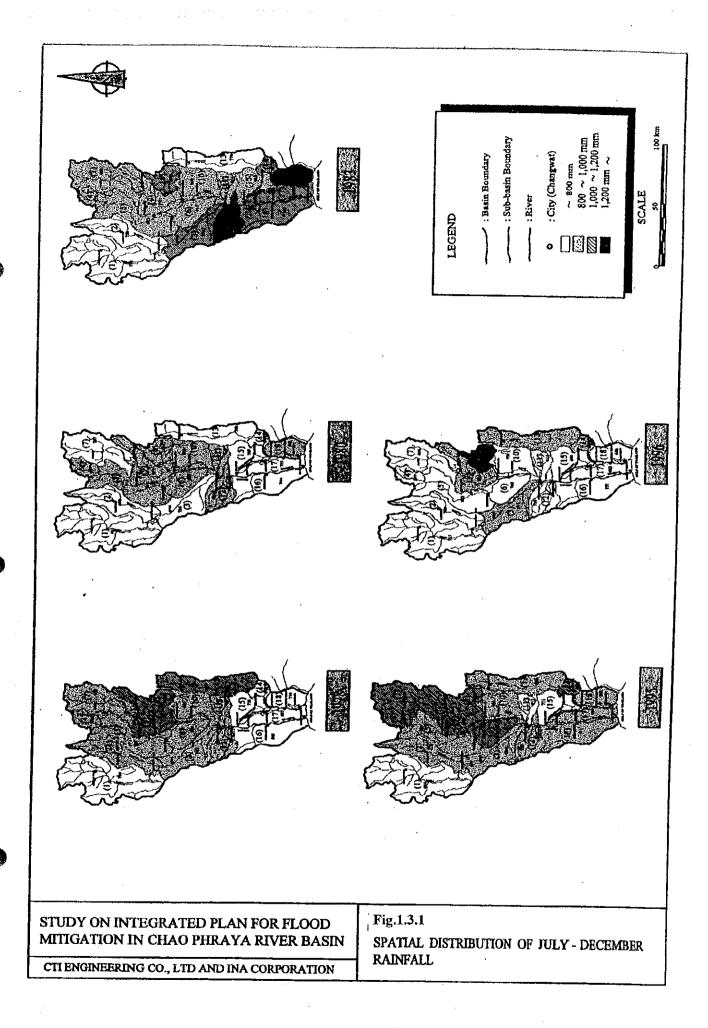
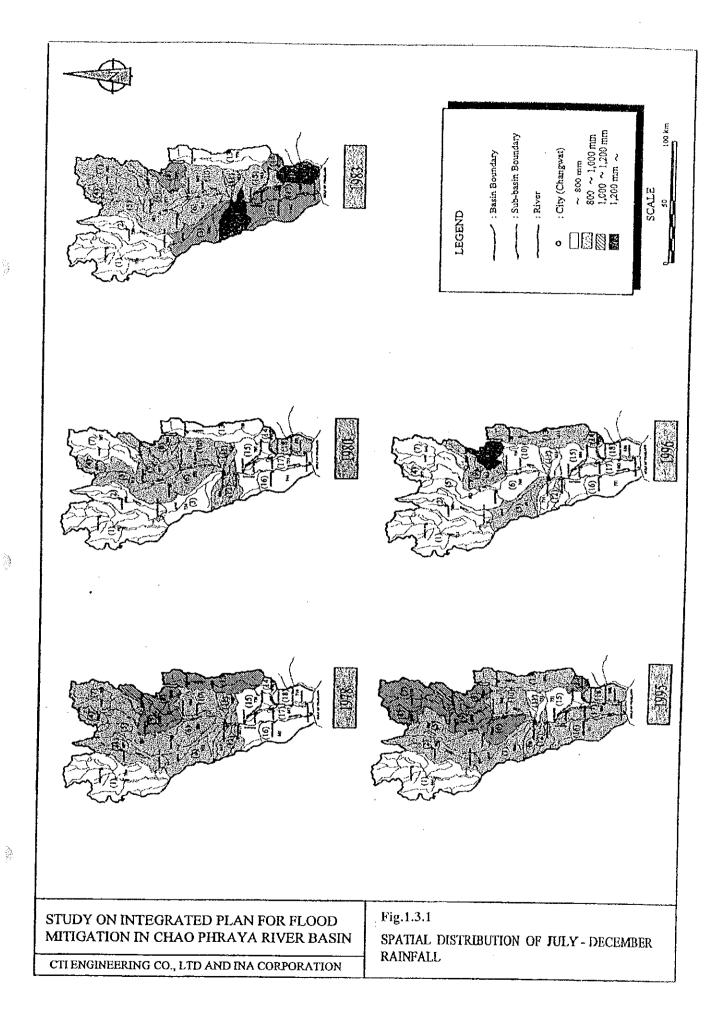
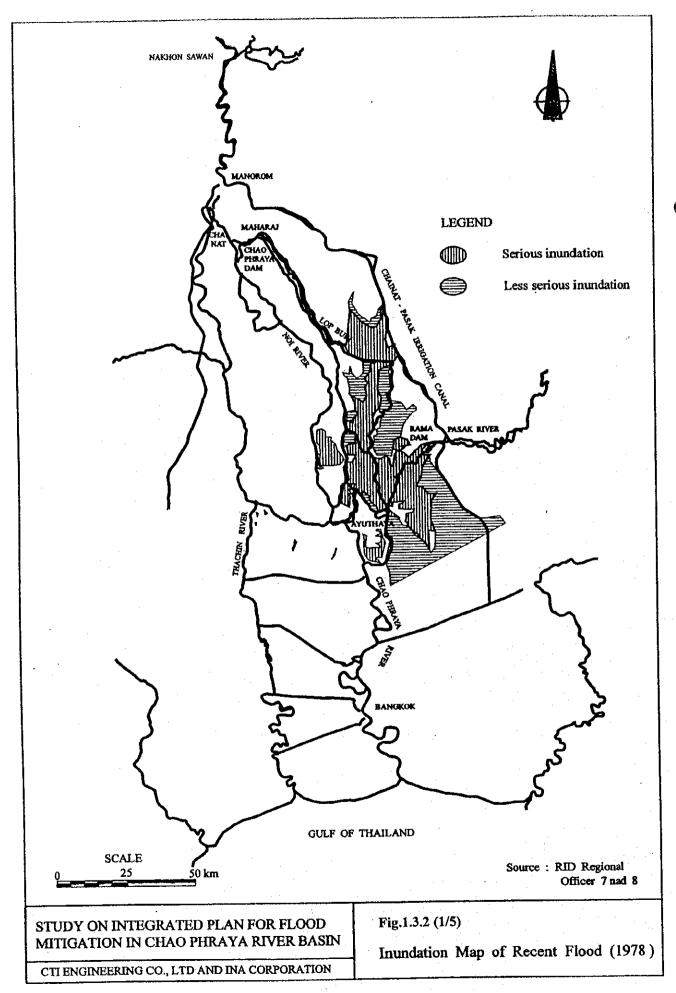
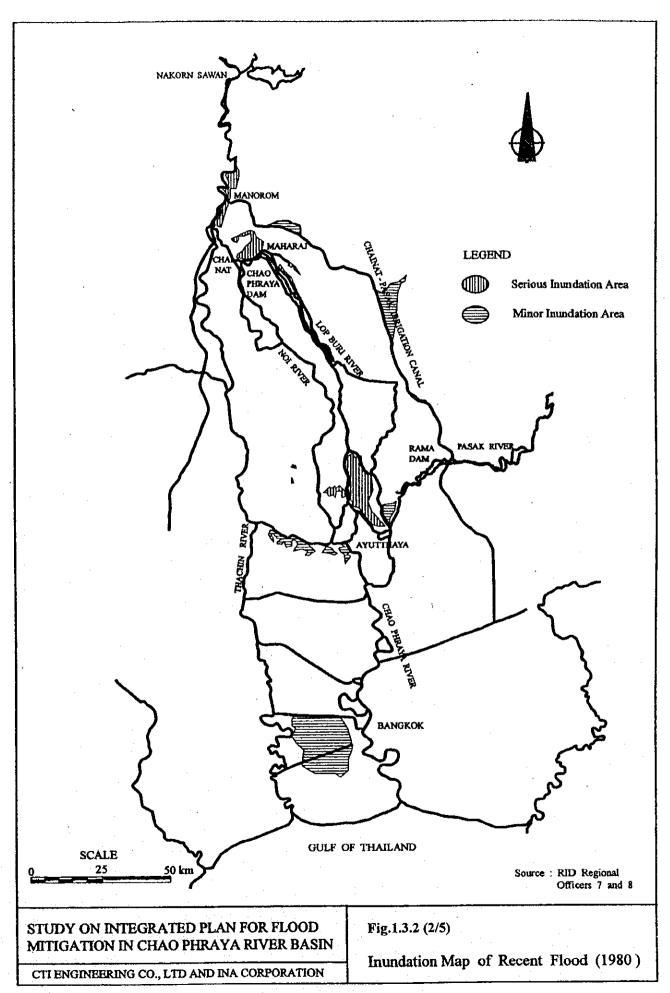
## Figures

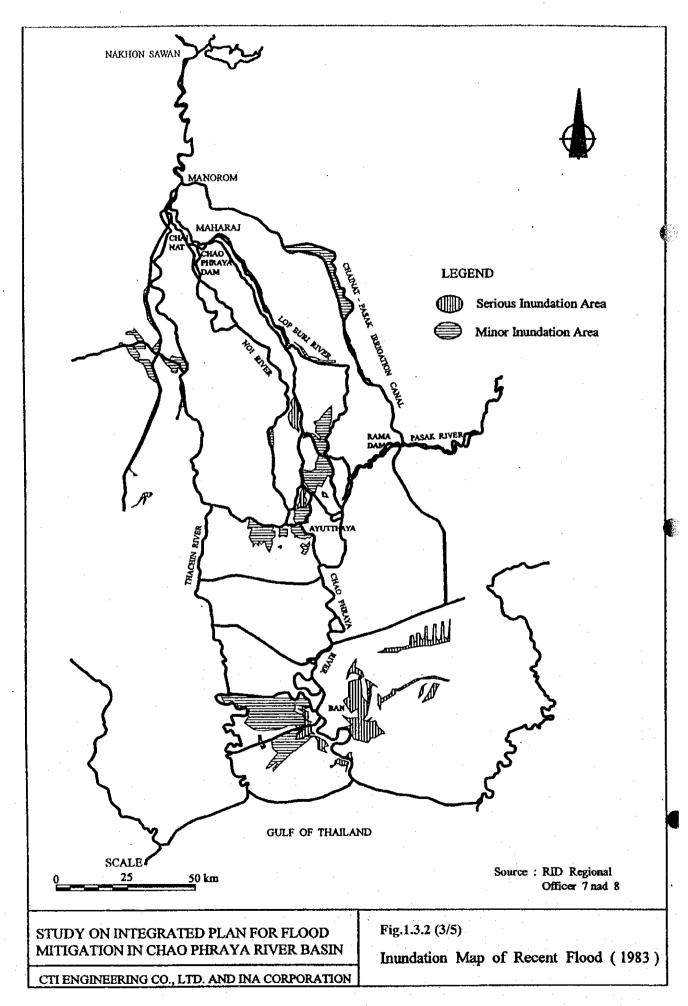






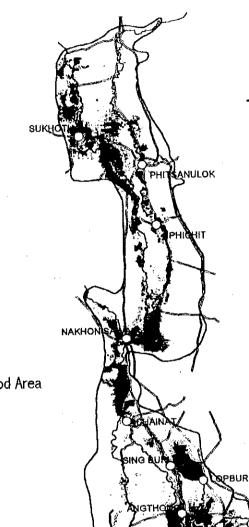






## SIMULATDE FLOOD MAP - 1995

O TAK



○ Cities ✓ Boundaly of Probable Maximum Flood Area

Main River
Road
Water Depth (m)

0,2 - 0.5 0.5 - 1

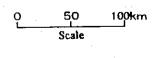
1 - 1.5

2 - 2.5

2.5 - 3

3 - 3.5

> 3.5 \ / Coast.shp



STUDY ON ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAOPHRAYA RIVER BASIN

CTI ENGINEERING CO., LTD & INA CORPORATION

Fig.1.3.2 (4/5)

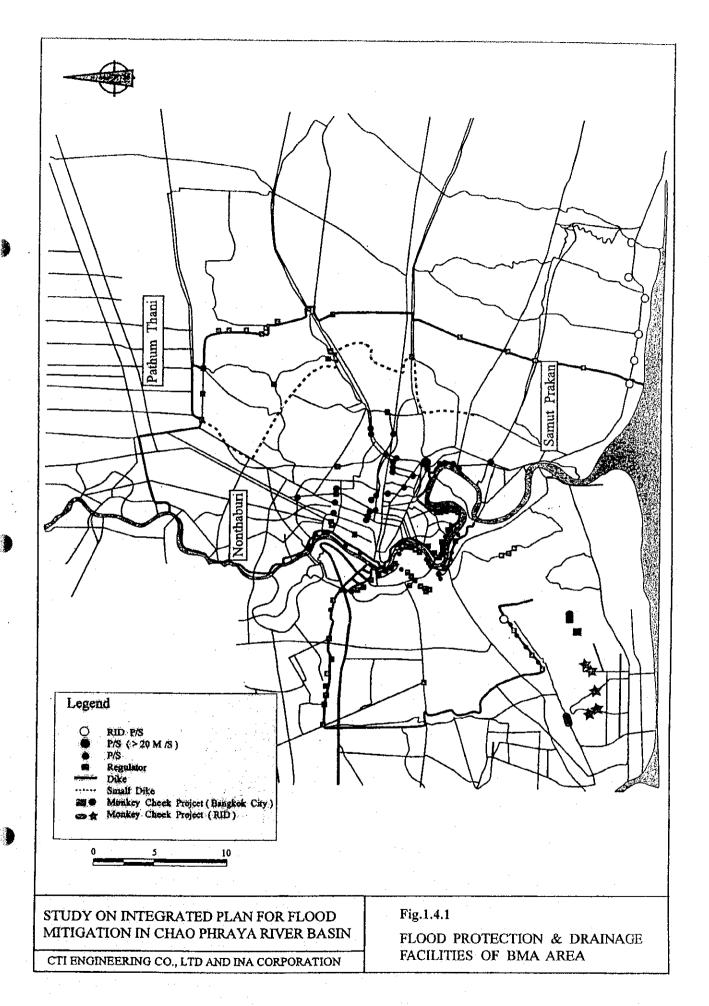
INUNDATION MAP OF RECENT FLOOD (1995)

