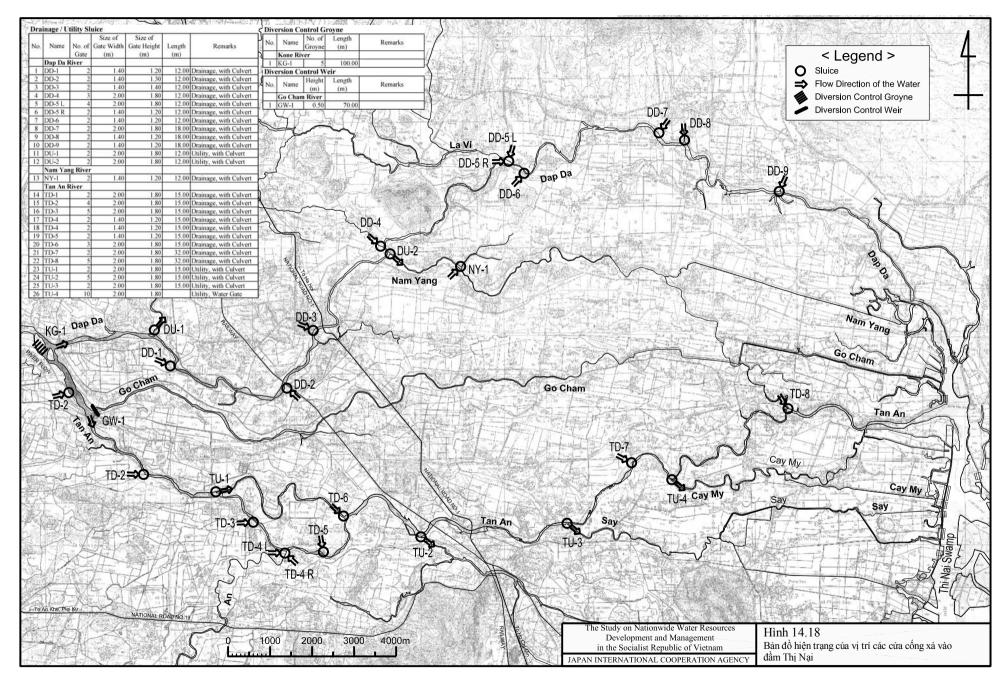
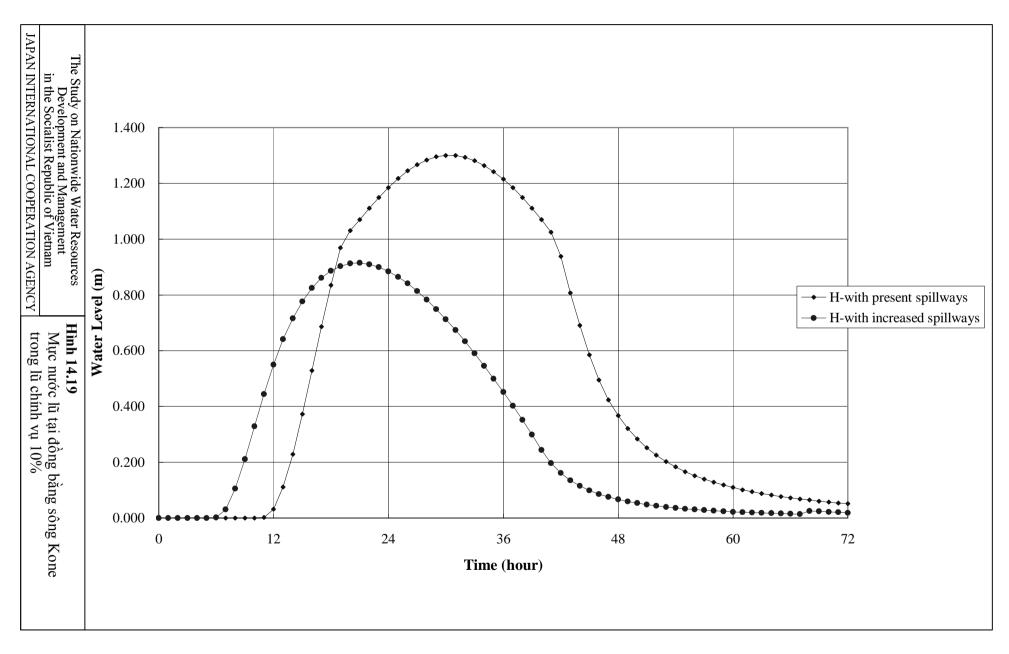


Hình 14.17 Mặt cắt dọc thiết kế của sông Tân An với đập tràn bên





Hình 14.20 Tiến độ xây dựng cho qui hoạch phòng chống lũ tại hạ du

Description	Quantity				201	1					,	2012	,			T-			^	2013	,							20	014				т				201	E							0.0	016								201	17		_	—
Description	Quantity	A 1	MI I				DJF	- 154	A N A	1.1				1	le la	4 4 1	N4 I			SO		ы	ıle	IN4	A A	41.	П			МГ	J	le la	N A	· Ina	ш				ы	ıle	14	۸ I ه	41 1	П			NI F	1	ΙF	N A		П	ιΙΛ	S		ыТг	П	π
1. Mobilization	L.S	All	MJ	JA	3 (אונ	ווטע	- IVI	AW	J	JA	<u> </u>	IN L	ט כ	FIN	ИΑ	MJ	IJ	AS	5 0	IN	υķ	<u>ا ا ر</u>	IVI	AIN	VI J	J	AS	U	IN L	J	FIR	VI P	NI IVI	J	Л	0	UN	υ,	JF	IVI	AII	ηJ	J	4 5	U	IN L	ט כ	₽	IVI P	IVI	5	JA	3	ΟI	IN I	יע	ᅫ
1. Modilization	L.S	++	+	+	+	+	++	+	H	Ħ	++	+	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
2. Preparatory Works	L.S	++	+	+	+	+	++	+	\pm	Н	_	_	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
Z. Preparatory Works	L.S	++	+	+	+	+	++	+	H	H	+	7	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
2 Thi Noi 6		++	+	+	+	+	++	+	H	++	++	+	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
3. Thi Nai Swamp 3.1 Sea Dvke		++	+	+	+	+	++	+	H	++	++	+	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
(1) Embankment	282.000 m3	++	+	+	+	+	+	+	H	+L	\pm	\pm	ш			$\pm \pm$	_	\pm	ш	+	Н	Н	_	\perp		_	H	+	+	+	+	H	+	+	H	+	Н	+	H	+	+	+	+	Н	+	Н	+	+	₩	+	+	H	+	H	+	+	+	+
(2) Wet masonry	50,500 m3		+	+	+	+	++	+	H	HF	\blacksquare	=	Н	=	\equiv	\blacksquare	_	Ŧ	Η	=	Н	\blacksquare	_	\blacksquare	Ħ	1	Н	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
3.2 Improvement of Sluice Gates	69 nos	3	+	+	+	+	++	+	H	╁	-	+	Н	+		\blacksquare	\pm	Н	Н	_		Н	_	Н	İ	=	₩	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
