:100
13	C2	X-Sections Chao Phraya River (Km 208+000 to Km 267+000)	H= 1:1,000 V= 1:100
14	C3	X-Sections Chao Phraya River (Km 267+000 to Km 247+000)	H= 1:1,000 V= 1:100
15	C4	X-Sections Chao Phraya River (Km 247+000 to Km 237+000)	H= 1:1,000 V= 1:100
16	C5	X-Sections Chao Phraya River (Km 237+000 to Km 224+000)	H= 1:1,000 V= 1:100
17	C6	X-Sections Chao Phraya River (Km 224+000 to Km 212+000)	H= 1:1,000 V= 1:100
18	C7	X-Sections Chao Phraya River (Km 212+000 to Km 200+000)	H= 1:1,000 V= 1:100
19	C8	X-Sections Chao Phraya River (Km 200+000 to Km 198+000)	H= 1:1,000 V= 1:100
20	C9	X-Sections Chao Phraya River (Km 198+000 to Km 183+000)	H= 1:1,000 V= 1:100
21	C10	X-Sections Chao Phraya River (Km 183+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+500) (Diverston 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

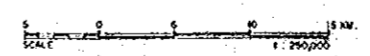
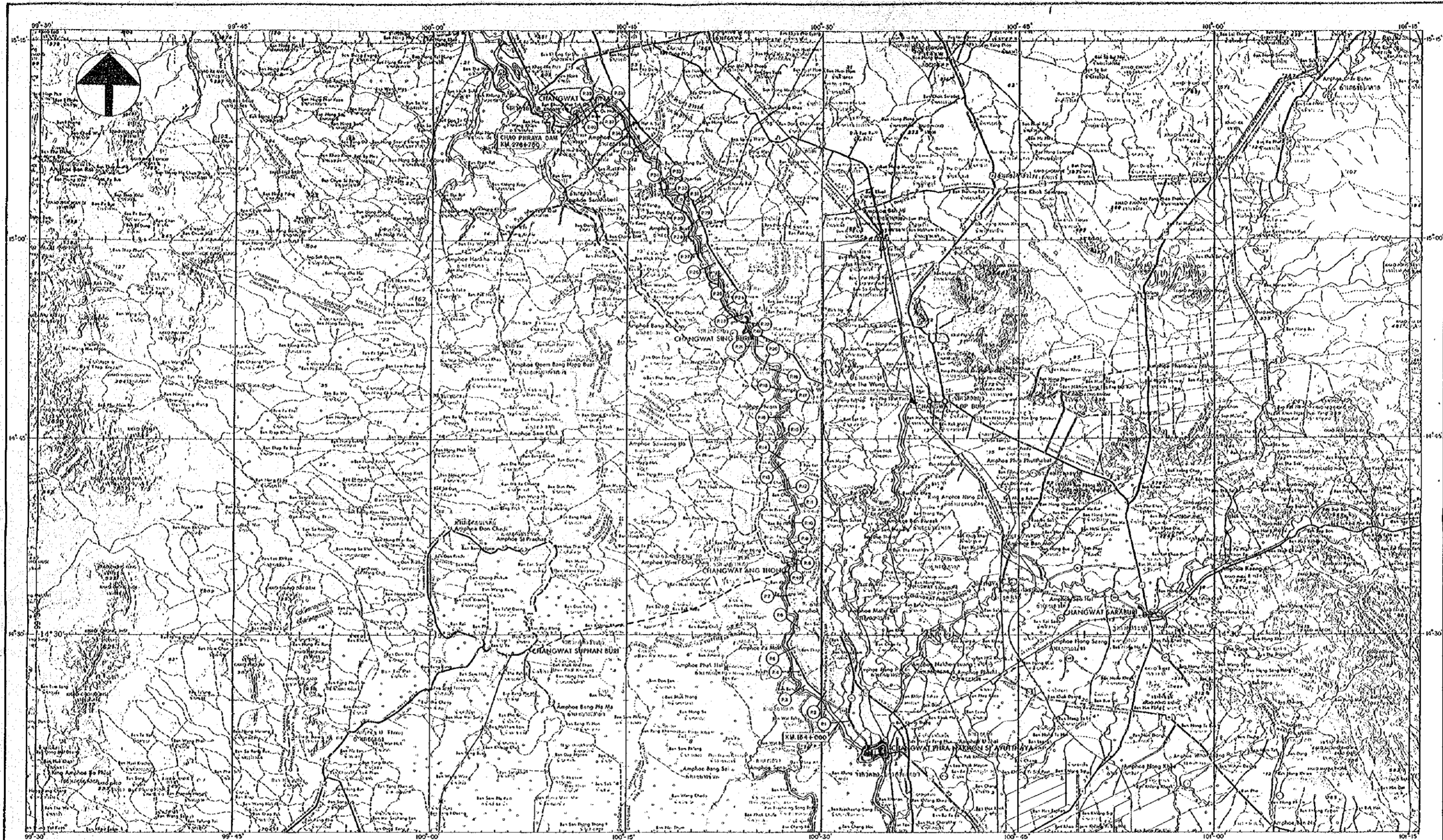
B.M.	BENCH MARK
E.D.M.	ELECTRONIC DISTANCE METER
J.I.C.A.	JAPAN INTERNATIONAL COOPERATION AGENCY
H.W.L.	HIGH WATER LEVEL
W.L.	WATER LEVEL
L.L.W.	LOWEST LOW WATER
M.M.	MONUMENT
R.I.D.	ROYAL IRRIGATION DEPARTMENT
R.T.G.	ROYAL THAI GOVERNMENT