GULF OF THAILAND

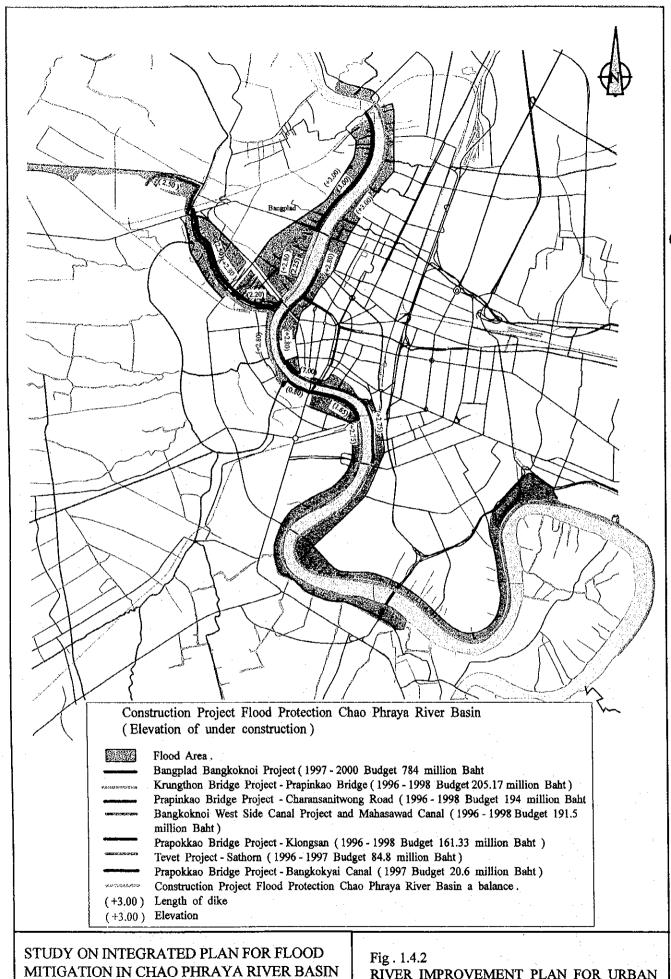
## SIMULATED FLOOD MAP - 1996 ${\sf O}_{\sf TAK}$ PHITMANULOK Cities Boundaly of Probable Maximum Flood Area Main River Road Water Depth (m) 0.2 - 0.50.5 - 11 - 1.5 1.5 - 22 - 2.52.5 - 33 - 3.5> 3.5 Coast.shp 100km GULF OF THAILAND

STUDY ON ON INTEGRATED PLAN FOR FLOOD
MITIGATION IN CHAOPHRAYA RIVER BASIN
CTI ENGINEERING CO., LTD & INA CORPORATION

Fig.1.3.2 (5/5)
INUNDATION MAP OF RECENT FLOOD (1996)

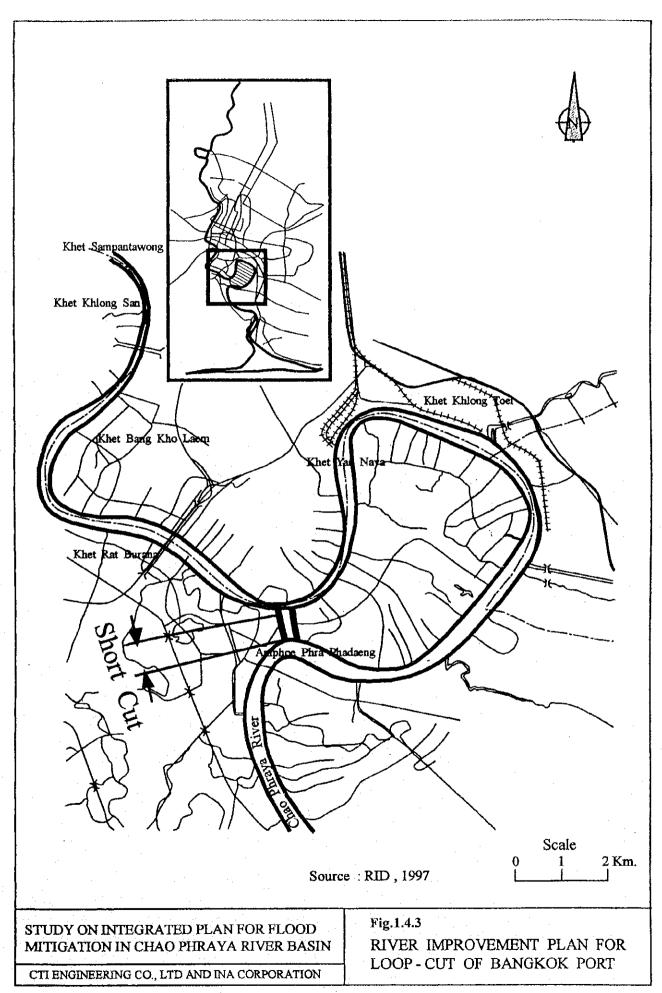


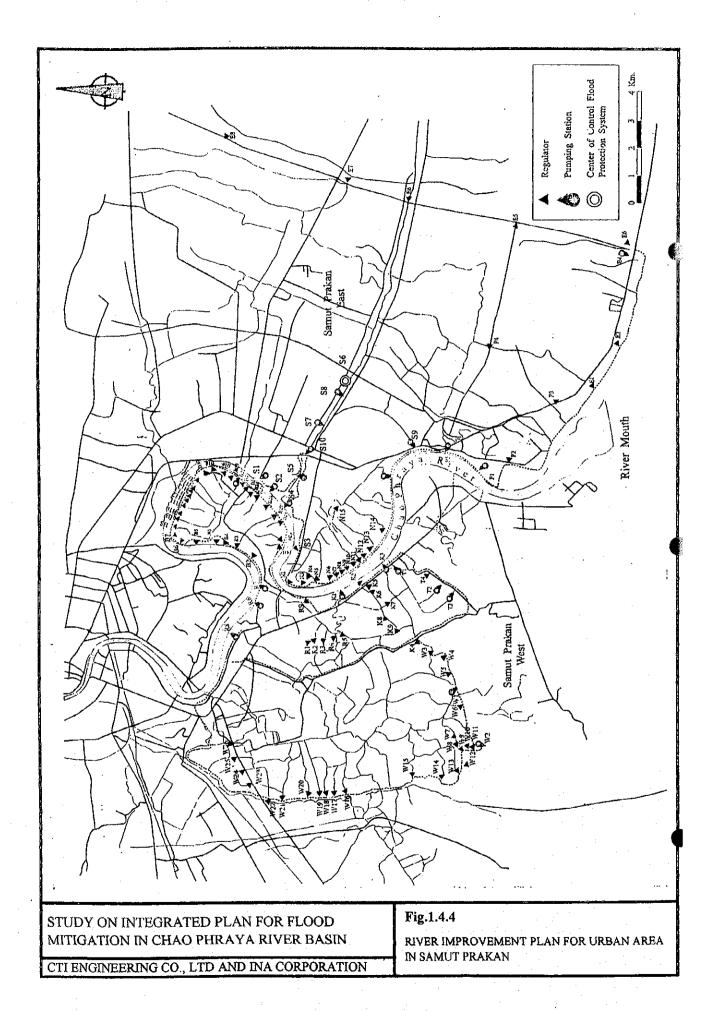
VI - F - 7

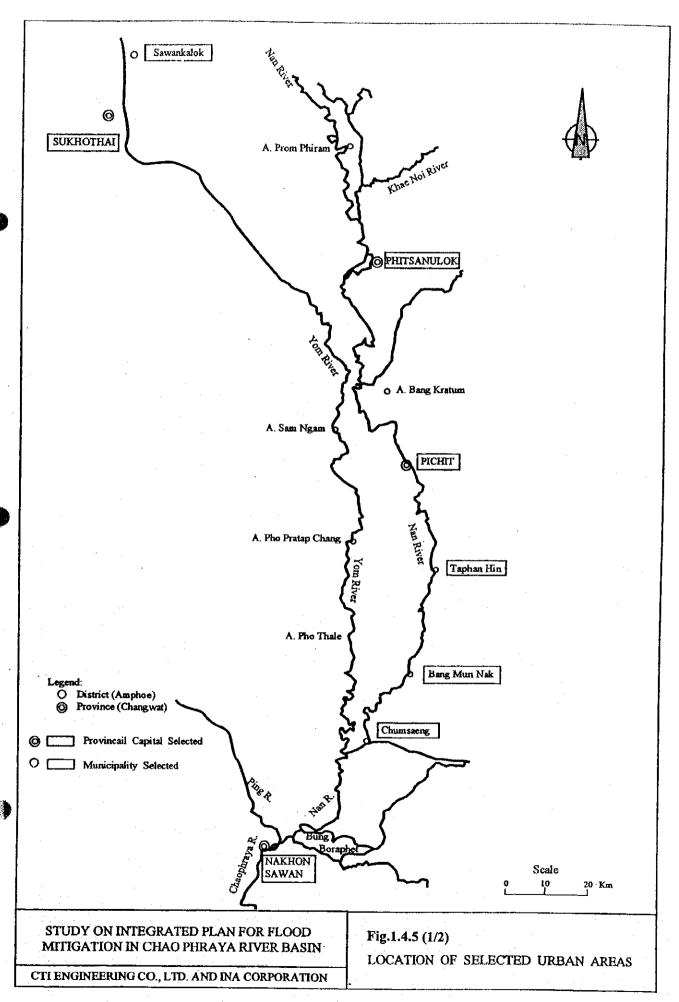


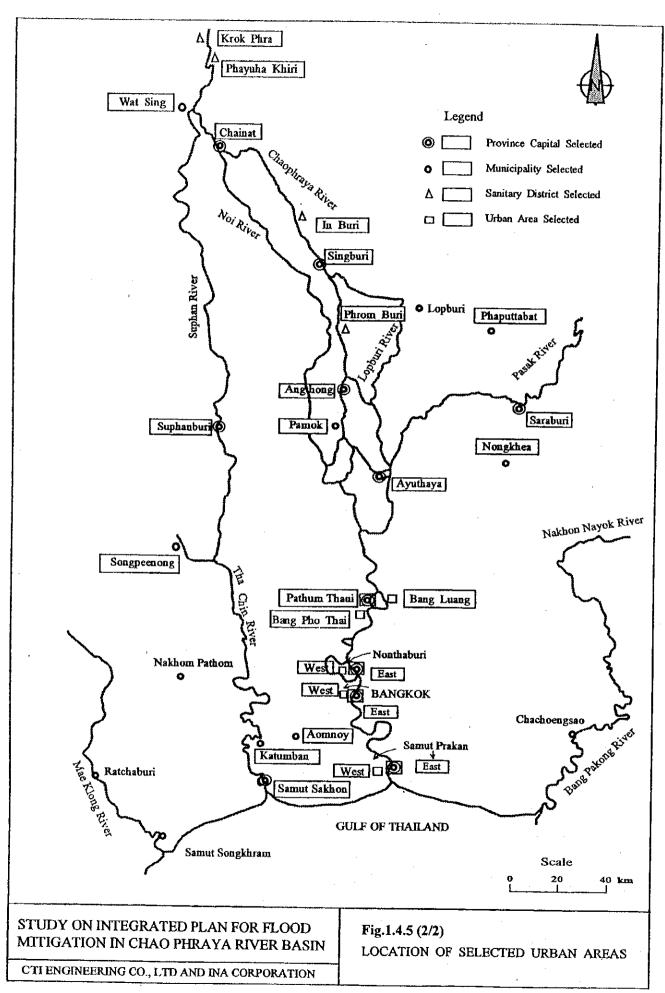
CTI ENGINEERING CO., LTD AND INA CORPORATION

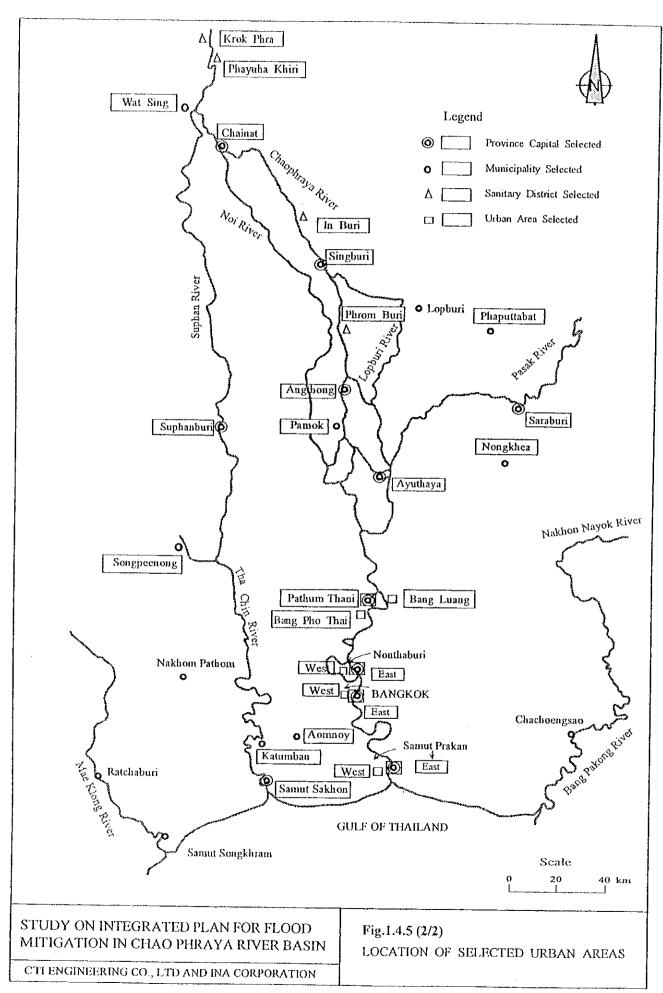
RIVER IMPROVEMENT PLAN FOR URBAN AREA (BANGKOK)