3.3 Improvement of Stuice Gates 3.3 Improvement of Spillway	1,475 m	++	+	+	+	+	++	+	H	HF	\blacksquare	\pm	\vdash	+	\vdash	\blacksquare	=	+	\vdash	_		\vdash		Н	Ħ	-	Н	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
3.4 New Construction of Spillway	1,475 m	++	+	-	+	+	++	+	++	++	╼	\blacksquare	Н	\pm		\blacksquare		\blacksquare	н		П		\pm	Н	Ħ	\pm	₽	+	+	+	+	Н	+	+	++	+	H	+	\vdash	+	+	+	╫	H	+	H	+	+	₩	-	+	H	╫	H	+	+	_+	+
3.4 New Construction of Spillway	1,230 111	++	+	+	+	+	+	+	H	++	-67	1	H		H	Ħ		Ŧ	H	1	Н	Н	Ŧ	Н	H	Ŧ	Н	+	+	+	+	H	+	+	H	+	Н	+	H	+	+	+	+	Н	+	Н	+	+	₩	+	+	H	+	H	+	+	+	+
4. Dap Da River	-	++	+	-	+	+	++	+	++	++	++	+	++	+	\vdash	+	-	+	++	+	Н	Н	+	+	\vdash	+	\vdash	+	+	+	+	Н	+	+	++	+	H	+	\vdash	+	+	+	╫	H	+	H	+	+	₩	-	+	H	╫	H	+	+	_+	+
4.1 Dyke		++	+	+	+	+	++	+	H	++	++	+	H	+	H	+	-	+	H	+	H	\vdash	+	+	H	+	H	+	+	-+	+	\vdash	+	+	++	+	Н	+	H	+	+	+	+	Н	+	+	+	+	₩	-	+	Н	+	H	+	+	+	+
(1) Excavation	1.265.000 m3	,	+	+	+	+	+	+	H	ΗŁ	$\pm \pm$	\pm	ш	+	Н	$\pm \pm$	\pm	\pm	Н	\pm	Н	Н	_	\pm	t	_	Н	\pm	+		+	Н	1	_	Н	\pm		\pm	Н	+	+	\pm	1	Н	_	+	_	_	₩	+	+	H	+	H	+	+	+	+
(2) Embankment	1,265,000 m3		+	+	+	+	++	+	+	l f						\blacksquare										Ξ	ø	Ξ	Ħ	I	Ħ	ø	I	I	ø	I	♬	Ξ	ø	Ξ	Ħ	ø	Ξ	Ø	Ξ	ø	=	Ξ	₽	_	+	\vdash	+	Н	+	+	+	+
4.2 Bridge	4 nos	,	+	+	+	+	++	+	+		Ħ						I	E	П	Ξ	٥	Ħ	Ξ	ø	Ħ	Ξ	Ħ	Ξ	Ħ	Ħ	Ħ	Ħ	Ξ	Ε	П	Ħ		Ξ	Ħ	Ξ	Ħ	8	Ξ		Ξ	ø	=	Ξ	ø	3	+	\vdash	+	Н	+	+	+	+
4.2 Bridge 4.3 Side Overflow Soillway	2 nos	+	+	+	+	+	++	+	+	1-6	\pm	Œ	Ħ	Ξ	Ħ	Ħ	Ŧ	Ħ	FF	Ŧ	Ħ	Ħ	Ŧ	Ħ	Ħ	Ŧ	Ħ	Ŧ	Ħ	Ŧ	Ħ	Ħ	Ŧ	f	Ħ	Ħ	f	Ŧ	Ħ	Ŧ	Ħ	f	Ŧ	f	Ŧ	Ħ	Ŧ	Ŧ	Ħ	7	+	\vdash	+	Н	+	+	+	+
4.4 New construction of sluice gates	12 nos	+	+	+	+	+	++	+	+	ΗĒ	\pm	Œ	Ħ	Ξ	Ħ	ш	4	Ł	ш		Ы	Н		ы	Н		Н		Ы	Ⅎ	Н	Н		Ł	Н	£	Ы		Н	1	Ы	Н		Н		Н	4		₽	+	+	\vdash	+	Н	+	+	+	+