CROSS SECTIONS RIVER BRD

River	Section	Kilometer	Location	Date Observation	H.W.L. (Year 1989)
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	16.59
	P37	268+000	A. Sapphaya Chainat	26 March 1987	16.02
	P36	266+000	A. Sapphaya Chainat	26 March 1987	16.68
	P35	263+000	A. Sapphaya Chainat	26 March 1987	16.91
	P34	260+000	A. Sapphaya Chainat	26 March 1987	15.82
	P33	257+000	A. Sapphaya Chainat	26 March 1987	16.63
	P32	255+000	A. Sapphaya Chainat	27 March 1987	15.25
	P31	252+600	A. Inburi Singburi	27 March 1987	14.63
	P30	250+000	A. Inburi Singburi	27 March 1987	14.04
	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	13.91
	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. Huang Singburi	28 March 1987	12.92
	P23	231+000	A. Huang Singburi	28 March 1987	12.45
	P22	227+600	A. Huang Singburi	28 March 1987	12.07
	P21	224+000	A. Huang Singburi	29 March 1987	12.22
	P20	221+000	A. Huang Singburi	29 March 1987	11.73
	P19	218+000	A. Phromburi Singburi	29 March 1987	11.37
	P18	216+000	A. Phromburi Singburi	29 March 1987	11.02
	P17	212+000	A. Phromburi Singburi	29 March 1987	11.04
P16	208+000	A. Phromburi Singburi	29 March 1987	10.64	
P15	206+000	A. Phromburi Singburi	30 March 1987	10.44	
P14	203+000	A. Phromburi Singburi	30 March 1987	10.18	
P13	200+000	A. Chalayo Angthong	30 March 1987	9.89	
P12	196+500	A. Chalayo Angthong	30 March 1987	9.85	
P11	191+000	A. Chalayo Angthong	30 March 1987	10.10	
P10	191+000	A. Chalayo Angthong	31 March 1987	9.86	
P9	189+000	A. Huang Angthong	31 March 1987	9.22	
P8	185+700	A. Huang Angthong	31 March 1987	8.10	
P7	179+750	A. Huang Angthong	31 March 1987	5.69	
P6	173+000	A. Pasok Angthong	1 April 1987	6.23	
P5	168+000	A. Pasok Angthong	1 April 1987	6.33	
P4	165+000	A. Pasok Angthong	1 April 1987	4.75	
P3	161+750	A. Banban Ayuthaya	1 April 1987	6.06	
P2	161+750	A. Banban Ayuthaya	1 April 1987	4.36	
P1	164+000	A. Huang Ayuthaya	1 April 1987	3.63	
P41	0+230	A. Huang Singburi	29 March 1987	12.14	
P42	0+500	A. Huang Angthong	31 March 1987	7.92	
Sakaekang	S10	168+850	A. Lat Yao Nakhon Sawan	4 April 1987	128.58
	S9	168+850	A. Lat Yao Nakhon Sawan	4 April 1987	98.02
	S8	168+850	A. Lat Yao Nakhon Sawan	4 April 1987	66.29
	S7	80+350	A. Lat Yao Nakhon Sawan	4 April 1987	47.31
	S6	64+350	A. Sawang Aron Uthai Thani	2 April 1987	38.18
	S5	46+350	A. Krok The Uthai Thani	2 April 1987	33.67
	S4	26+850	A. Huang Uthai Thani	2 April 1987	20.24
	S3	9+350	A. Huang Uthai Thani	3 April 1987	20.12
	S2	4+750	A. Huang Uthai Thani	3 April 1987	19.28
	S1	0+500	A. Huang Uthai Thani	3 April 1987	19.05

NOTES

- THE ELEVATION REFERRED FROM MEAN SEA LEVEL (MSL.)
- THE KILOMETER WHERE SHOWN IN DRAWING IS THE APPROXIMATE DISTANCE.  
- FROM BANGKOK BAR (FOR P40 TO P1)  
- 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

LOCATION MAP FOR CHAO PHRAYA RIVER

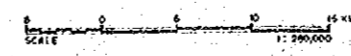
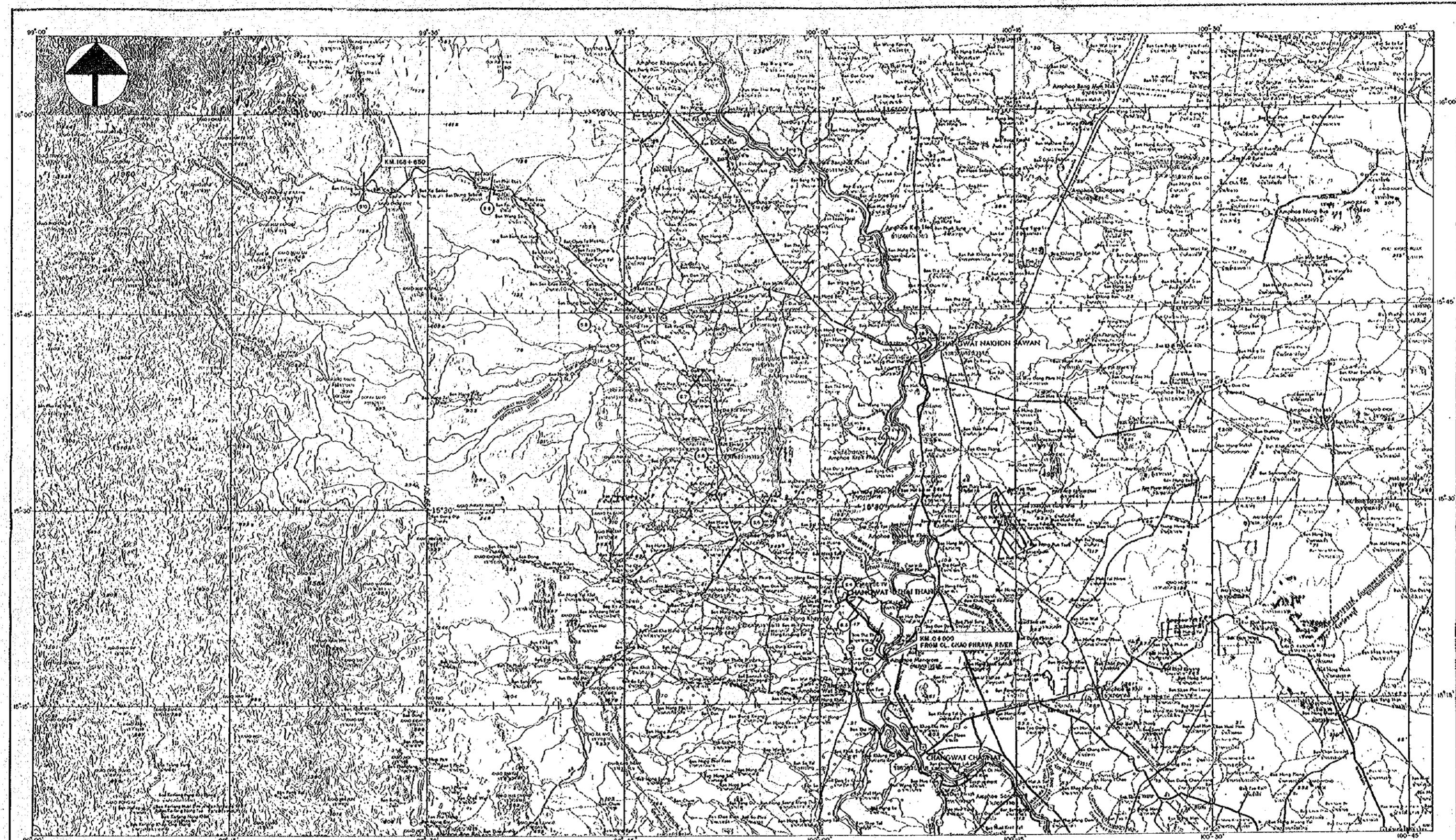
DRAWN BY: T. AMNAJ *Chy* SCALE: 1:250,000 DATE: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SHEET NO. A.1 SHEET NO. 1