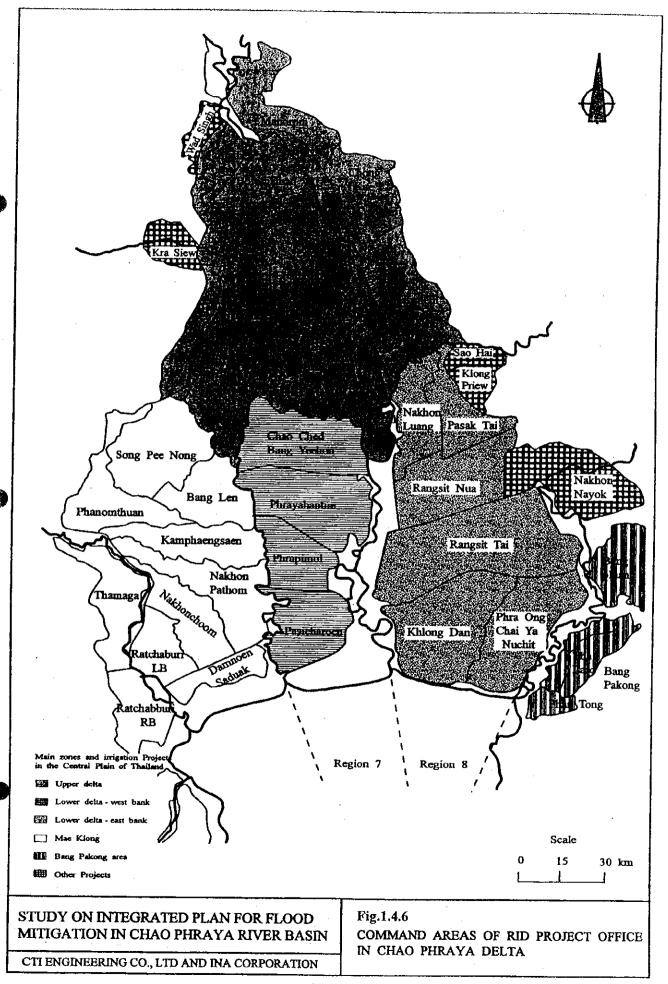


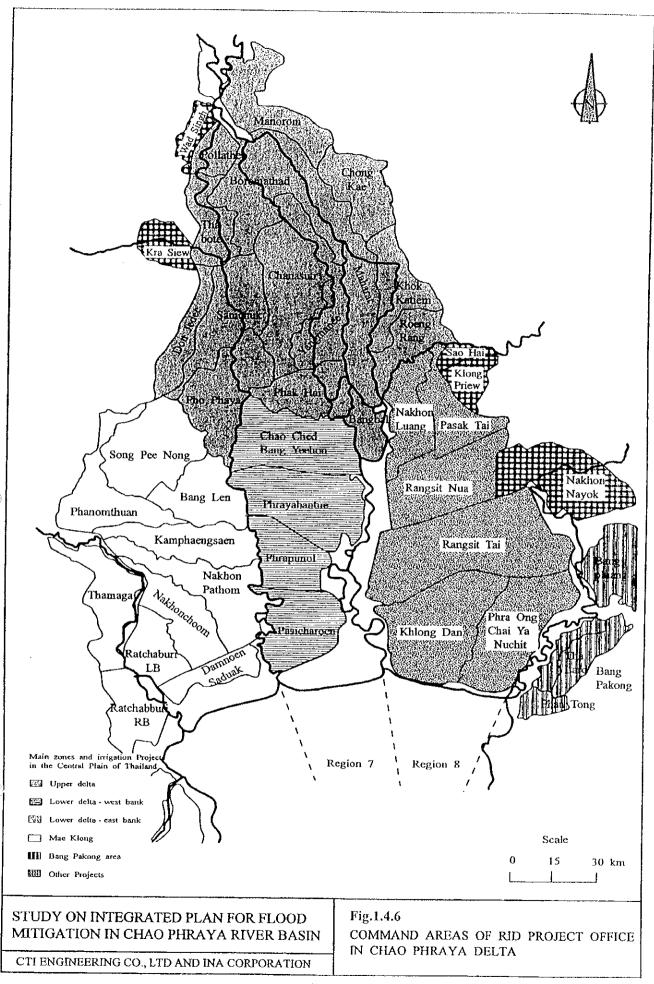






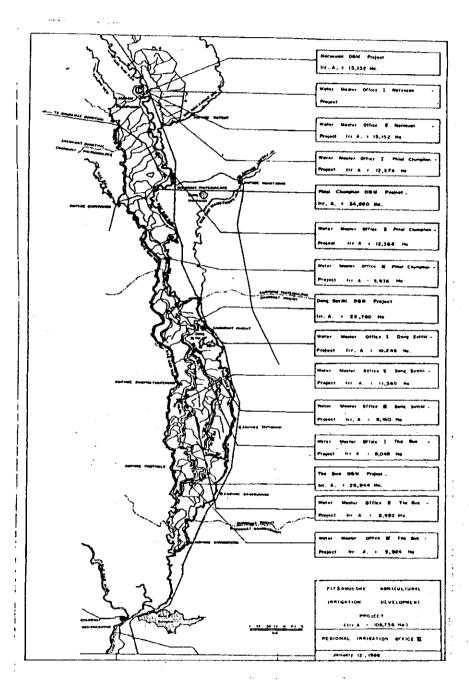








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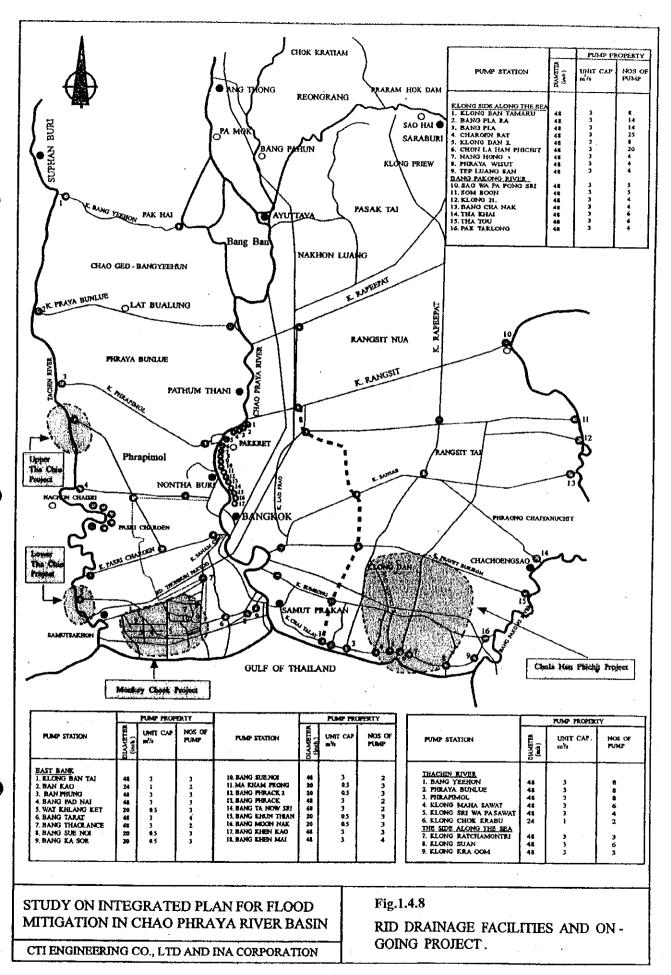


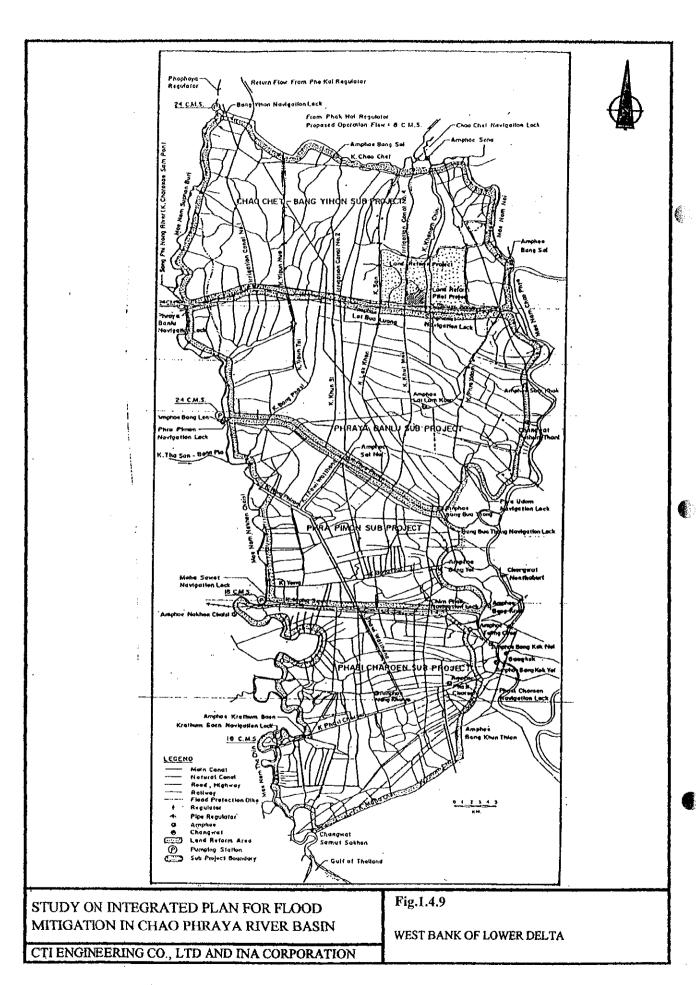
STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