4.4 New construction of sluice gates 4.5 Bank Protection Works	L.S	+	+	+	+	+	++	+	+	l f	ш		Н			\blacksquare												Ξ	Ð	ø		Ø	Ξ	Ξ		I		Ξ		Ξ	Ð		Ξ	♬	Ξ	ø	3	Ξ	₽	_	+	\vdash	+	Н	+	+	+	+
4.5 Bank Protection Works 4.6 Reconstruction of Irrigation Weir	2nos	+	+	+	+	+	++	+	+	+L	ø	I	П	Ξ		$oldsymbol{\Xi}$	3	I		Ξ		П	Ξ		Ħ	Ξ	Ħ	Ŧ	Ħ	Ŧ	Ħ	Ħ	Ŧ	F	Ħ	Ħ	Ħ	Ŧ	Ħ	Ŧ	Ħ	Ŧ	Ŧ	Ħ	Ŧ	П	Ŧ	Ŧ	Ħ	7	+	\vdash	+	Н	+	+	+	+
4.0 Neconstruction of irrigation well	ZHOS	+	+	+	+	+	++	+	+	l f	Ħ	Ŧ	Ħ	Ŧ	Ħ	Ħ	Ŧ	Ħ	Ħ	Ŧ	П	Ħ	Ŧ	П	Ħ	Ŧ	Н	+	H	+	+	H	+	+	H	+	Н	+	H	+	H	+	+	H	+	H	+	+	\forall	+	+	\vdash	+	Н	+	+	+	+
5. Go Cham River		++	+	+	+	+	$\dashv \dagger$	+	H	++	++	+	H	+	H	+	-	+	H	+	H	H	+	+	H	+	H	+	+	+	+	H	+	+	++	+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
5.1 Dvke		++	+	+	+	+	$\dashv \dagger$	+	H	++	++	+	H	+	H	+	-	+	H	+	H	H	+	+	H	+	H	+	+	+	+	H	+	+	++	+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
(1) Excavation	329.000 m3	++	+	+	+	+	$\dashv \dagger$	+	H	ΗŁ	\pm	\pm	ш	\pm		$\pm \pm$	_	\pm	ш	_	Н	\vdash	+	\pm	\pm	+	Н	_	+	_	\pm	\vdash	_	\pm	•	+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
(2) Embankment	126,000 m3		+	+	+	+	$\dashv \dagger$	+	H	HF						+																			Н	+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
5.2 Bridge	4 nos	++	+	+	+	+	$\dashv \dagger$	+	H	ΗŁ						+		\pm			Н			\blacksquare	İ		Н		\vdash				+			+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
5.3 Side Overflow Soillway	2 nos	++	+	+	+	+	$\dashv \dagger$	+	H	ΗE								+	H	+	H	H	+	H	H	+	H	+	\blacksquare	+	+	H	Ŧ	+	H	+	H	+	H	+	+	+	+	H	+	H	+	+	+	+	+	H	+	\vdash	+	+	\pm	+
5.4 New Construction of Fixed Weir	1 no	+	+	+	+	+	$\pm t$	+	H	+ 6	н								ш		Н	ш	_			_	H	+	+	\pm	+	H	+	+	H	+	H	+	H	+	+	\dashv	+	H	+	H	+	+	\forall	\pm	+	H	+	H	$^{+}$	+	\pm	十
5.5 Reconstruction of Irrigation Weir	1 no	+	+	+	+	+	$\pm t$	+	H	+ 6	\blacksquare																H	+	+	\pm	+	H	+	+	H	+	H	+	H	+	+	\dashv	+	H	+	H	+	+	\forall	\pm	+	H	+	H	$^{+}$	+	\pm	十