NO.	REVISION	APPROVED	DATE



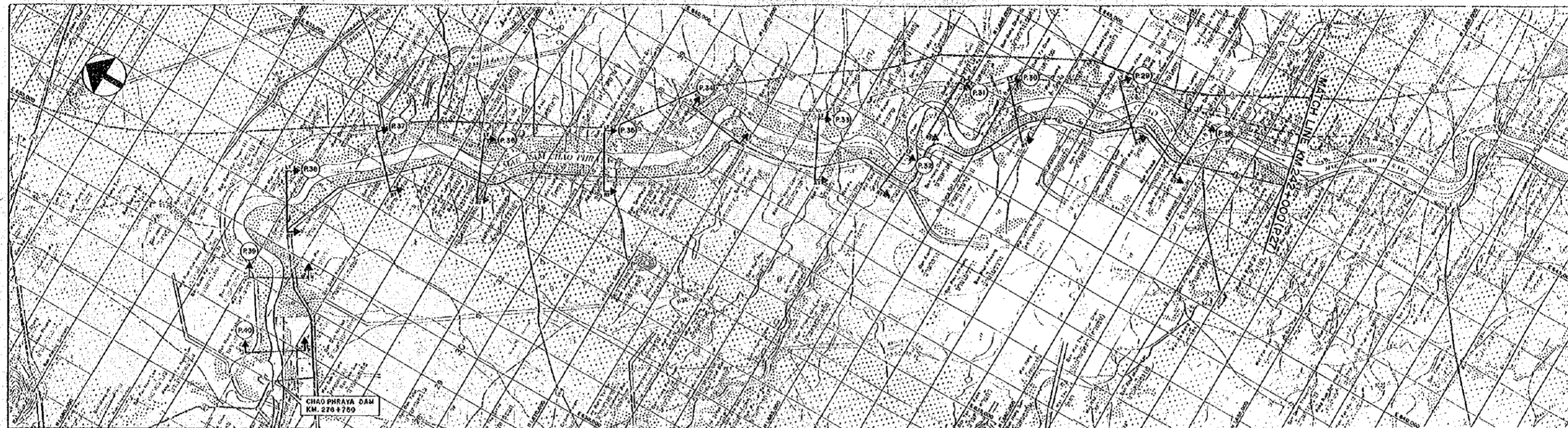
JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)

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

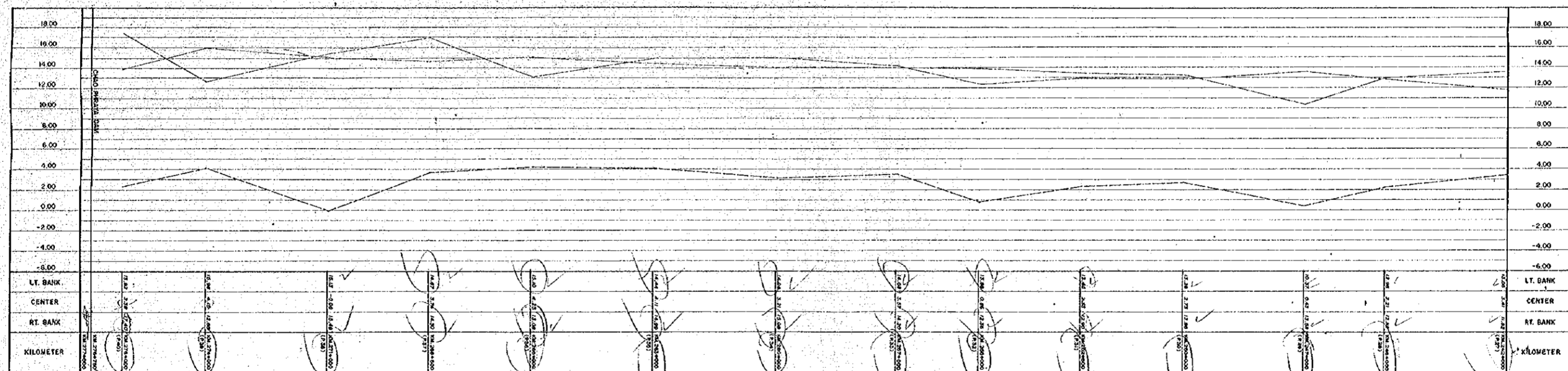
LOCATION MAP FOR SAKAE KRANG RIVER

DRAWN BY: YAJINAJ *Yaj* SCALE: 1:250,000 DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ G.S. NO. A 2 SHEET NO. 2  
 APPROVED BY: \_\_\_\_\_

NO.	REVISION	APPROVED	DATE



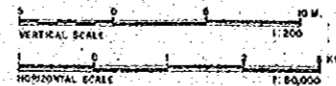
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SCALE 1:50,000



**PROFILE**

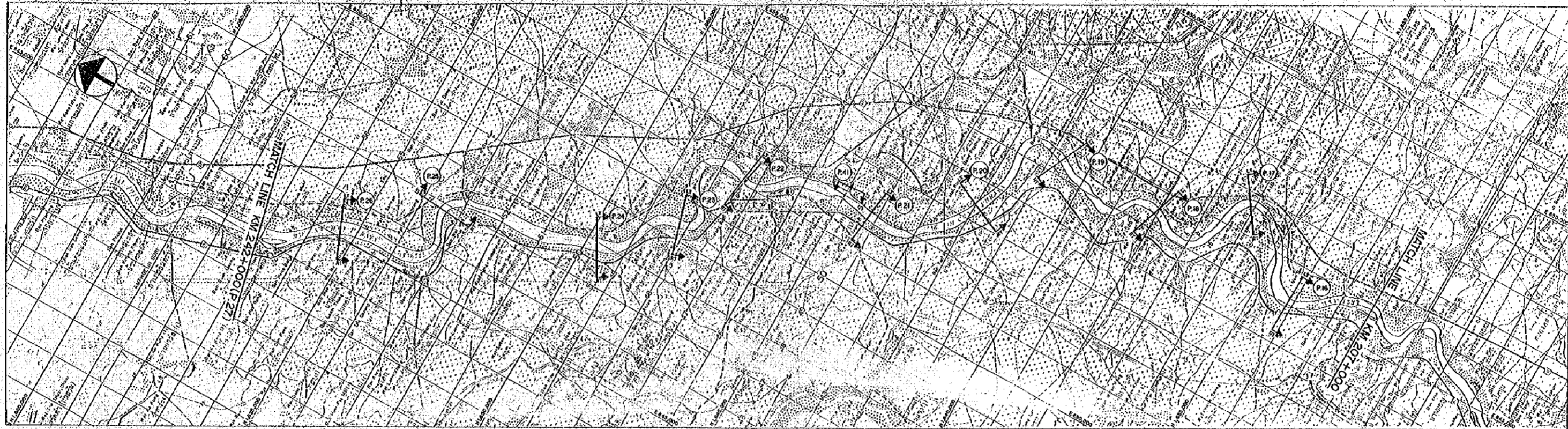
**LEGEND**  
 - - - - - LEFT BANK  
 - - - - - RIGHT BANK  
 - - - - - RIVER BED

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

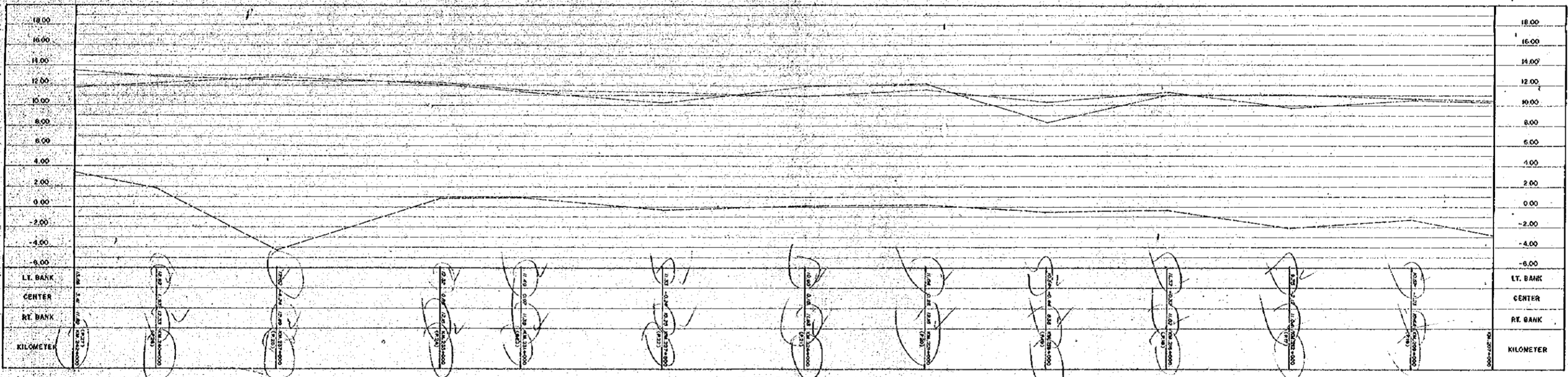


NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND			
<b>PLAN &amp; PROFILE CHAO PHRAYA RIVER (KM.277+000 TO KM.242+000)</b>			
DESIGN BY: TAWHAIJ	<i>Chy</i>	SCALE: AS SHOWN	DATE:
CHECKED BY:		DWG NO: 0.1	SHEET NO: 3
APPROVED BY:			