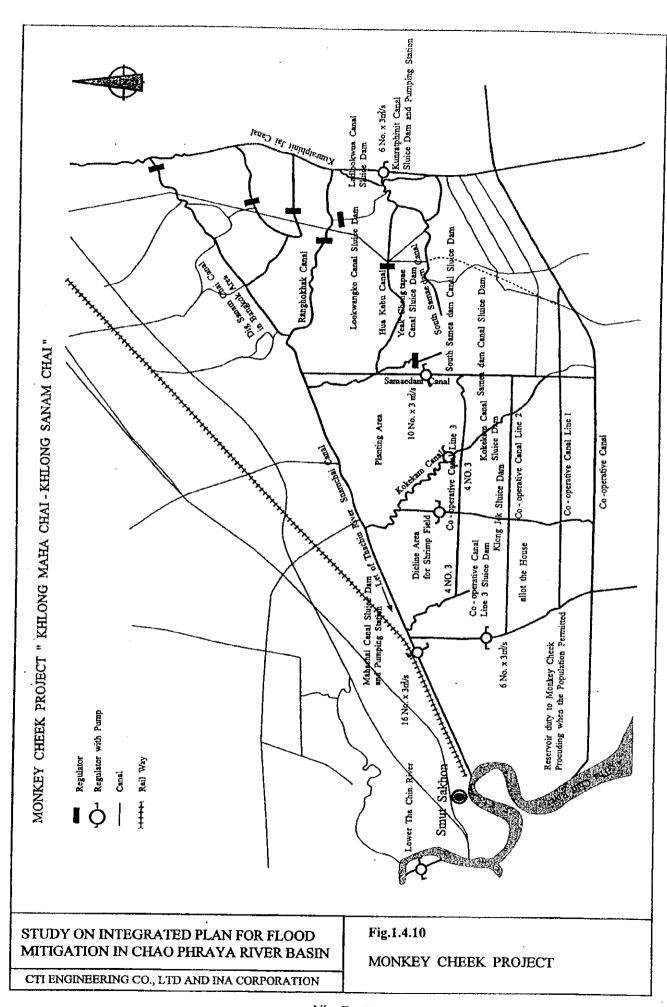
CTI ENGINEERING CO., LTD AND INA CORPORATION

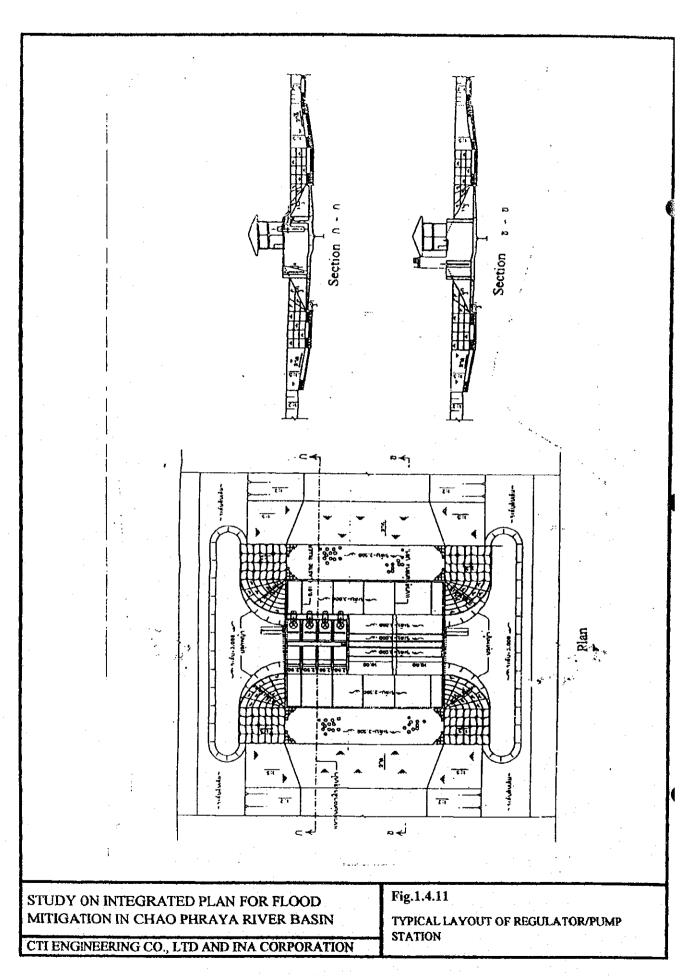
Fig.1.4.7

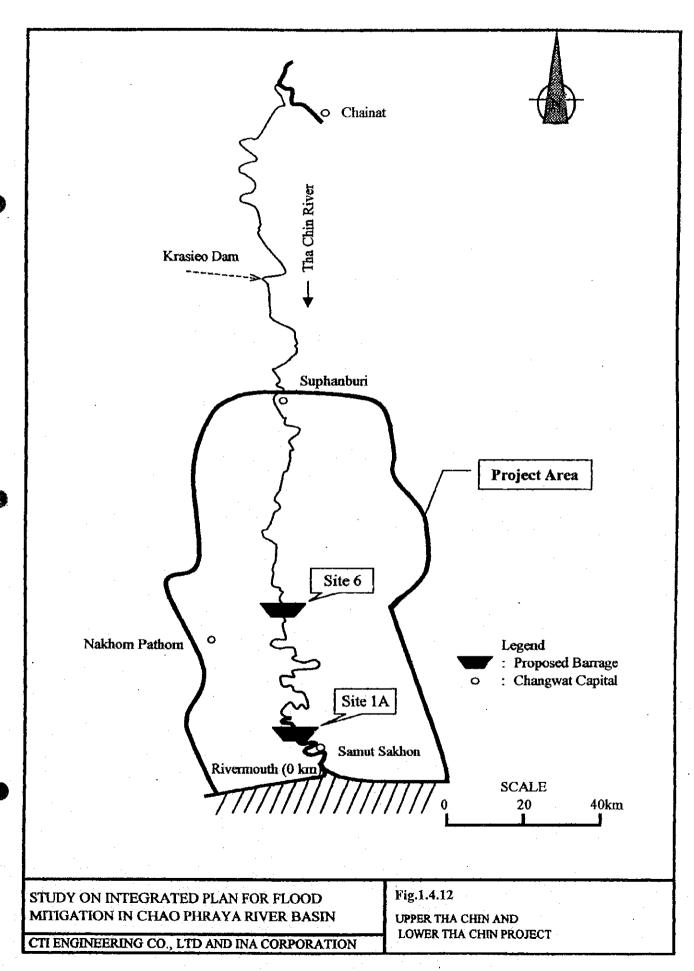
COMMAND AREA OF RID PROJECT OFFICE IN YOM-NAN BASIN

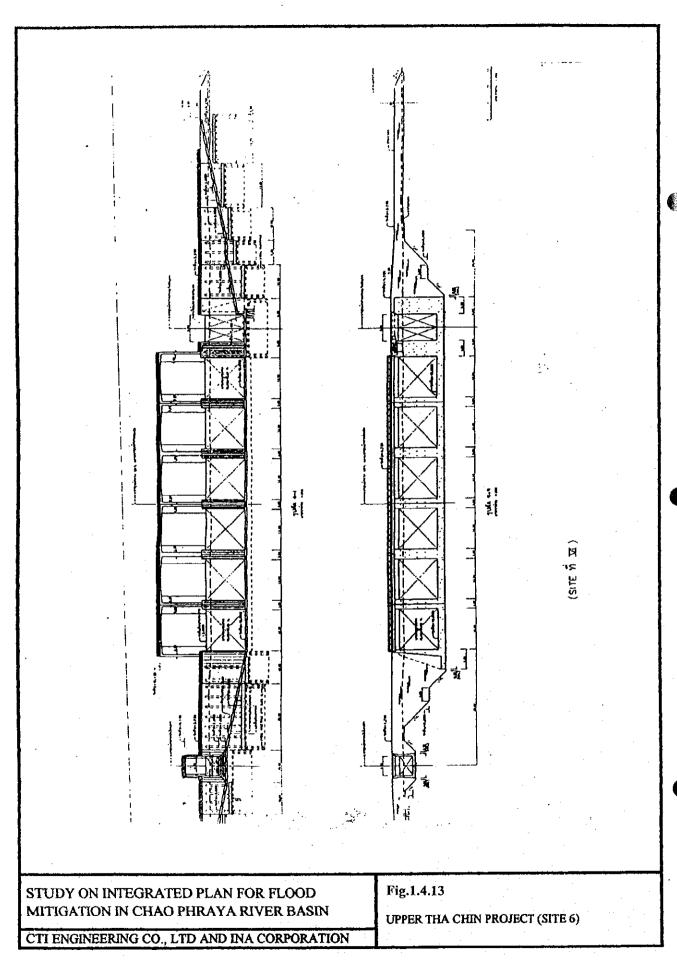


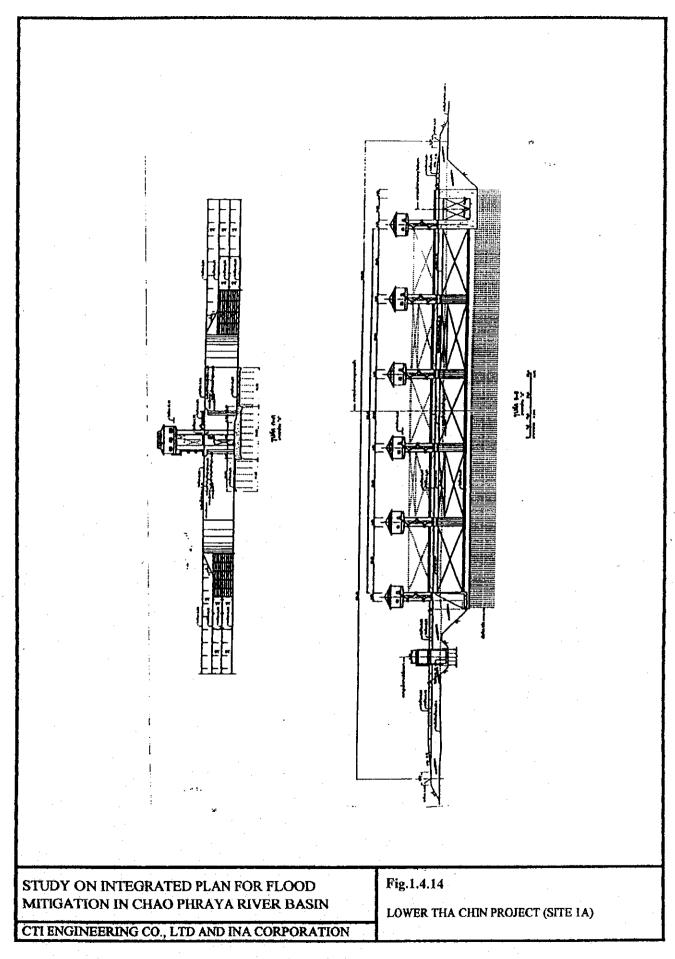


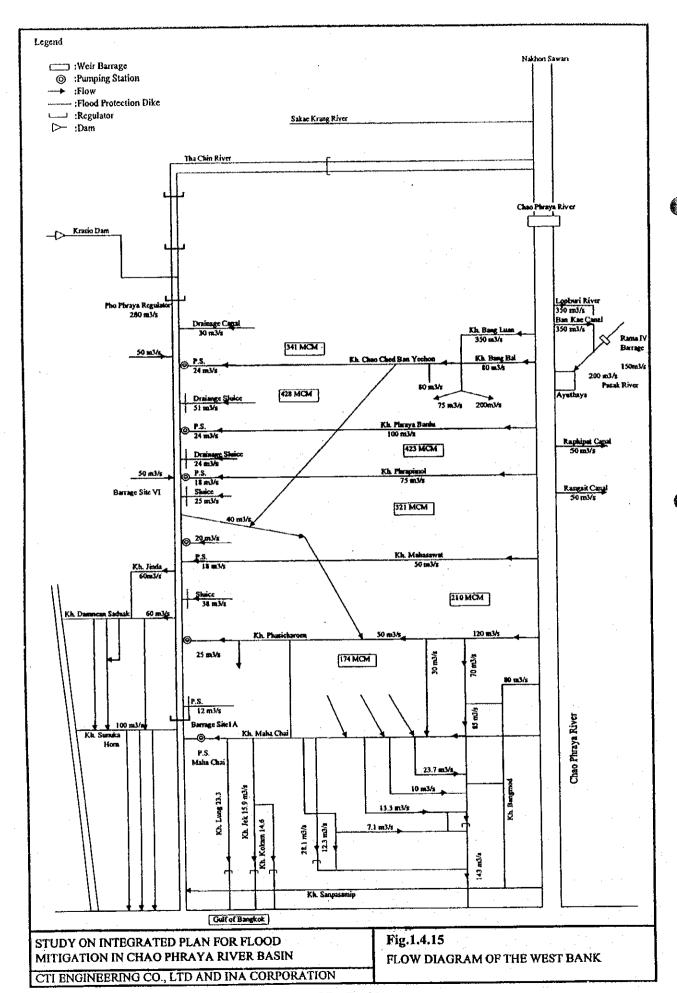


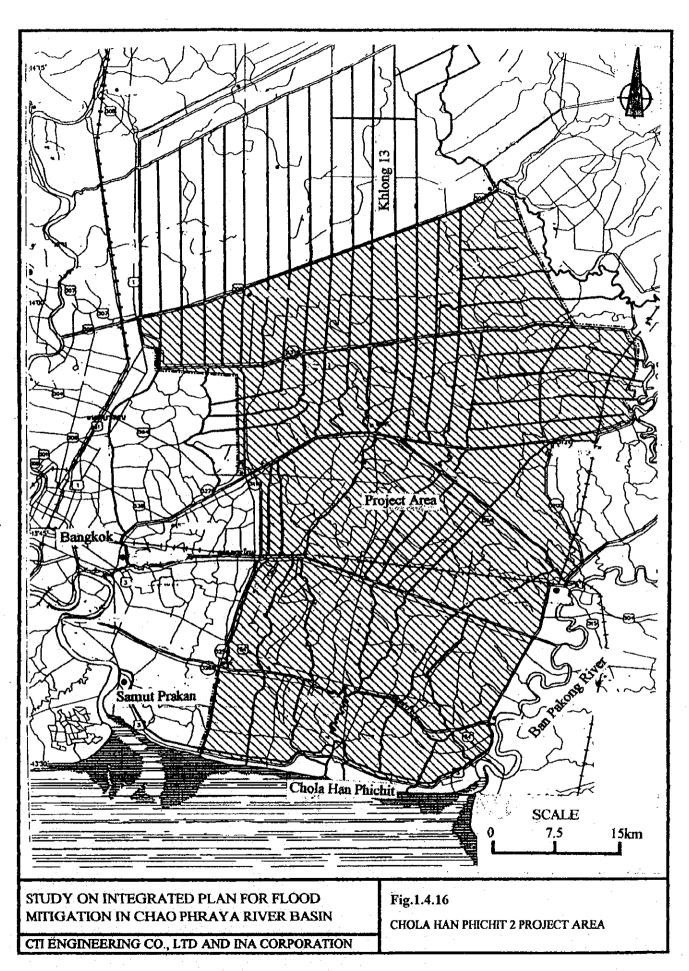


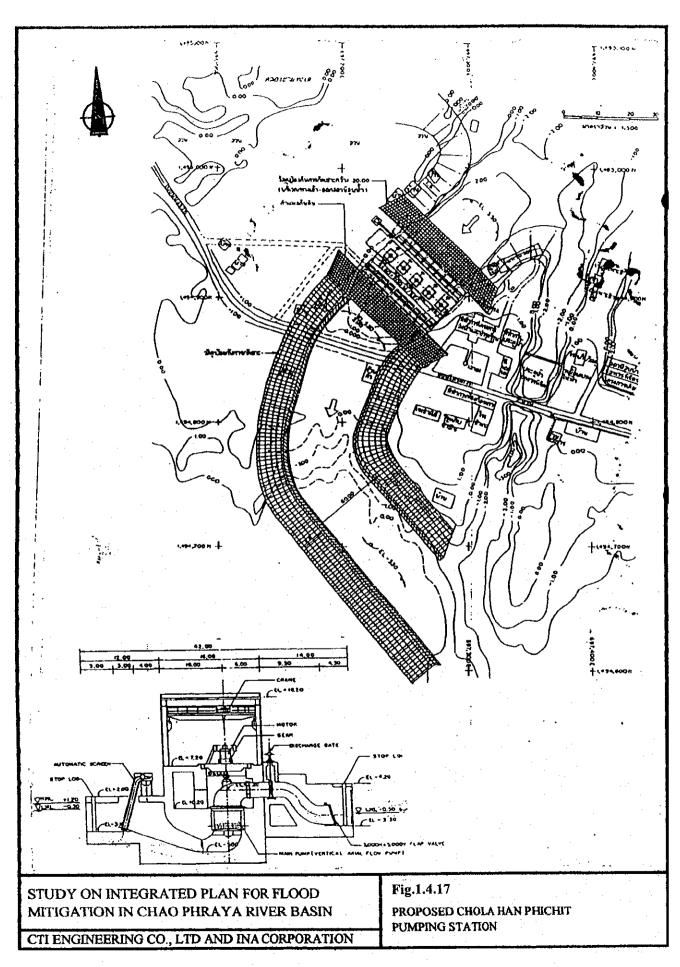


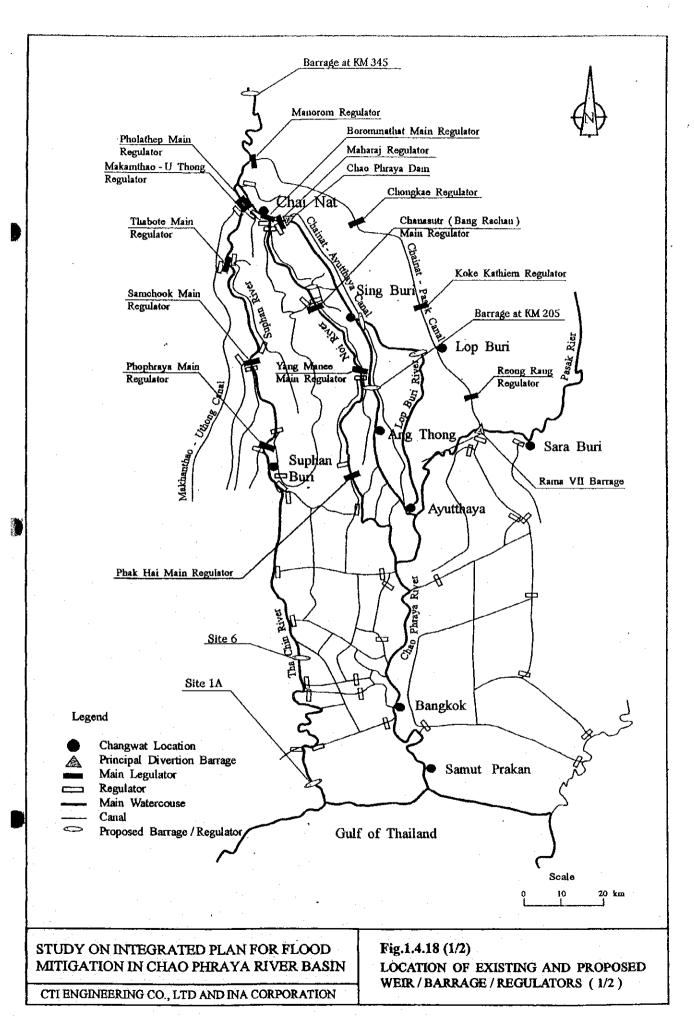


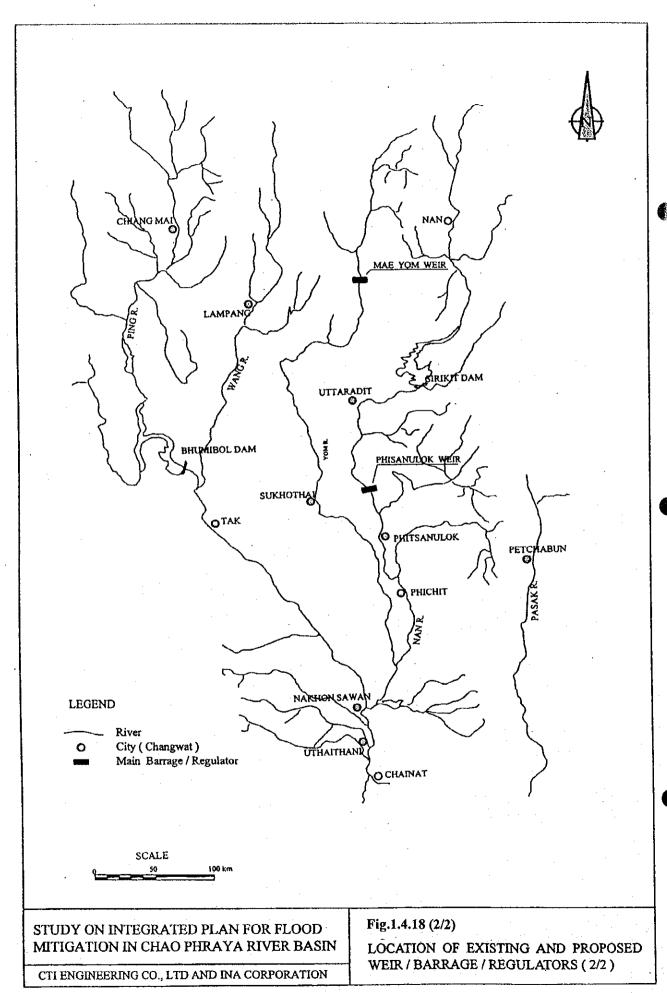


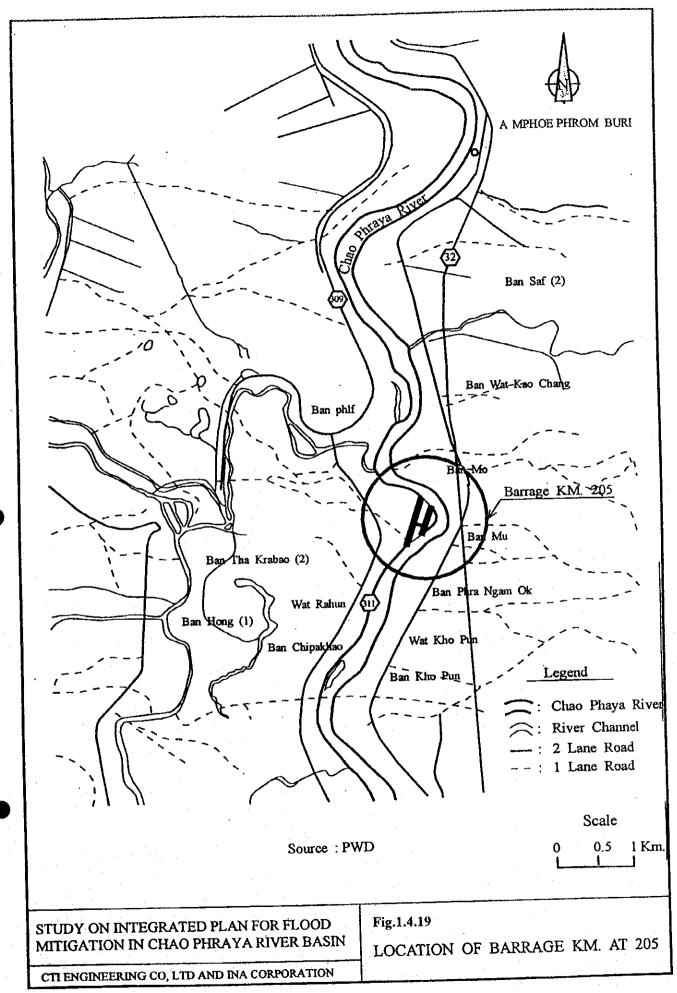


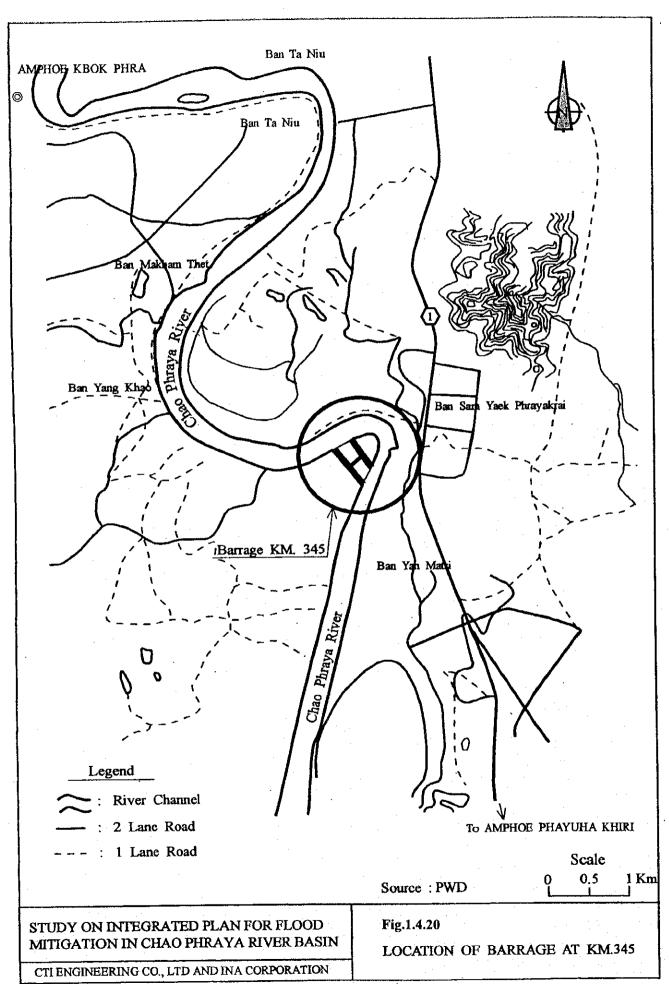


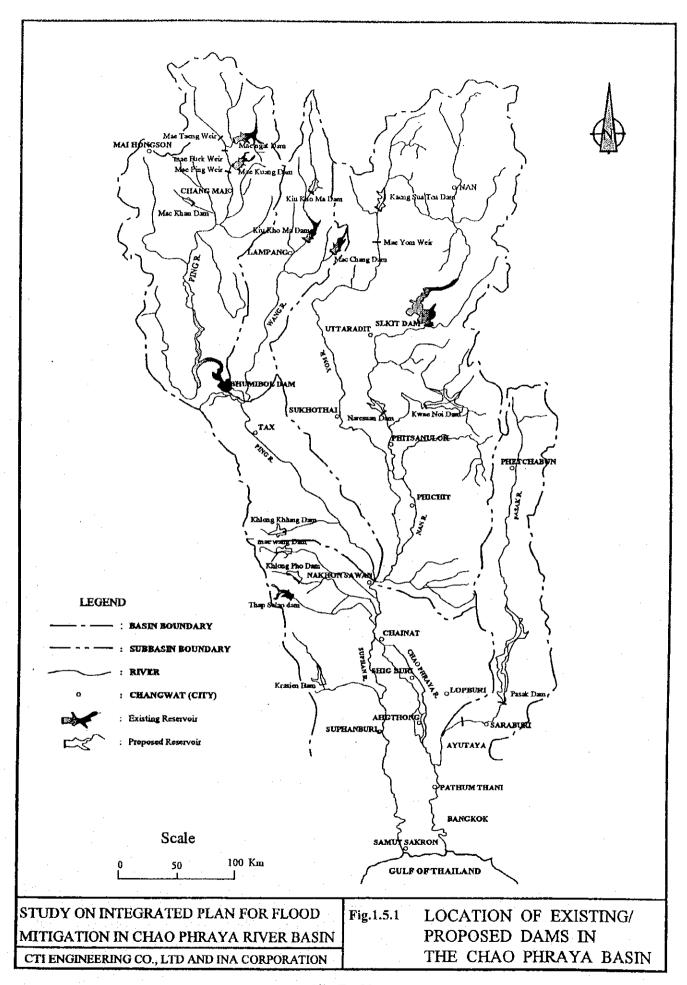