5.6 Bank Protection Works	L.S	+	+	+	+	+	$\pm t$	+	H	l f	ш		ш			\blacksquare			ш								Н	-				Н	+	_	ы	+	H	+	H	+	+	\dashv	+	H	+	H	+	+	\forall	\pm	+	H	+	H	$^{+}$	+	\pm	十
3.0 Bank i rotection works	L.O	$\pm \pm$	\pm	+	+	+	$\dashv \dagger$	+	H	+	$\pm \pm$	\top	Ħ	+	H	Ħ	\dashv	+	Ħ	_	Ħ	Н	+	Ħ	H	+	H	┰	+	\dashv	+	Н	+	+	\vdash	+	H	+	H	+	+	$^{+}$	+	H	+	Ħ	+	+	${}^{+}$	-	+	H	+	\vdash	Н	+	. +	\pm
6. Tan An River		$\pm \pm$	\pm	+	+	+	$\dashv \dagger$	+	H	+	$\pm \pm$	+	Ħ	+	H	$\pm \pm$	-	+	Ħ	+	Ħ	H	+	Ħ	\vdash	+	H	+	+	\dashv	+	H	+	+	+	+	H	+	H	+	+	$^{+}$	+	H	+	Ħ	+	+	${}^{+}$	-	+	H	+	\vdash	Н	+	. +	\pm
6.1 Dvke		$\pm \pm$	\pm	+	+	+	$\dashv \dagger$	+	H	+	$\pm \pm$	+	Ħ	+	H	$\pm \pm$	-	+	Ħ	+	Ħ	H	+	Ħ	\vdash	+	H	+	+	\dashv	+	H	+	+	+	+	H	+	H	+	+	$^{+}$	+	H	+	Ħ	_	+	${}^{+}$	-	+	H	+	\vdash	Н	+	. +	\pm
(1) Excavation	2.641.000 m3	₹	\pm	+	+	+	$\dashv \dagger$	+	H	#	_					#		\pm			Н		_			_							_			+				_			1		_					-	C	nmn	nicci	ionir	ng r	of I	Pro	oie
(2) Embankment	1.013.000 m3		\pm	+	+	+	$\dashv \dagger$	+	H	Ħ															Ħ																									_*	-	T T	1	01111	18	Т	Ϊ	Ť
6.2 Bridge	3 nos	1	Ħ	+		T	$\pm t$	\top	H	11													_		Ħ	_		_	Н				-	-		\blacksquare	I	_		-	Н	Ħ	_		_		_	-		=	1	H	T	H	1	+		+
6.3 Side Overflow Soillway	3 nos	Tt	11	1				\top	H		ш						1	1	tt	1	Ħ	H	+	Ħ	Ħ	+	Ħ		Ħ		\top	H	十	+		1	Ħ		Ħ	+	Ħ	T	十	Ħ	+	Ħ	7	+	\vdash	T	+	H	十	Ħ	T	7		\pm
6.4 New construction of sluice gates	13 nos	+	\top	1	Ħ	\forall	$\pm \pm$	\top	H								#	Ŧ	_	+		Ħ	#		Ħ	#	H	#	Ħ	#	\blacksquare	Ħ	#	+	Ħ	#	Ħ	#	H	#	Ħ	=	ŧ	Ħ	#	Ħ	=	+	#	\dashv	t	H	╁	Ħ	Ħ	T	\top	+
6.5 Improvement of Irrigation Weir	1 no	\top	\top	1	T	Ħ	廿	\top	H	T :	#																	Ť	Ħ	Ħ	П	ΠŤ	T	T	Ħ	T	П	Ť	П	T	Ħ	Ħ	T	П	T	П	T	Ť	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