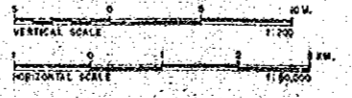
**PLAN**  
SCALE 1:50,000



**PROFILE**

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

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

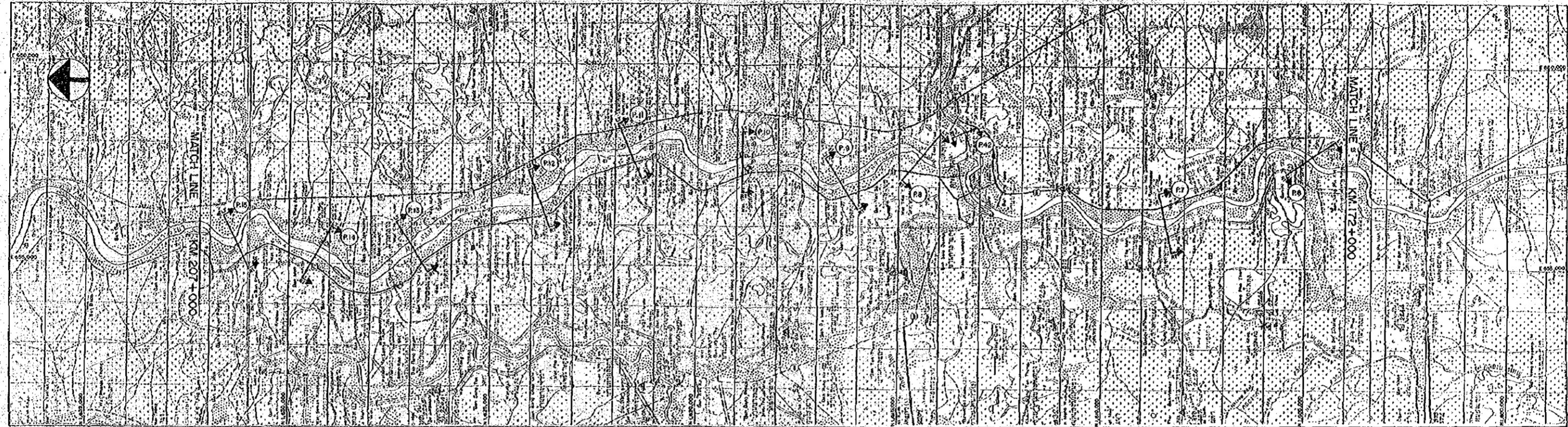


NO.	REVISION	APPROVED	DATE

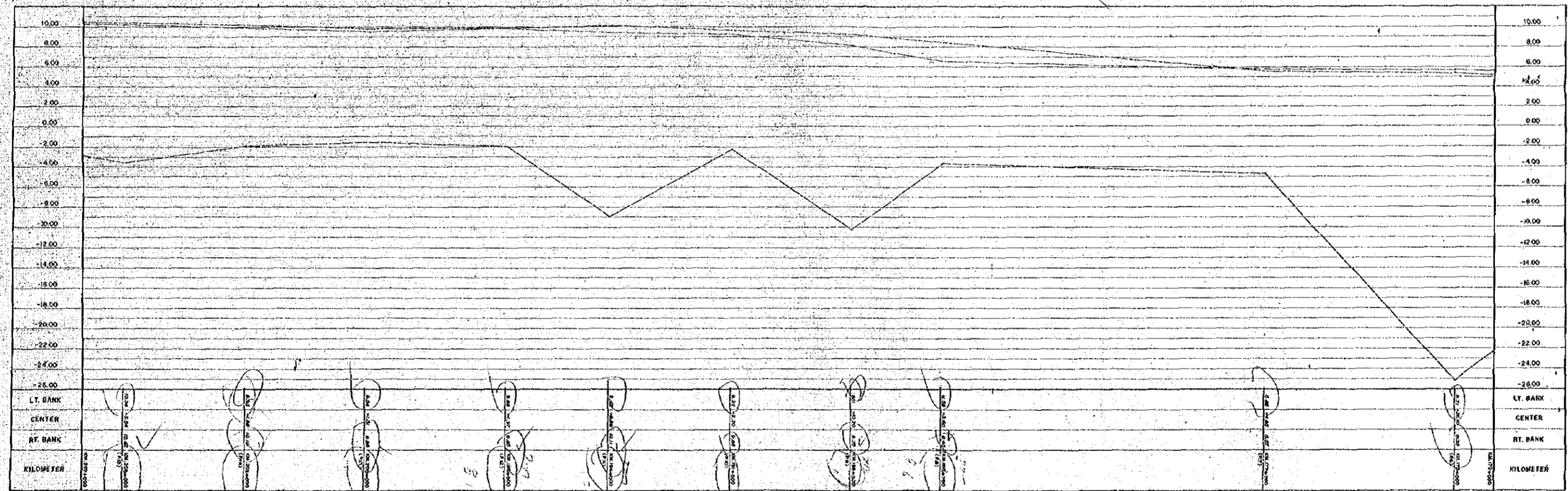
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND

**PLAN & PROFILE CHAO PHRAYA RIVER (KM.242+000 TO KM.207+000)**

DRAWN BY: T. AMINAJ	SCALE: AS SHOWN	DATE:
CHECKED BY:	DWG. NO.: 8-2	SHEET NO.: 4
APPROVED BY:		