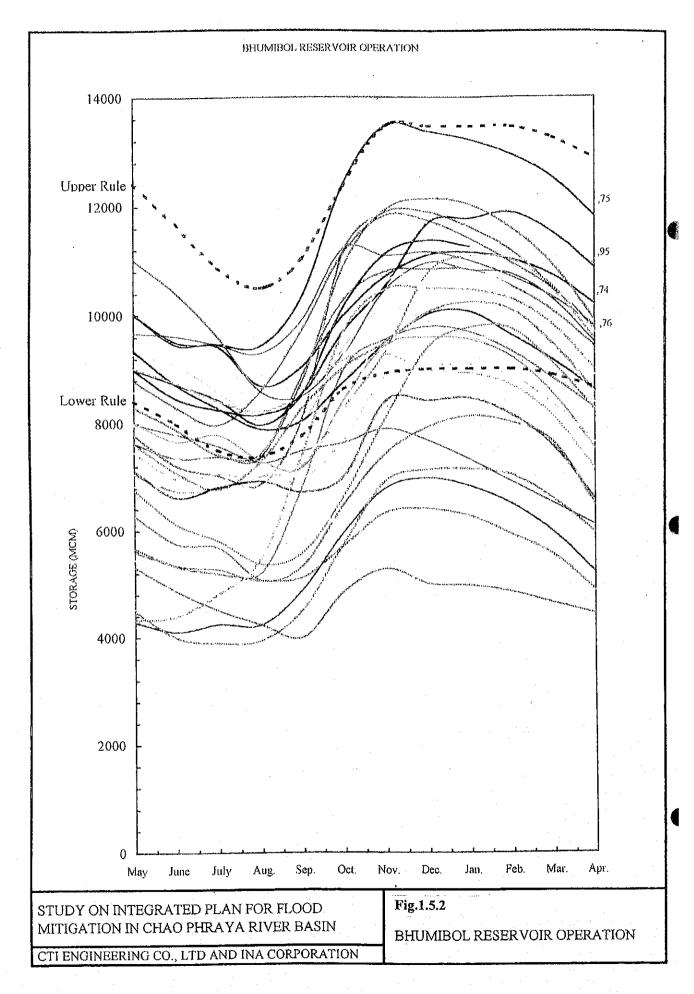


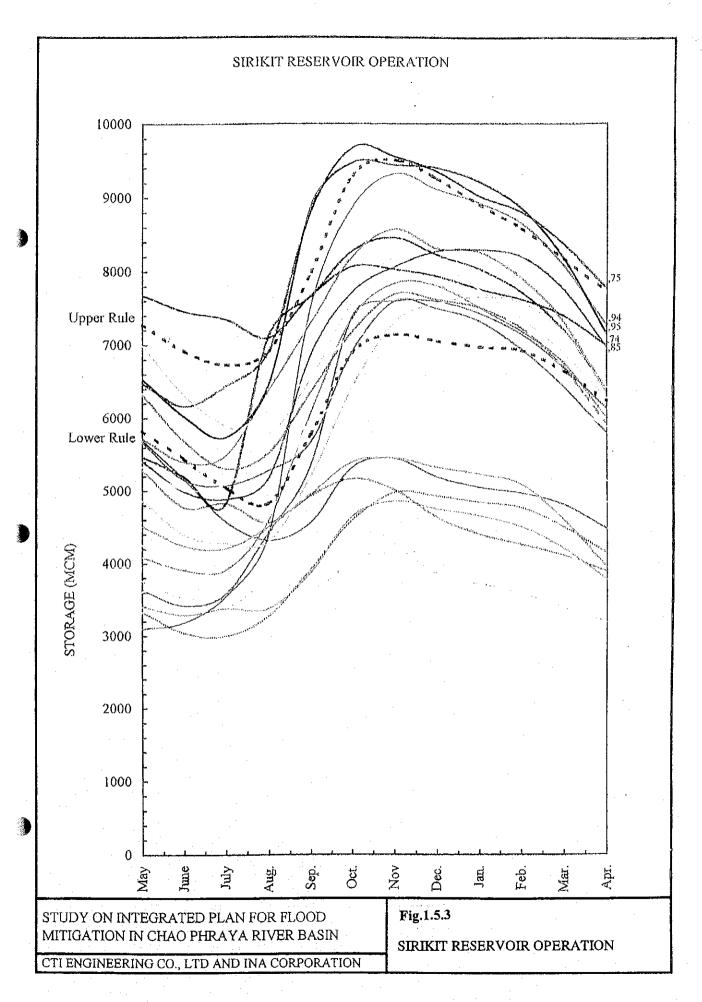


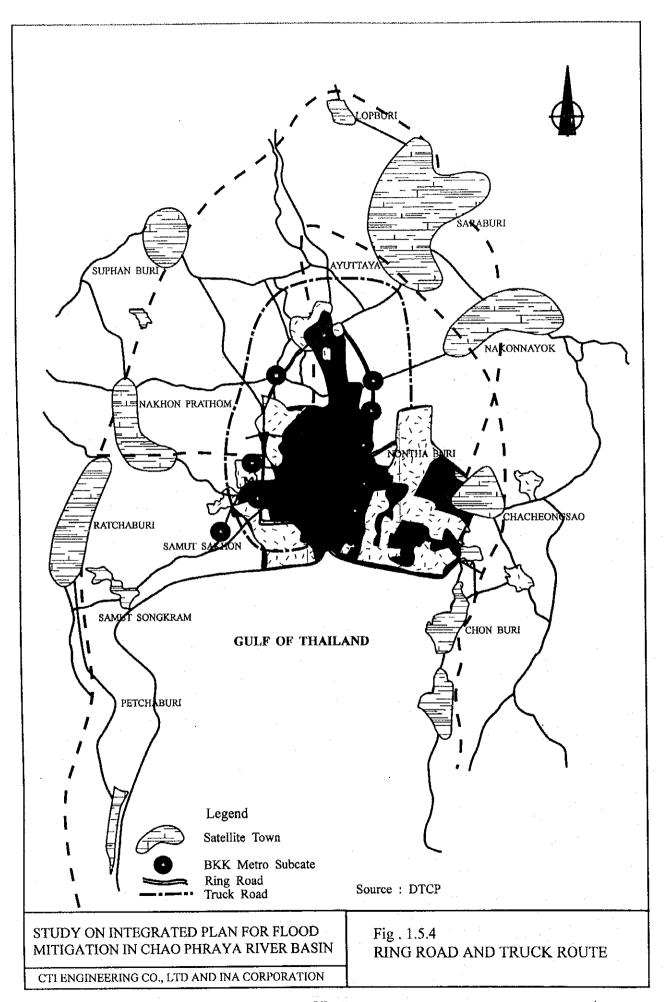


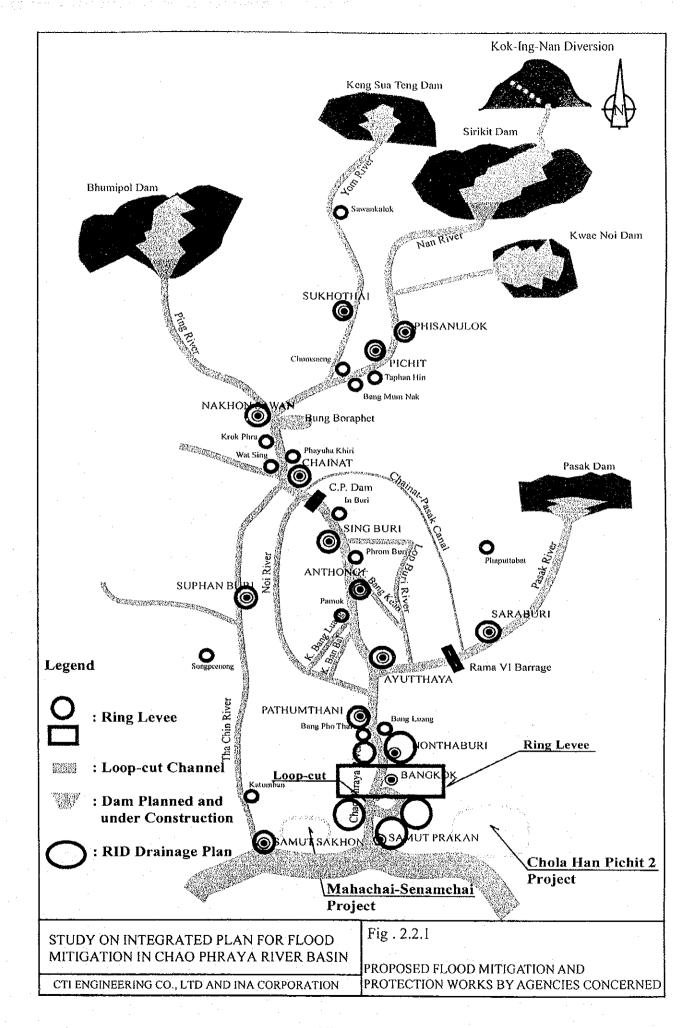


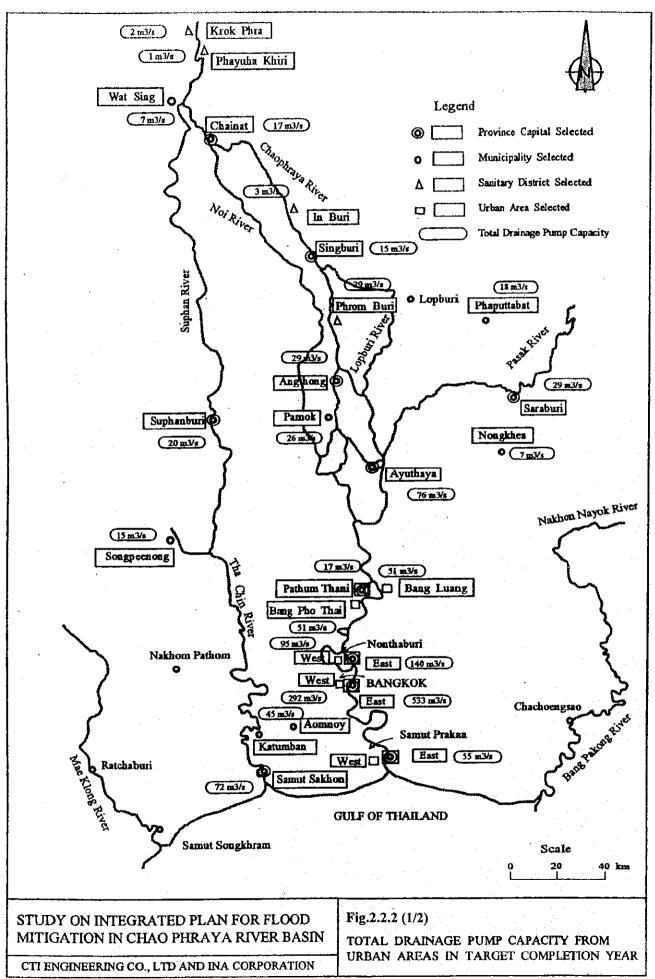


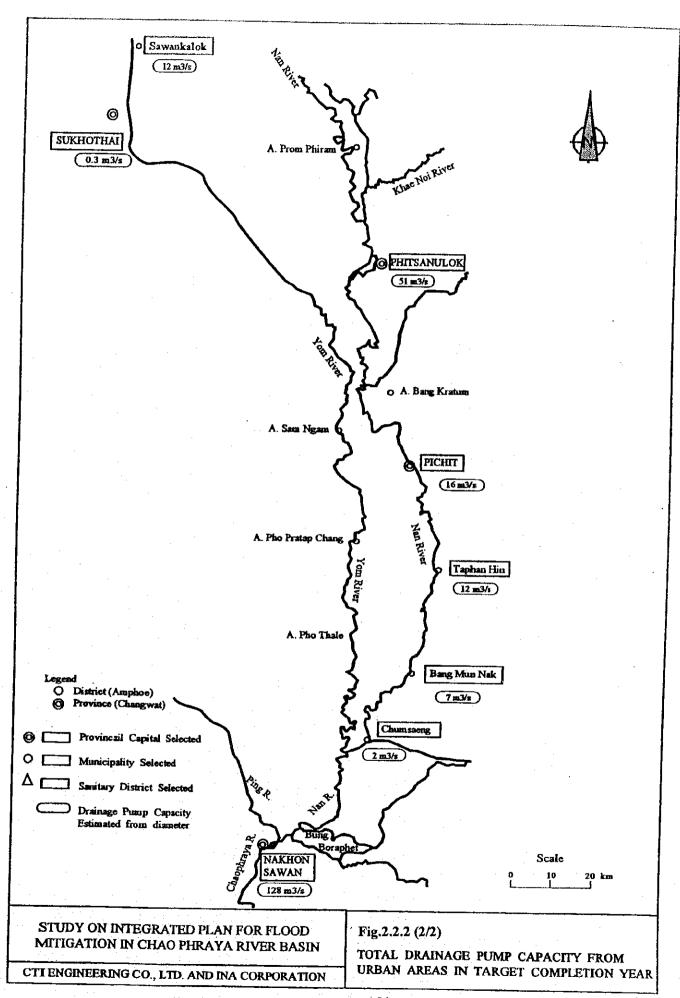


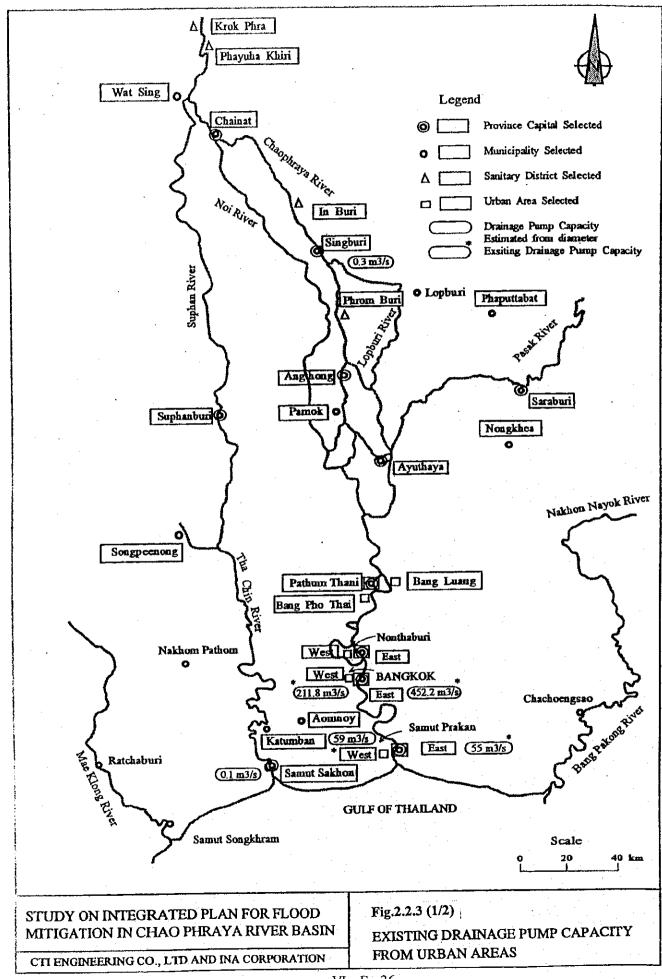


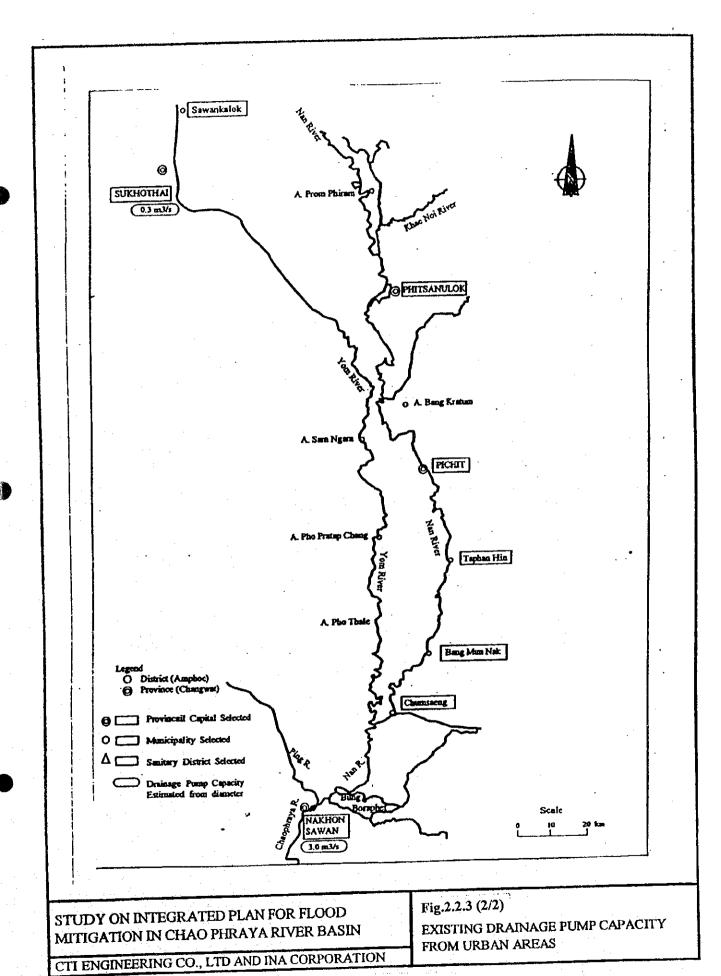


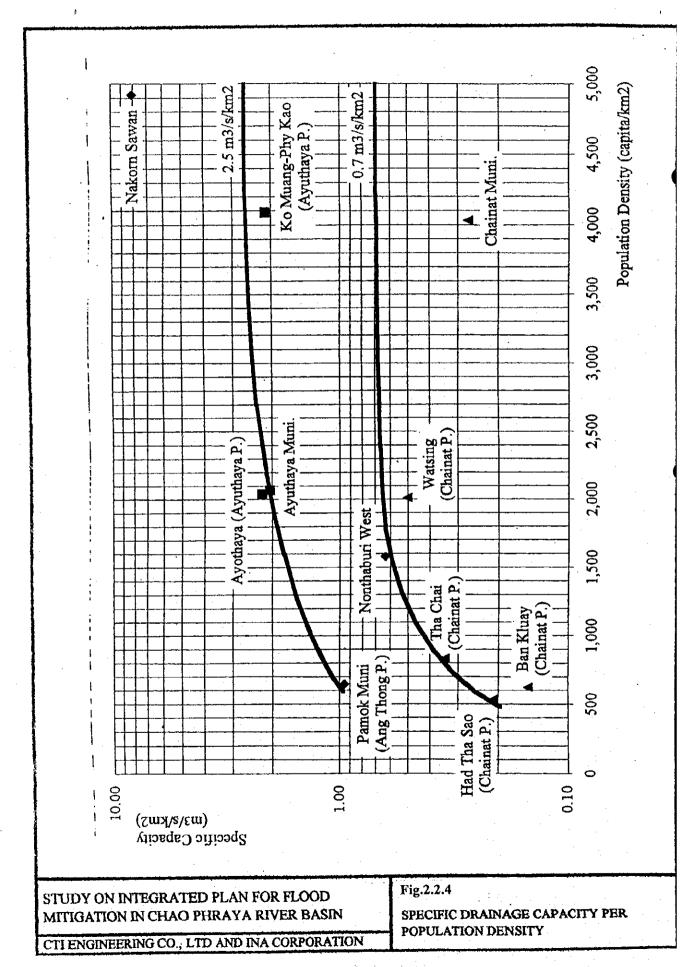


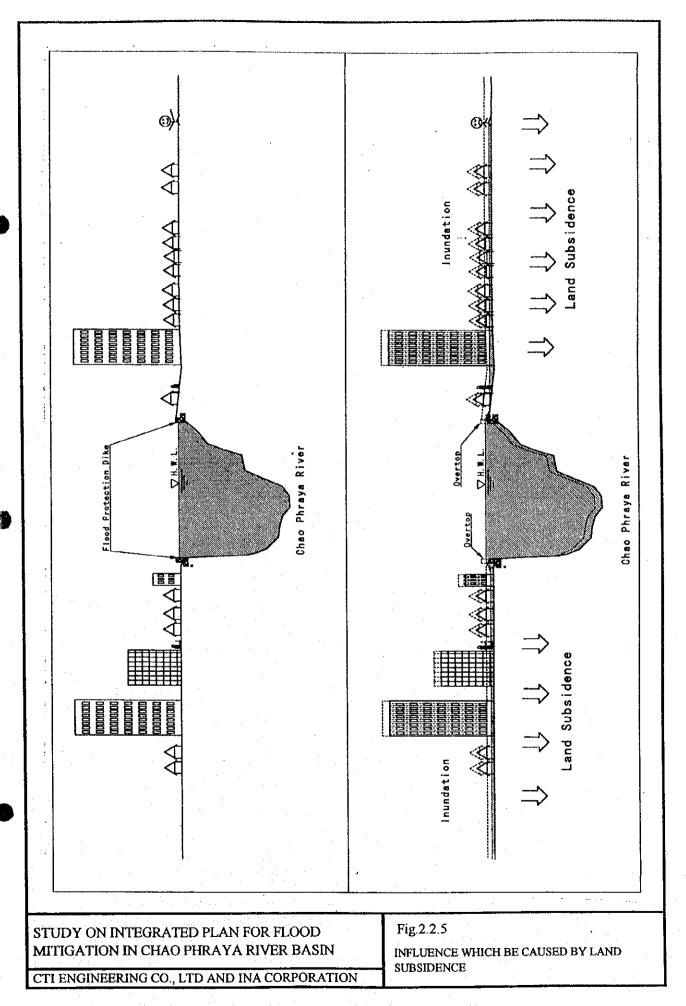


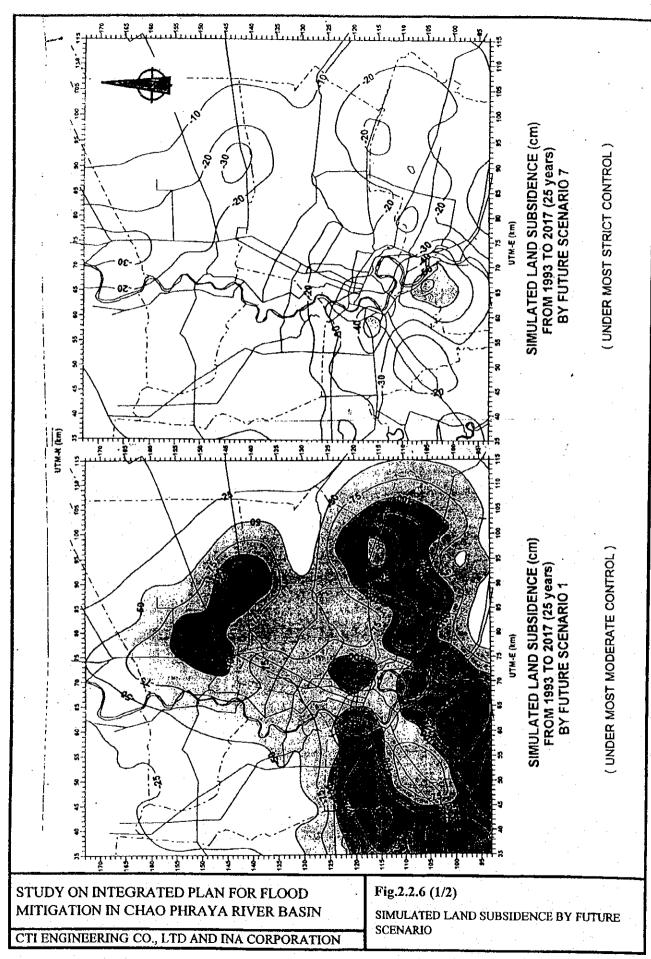


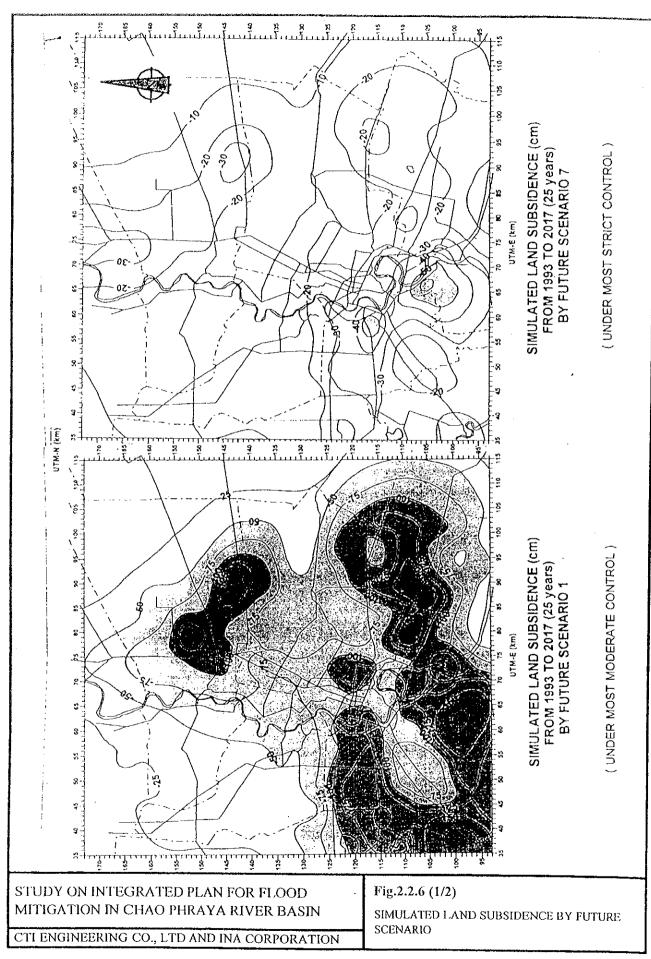


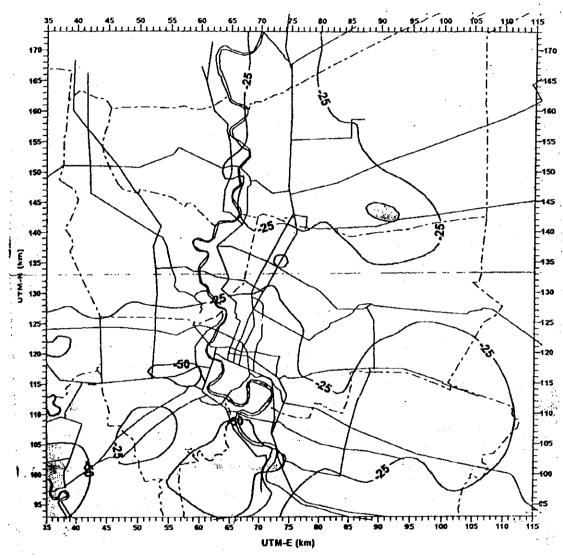












SIMULATED LAND SUBSIDENCE (cm) FROM 1993 TO 2017 (25 years) BY FUTURE SCENARIO 5B