PLAN  
SCALE 1:50,000



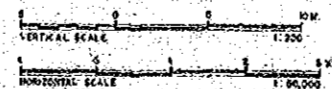
PROFILE

LEGEND

--- LT. BANK  
--- RT. BANK  
--- RIVER BED

NOTES

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



NO.	REVISION	APPROVED	DATE

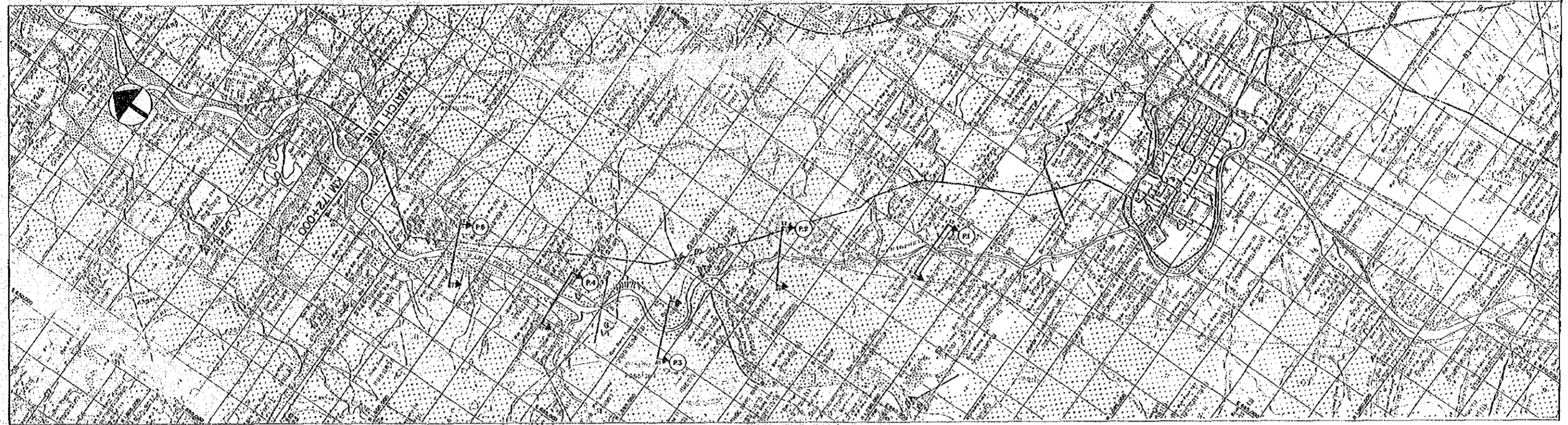
JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)

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

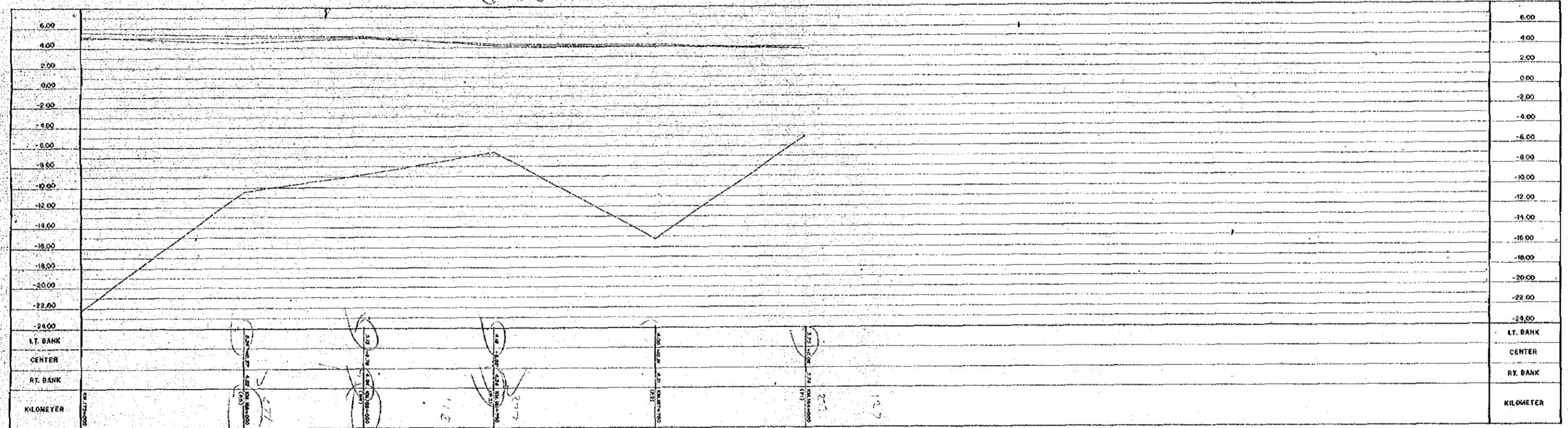
**PLAN & PROFILE CHAO PHRAYA RIVER**  
(KM.207+000 TO KM.172+000)

DRAWN BY: E.JAVNAJ  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]