(UNDER MODERATE CONTROL IN 2017)

Source: KOKUSAI, Jica (1995)

STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

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Fig.2.2.6 (2/2)

SIMULATED LAND SUBSIDENCE BY FEATURE SCENARIO

Port MemorialRid

Bridge

Source: JICA / Kokusai, 1995

BMA / NEDECO, 1996

STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

Land Subsidence in 2017 Along Chao Phraya River

100 110

8

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20

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8

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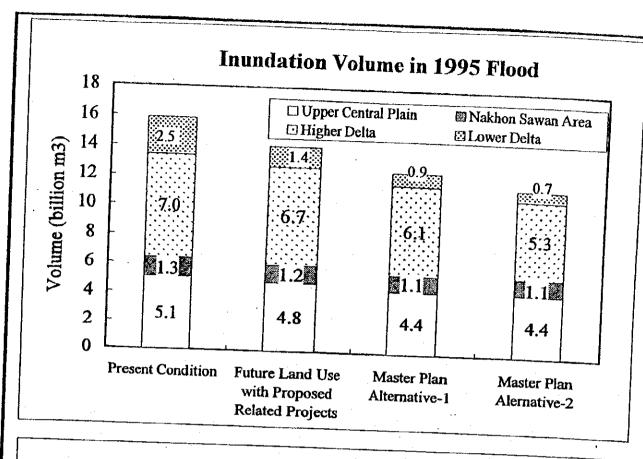
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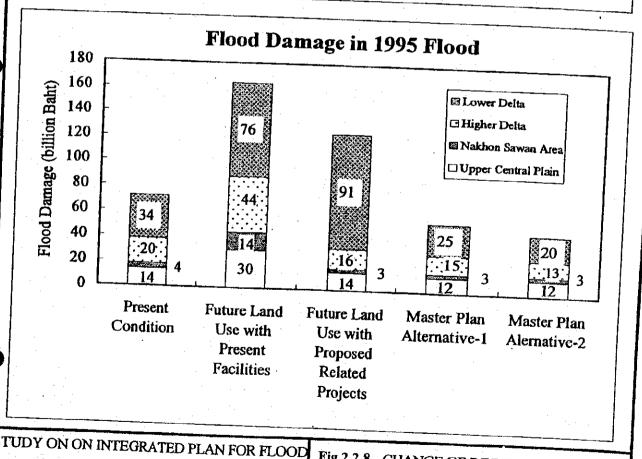
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**Land Subsidence** 

ESTIMATED LAND SUBSIDENCE IN 2017 ALONG CHAO PHRAYA RIVER

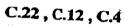


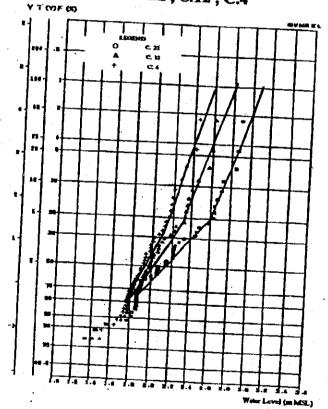


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Fig.2.2.8 CHANGE OF INUNDATION
VOLUME AND FLOOD DAMAGE

Phraya	C.22(Pak Kret) C.12(Samsen)	Probable Maximum Water Level by Return Period(m MSL)						
		2-yr	5-yr	10-yr	25-yr	50-yr		
		2.15	2.61	2.72	2.86		100-yr	
		2.00	2.34	2.45		2.96	3.07	
	C.4(Mem.Bridge)	1.92	2.16	2.25	2.60	2.70	2.80	
•				2.23	2.39	2.48	2.57	