SCALE: AS SHOWN  
SHEET NO. 6.3  
DATE: [Blank]  
SHEET NO. 5



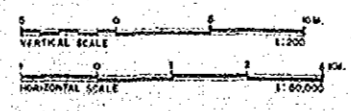
**PLAN**  
SCALE 1:50,000



**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 BANHOKK BAR



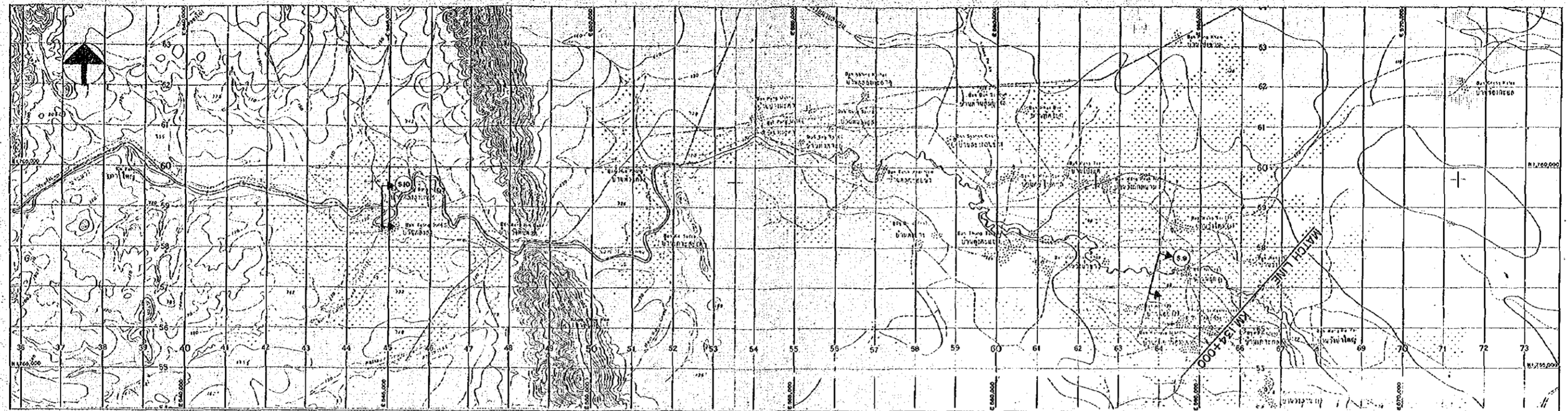
NO.	REVISION	APPROVED	DATE

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

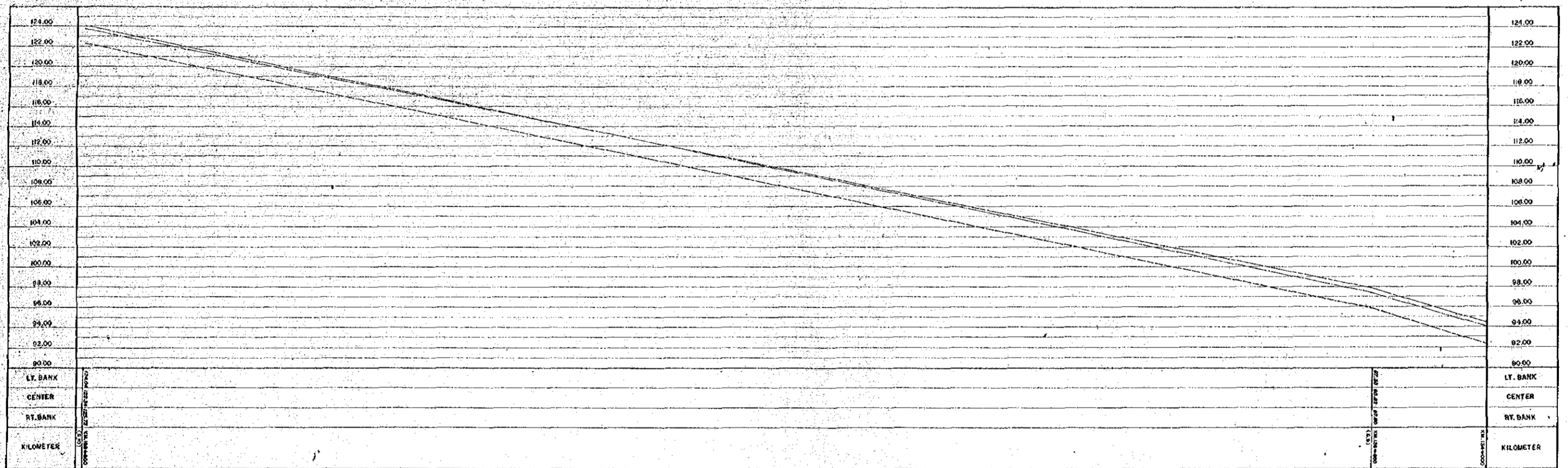
**PLAN & PROFILE CHAO PHRAYA RIVER ( KM. 172+000 TO KM. 154+000 )**

DESIGN BY: T. AWNAJ	SCALE: AS SHOWN	DATE: 1/77
CHECKED BY:	DWG. NO.: B.4	SHEET NO.: 6
APPROVED BY:		





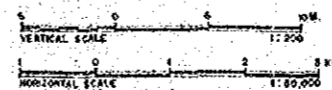
PLAN  
SCALE 1:50,000



PROFILE

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

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

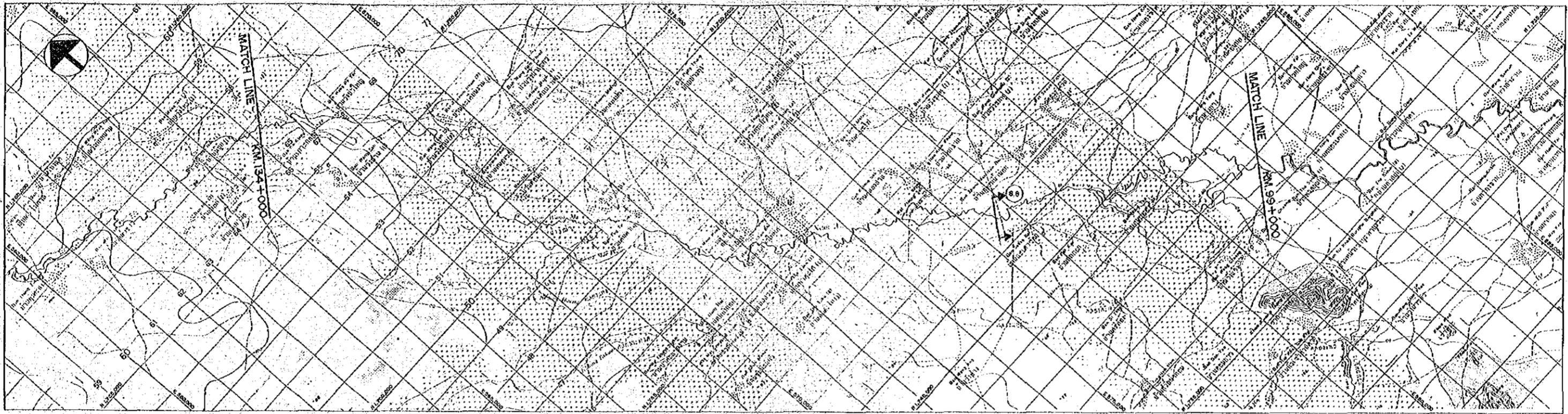


NO.	REVISION	APPROVED	DATE

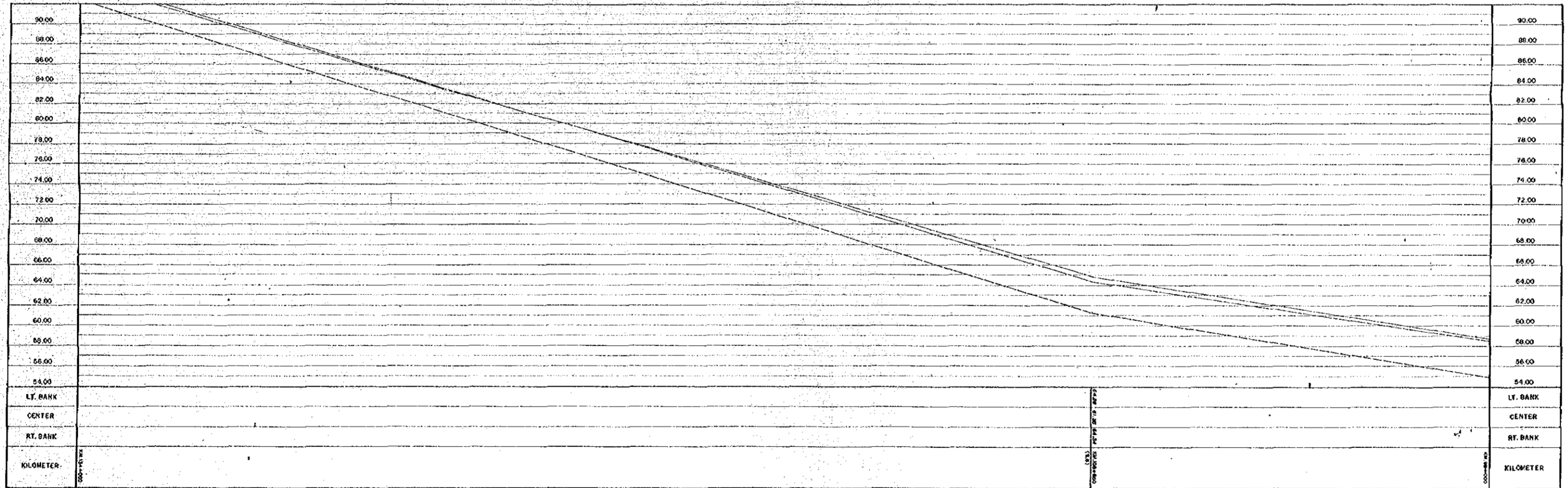
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND

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

DRAWN BY: T. ANNAJ	SCALE AS SHOWN	DATE
CHECKED BY:	OFF. NO. 8.5	SHEET NO. 7
APPROVED BY:		