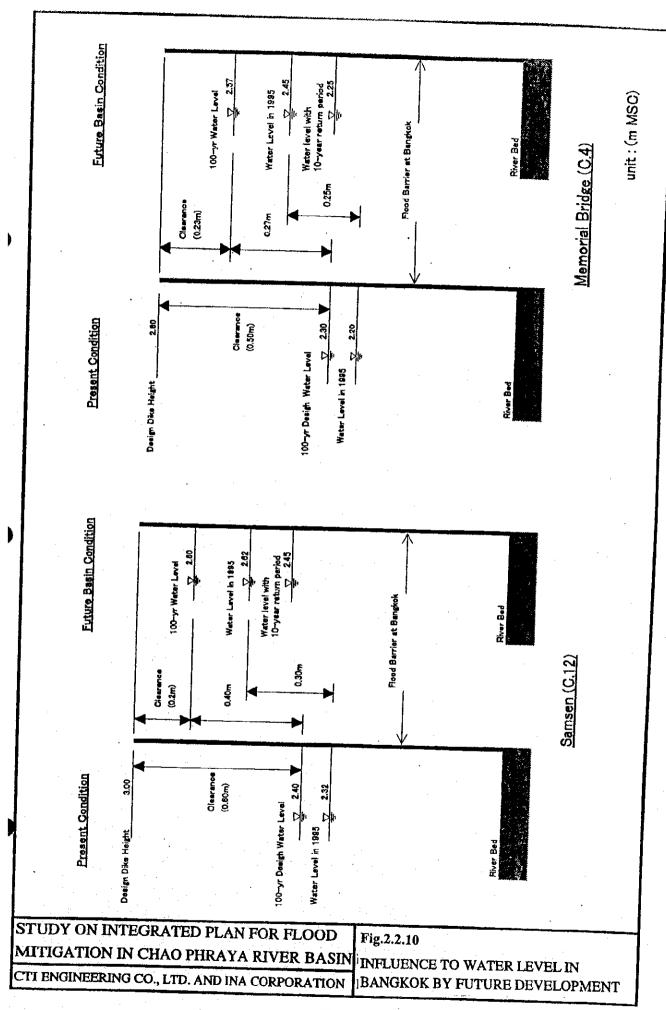


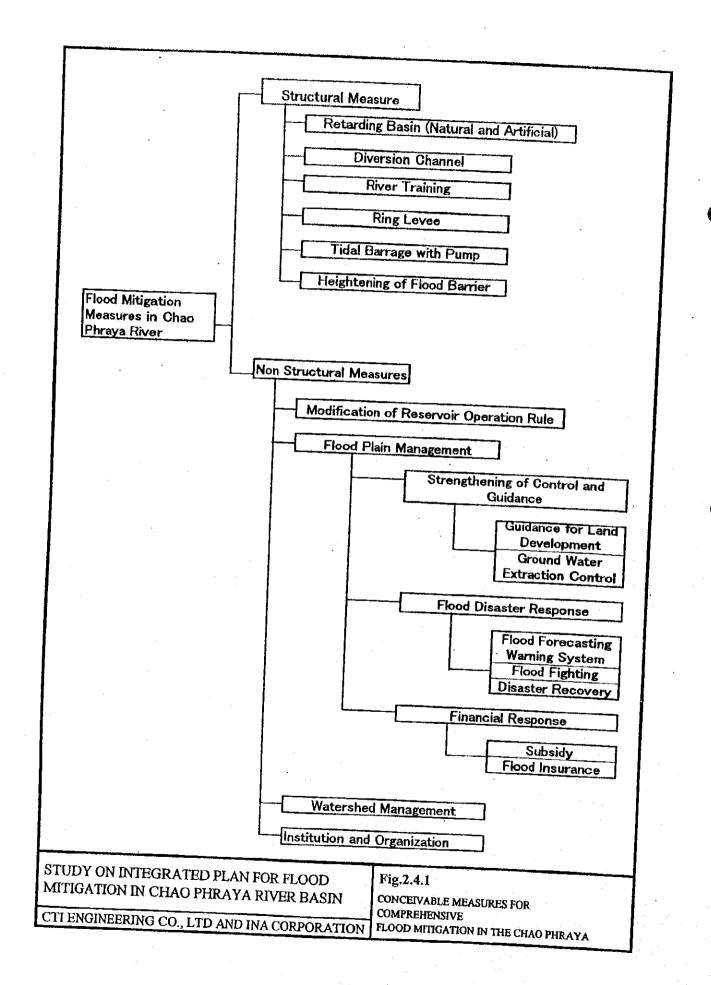


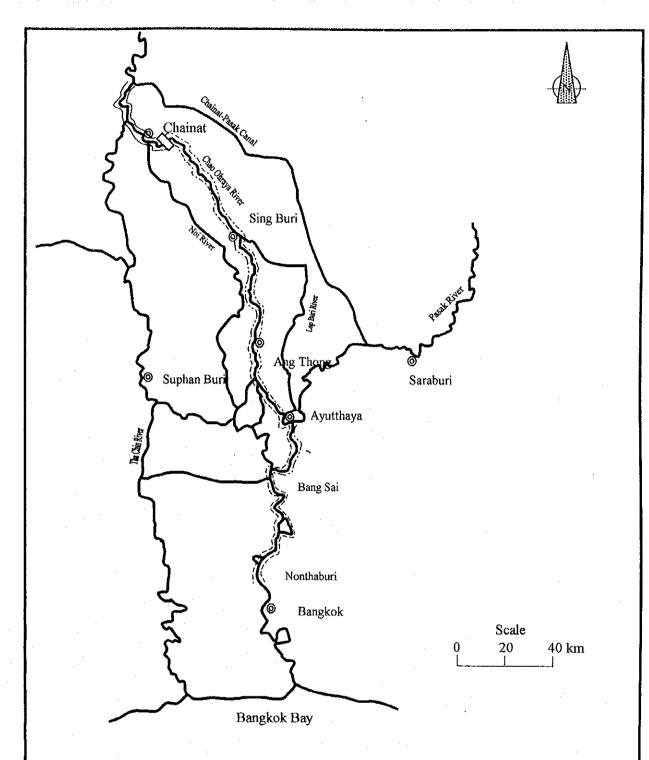
STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

Fig.2.2.9

PROVABLE MAXIMUM WATER LEVEL IN FUTURE BASIN CONDITION







River Improvement of Chao Phraya River

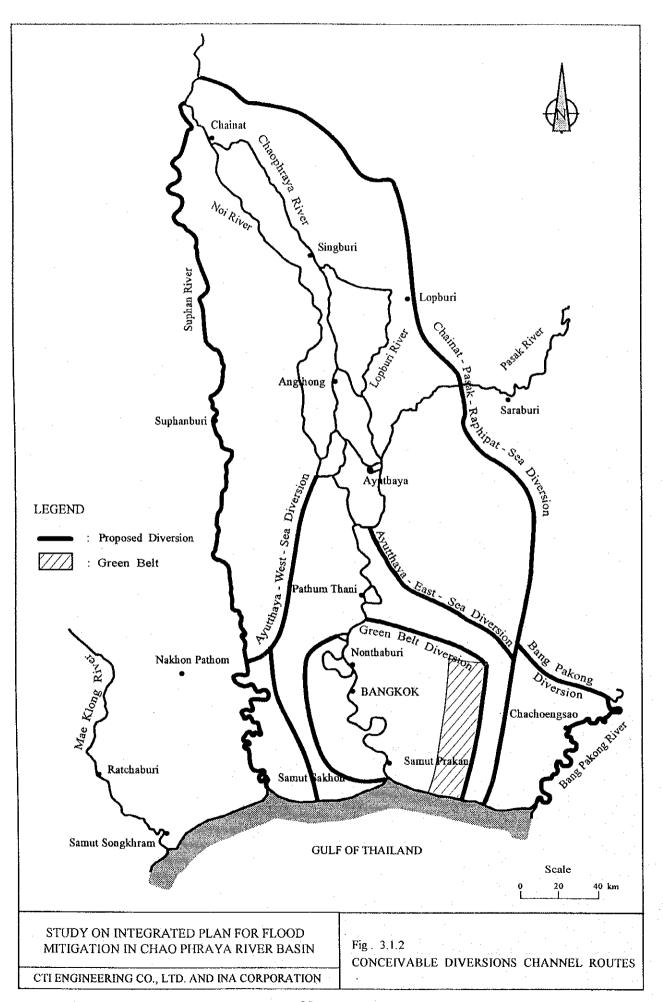
		Improvement Section		Provability	Design Crown		Improvement Section		Provability	Design Crown
l	Line	Downstream	Upstream		Level (MSL)	Line	Downstream	Upstream		Level (MSL)
I		CP. Dam	Manorom	25-year	17.0 - 21.0		CP. Dam	Manorom	25-year	17.0 - 21.0
ı		Ayutthaya	CP. Dam	25-year	5.8 - 17.0		Sing Buri	CP, Dam	25-уеаг	12.0 - 17.0
ı	<del>-</del>	Bang Sai	Ayutthaya	25-year	4.2 - 5.0		Ang Thong	Sing Buri	25-year	7.0 - 12.0
l		Nonthaburi	Bang Sai	25-year	3.0 - 4.2		Nonthaburi	Ang Thong	25-year	3.0 - 7.0

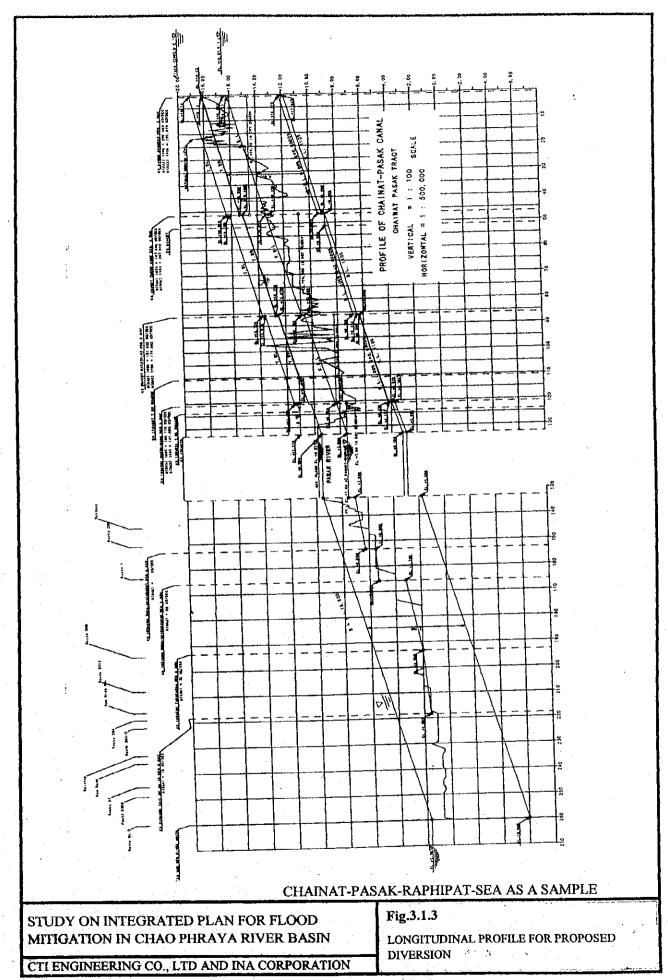
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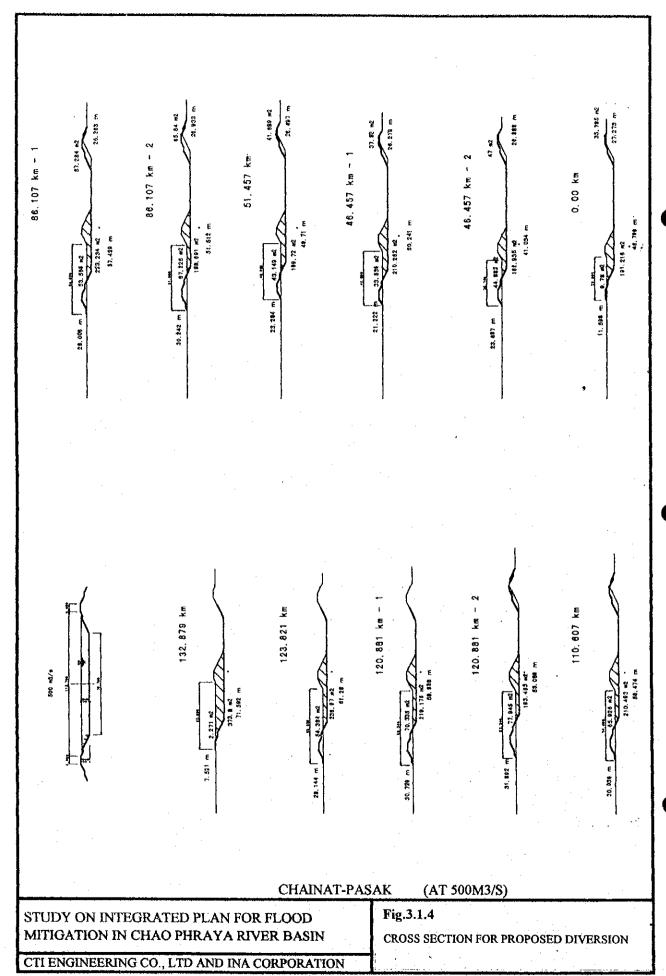
CTI ENGINEERING CO., LTD AND INA CORPORATION

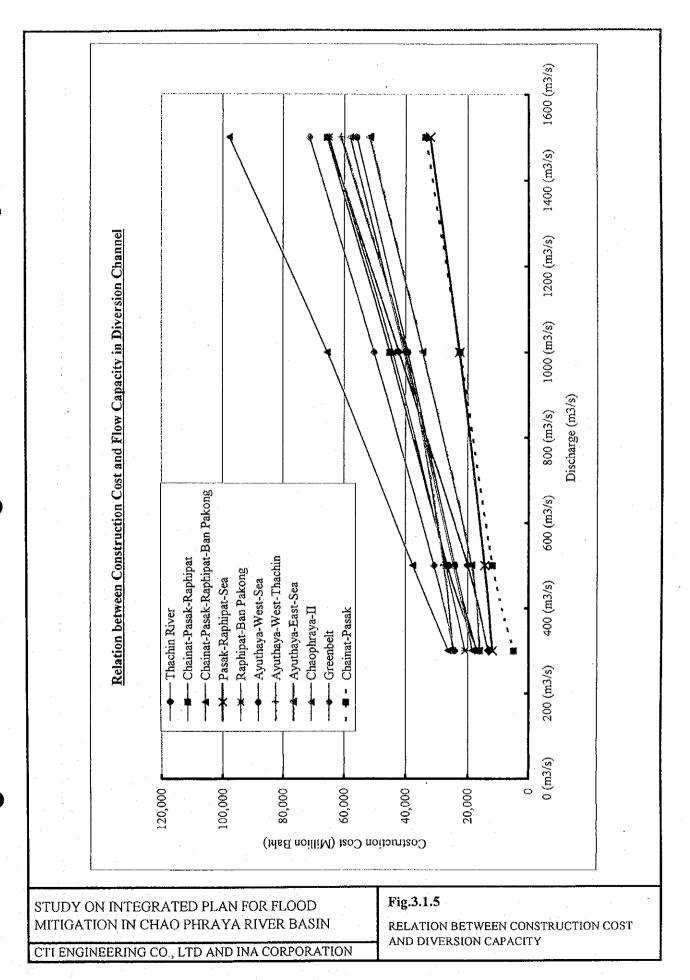
Fig.3.1.1

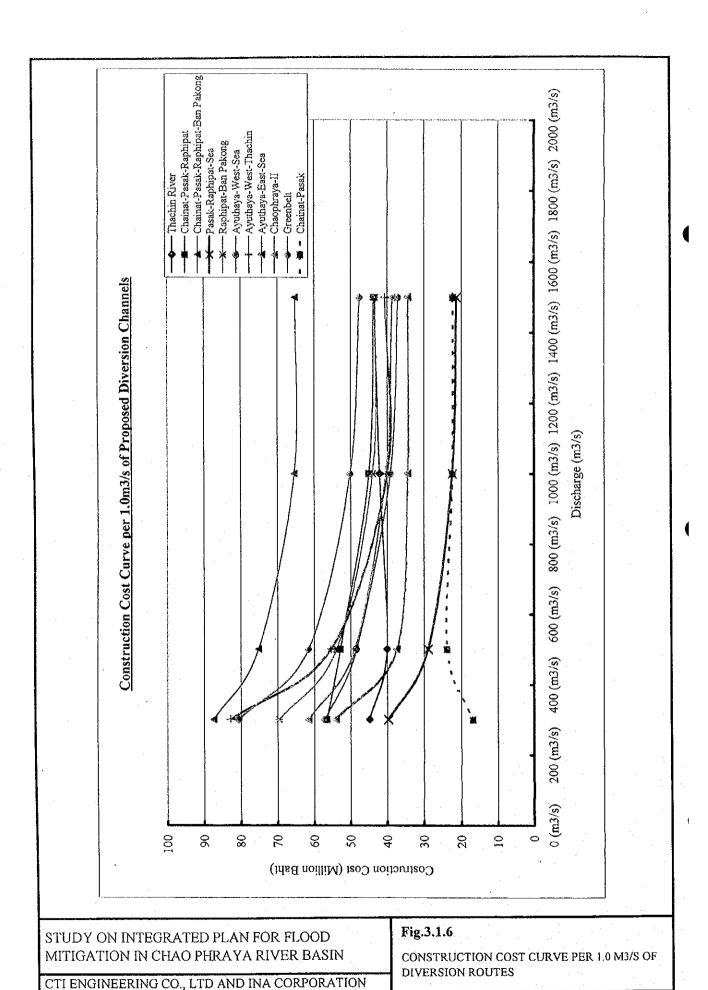
RIVER IMPROVEMENT OF RID











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