**PLAN**  
SCALE 1:50,000



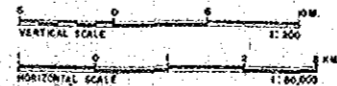
**PROFILE**

**LEGEND**

- LT. BANK
- RT. BANK
- RIVER BED

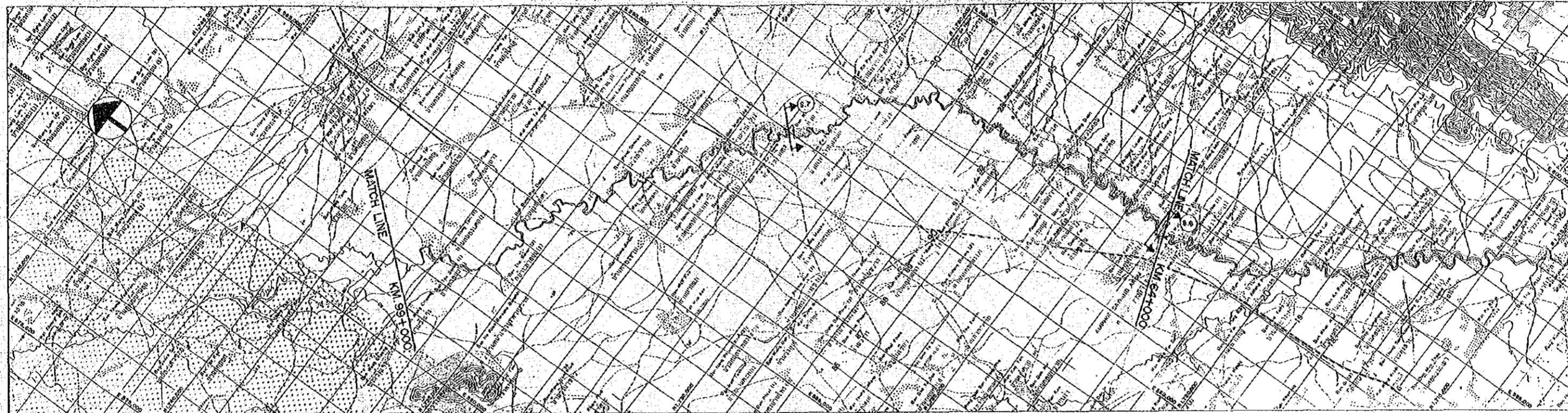
**NOTES**

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

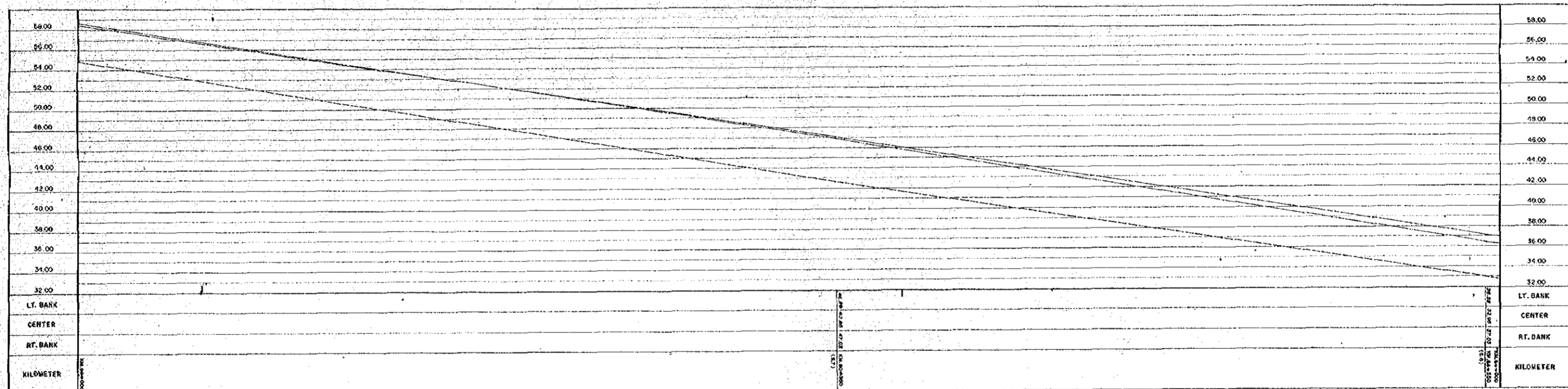


NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND			
<b>PLAN &amp; PROFILE SAKAE KRANG RIVER</b> ( KM.134+000 TO KM. 99+000 )			
DESIGN BY:	T. AMNAD	SCALE:	AS SHOWN
CHECKED BY:	<i>[Signature]</i>	DWG. NO.:	D.6
APPROVED BY:		SHEET NO.:	8



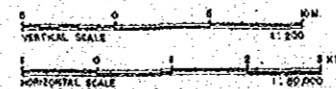
**PLAN**  
SCALE 1:60,000



**PROFILE**

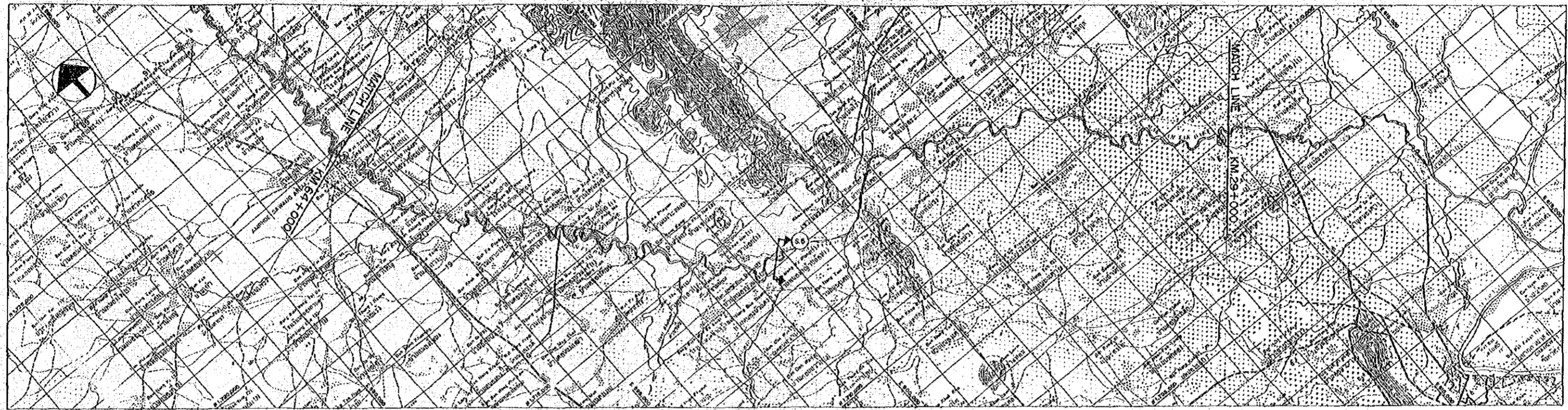
**LEGEND**  
 - - - - - LEFT BANK  
 - - - - - RIGHT BANK  
 - - - - - RIVER BED

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



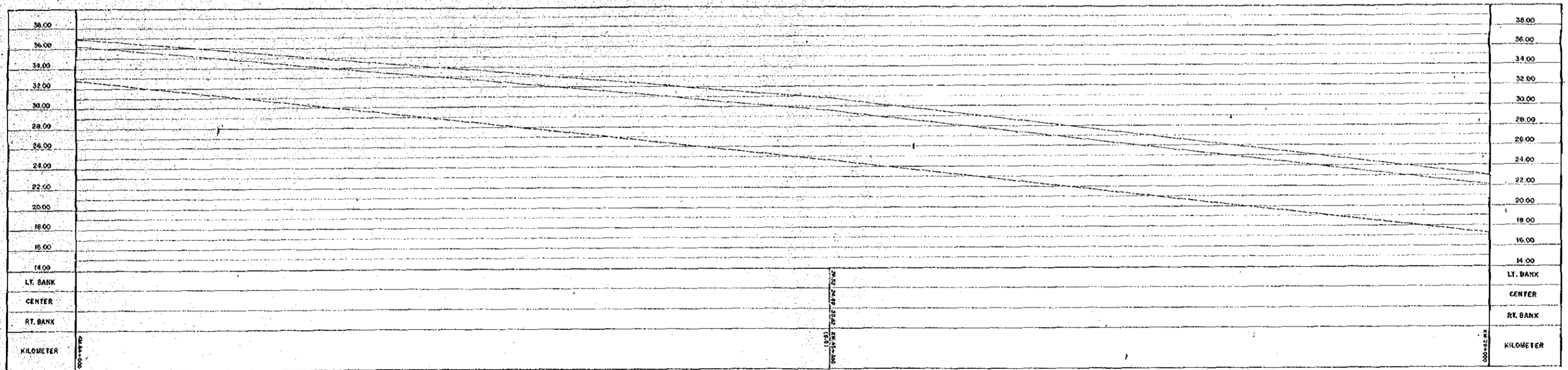
NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND			
<b>PLAN &amp; PROFILE SAKAE KRANG RIVER</b> (KM.99+000 TO KM.64+000)			
DRAWN BY: E. AMMAJ	SCALE AS SHOWN	DATE	
CHECKED BY:	DWG. NO. 0.7	SHEET NO. 9	
APPROVED BY:			



**PLAN**

SCALE 1:50,000



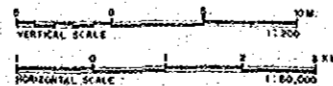
**PROFILE**

**LEGEND**

- LEFT BANK
- RIGHT BANK
- RIVER BED

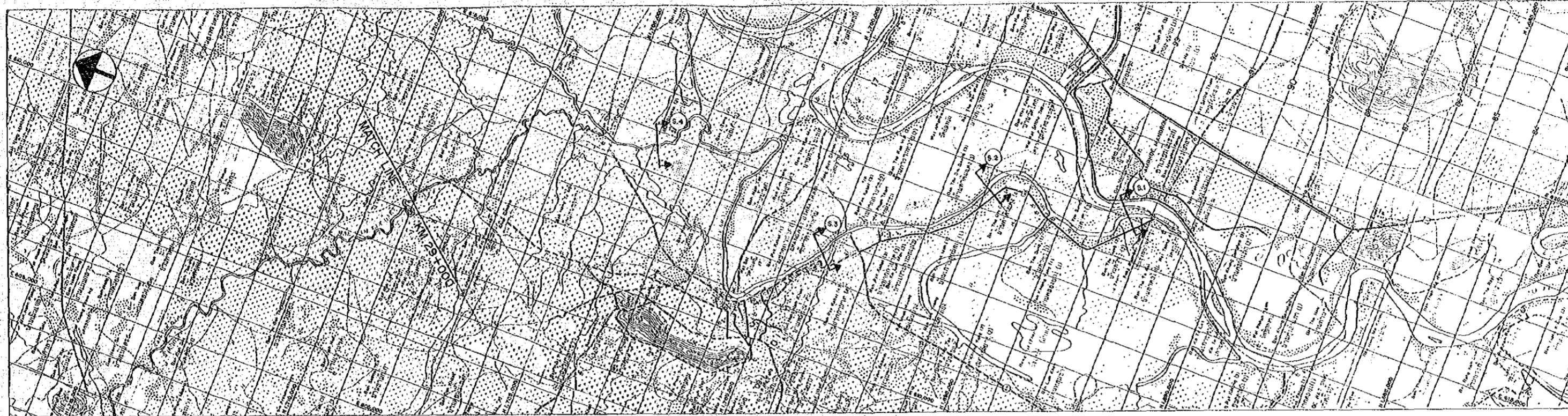
**NOTES**

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

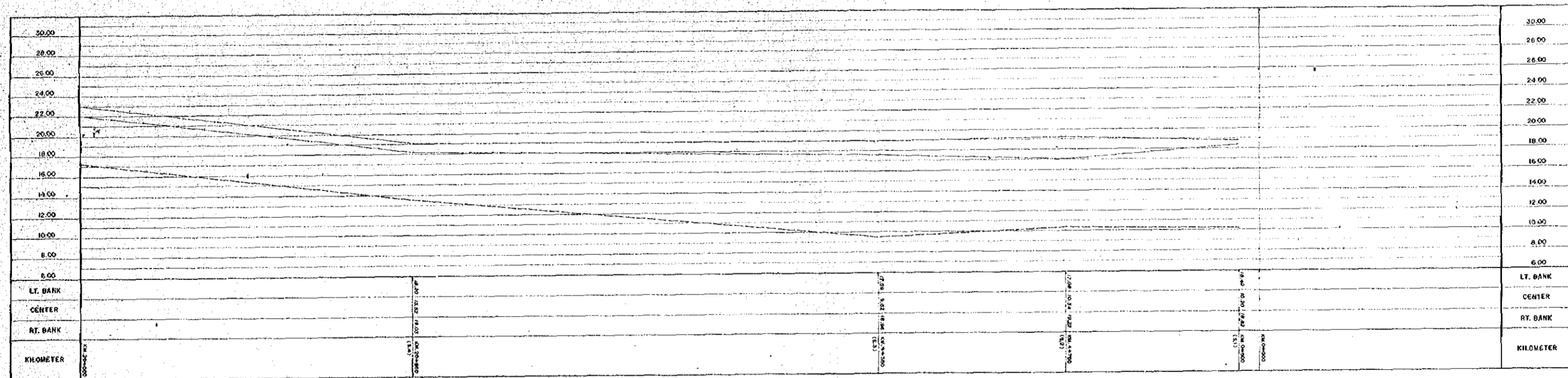


NO.	REVISION	APPROVED	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON FLOOD FORECASTING SYSTEM IN THE CHAO PHRAYA RIVER BASIN THAILAND			
<b>PLAN &amp; PROFILE SAKAE KRANG RIVER</b> (KM. 64+000 TO KM. 29+000)			
DRAWN BY:	T. AN/MLJ	SCALE:	AS SHOWN
CHECKED BY:	<i>[Signature]</i>	DWG. NO.:	88
APPROVED BY:		DATE:	10



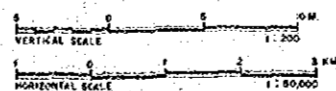
**PLAN**  
SCALE 1:50,000



**PROFILE**

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

**NOTES**  
 1. THE ELEVATION REFERRED 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  
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 STUDY ON FLOOD FORECASTING SYSTEM  
 IN THE CHAO PHRAYA RIVER BASIN  
 THAILAND

**PLAN & PROFILE SAKAE KRANG RIVER**  
 (KM. 29+000 TO KM. 0+500)

DRAWN BY: Y. ANNAJ	SCALE: AS SHOWN	DATE:
CHECKED BY:	DWG. NO. B.9	SHEET NO. II
APPROVED BY:		