6.6 Bank Protection Works	L.S	\top	\top	1	T	Ħ	廿	\top	H	Ħ	\blacksquare	_	H	+	H		#	Ħ		+	Ħ	Ħ	#		Ħ	#		#	Ħ	#		Ħ	#	#	Ħ	#		#		#	Ħ	=	#		#		=	#	Ħ	=	T	Ħ	T	Ħ	Ħ	1	T	T
		\top	\top	1	T	Ħ	廿	\top	H	Ħ	\top	1	Ħ	T	ΙT	Ħ	T	T	Ħ	T	П	Ħ	T	П	Ħ	T	Ħ	Ť	Ħ	Ħ	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
7. Nam Yang River		$\top \uparrow$	\top	1	\top	П	Ħ	T	П	Ħ	$\top \uparrow$	1	П	T	Ħ	TT	1	T	Ħ	T	Ħ	Ħ	T	Ħ	Ħ	T	Ħ	T	П	\top	П	Ħ	T	Ť	Ħ	T	Ħ	T	Ħ	1	П	Ħ	T	П	T	П	1	T	Ħ	1	T	Ħ	T	Ħ	T	1	T	ナ
7.1 Dyke		\top	\top	1	T	Ħ	廿	\top	H	Ħ	\top	1	Ħ	T	ΙT	Ħ	T	T	Ħ	T	П	Ħ	T	П	Ħ	T	Ħ	Ť	Ħ	Ħ	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
(1) Excavation	71,700 m3	3	\top	1	T	Ħ	廿	\top	H	17	H	+	Ħ	Ŧ	H	\dashv	#	Ħ	H	Ŧ	Ħ	Ħ	+		Ħ	#	Ħ	Ť	Ħ	Ħ	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
(2) Embankment	229.000 m		\top	1	T	Ħ	廿	\top	H	Ħ	Ħ	-	H	Ŧ	H	\dashv	#	Ħ	\vdash	Ŧ	H	Ħ	+		Ħ	+	П	Ť	Ħ	T	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
7.2 Bridge	2 nos	\top	\top	1	T	Ħ	廿	\top	H	17	_	_	_	_	_	_	_		_	_	H	Ħ	#		Ħ	#	П	Ť	Ħ	T	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
7.3 New Construction of Sluice Gate	1 no	\top	\top		T	П	11	П		T	Ħ	+	H	Ŧ	H	-	T	П	П	T	П	П	1	П	ΠŢ	1	П	丁	П	T	П	П	T	T	П	П	П	丁	П	7	П	T	1	П	1	П	T	T	П	7	Т	П	1	П	П	T	Т	T
7.4 Bank Protection Works	L.S	\top	\top		T	П	11	П		TT	H	+	H	Ŧ	H	Ħ	Ŧ	Ŧ	H	Ŧ	H	Ħ	Ŧ	H	Ħ	Ŧ	П	T	П	T	П	ΠŤ	T	T	Ħ	T	П	T	П	T	П	T	T	П	T	П	T	T	Π	T	T	П	T	П	T	T	Т	T
		\top	\top		T	П	11	П		TT	\top		ΠŤ	T	П	11		T	TT	T	П	ΠŤ	T	П	ΠŤ	T	П	T	П	T	П	ΠŤ	T	T	Ħ	T	П	T	П	T	П	T	T	П	T	П	T	T	Π	T	T	П	T	П	T	T	Т	T
8. Ca My River		T	\sqcap		Πİ	П	11	П	П	ΠĪ	T		Πİ	T	ΠŤ	11		П	ΠŤ	T	П	ΠŤ	T	П	ΠŤ	T	П	T	П	T	П	ΠŤ	T	T	П	П	П	T	П	T	П	ΠŤ	T	П	T	П	T	T	Π	T	T	ΠŤ	T	П	Πİ	T	Т	T
8.1 Dyke		\top	\top		T	П	11	П		TT	\top		ΠŤ	T	П	11		T	TT	T	П	ΠŤ	T	П	ΠŤ	T	П	T	П	T	П	ΠŤ	T	T	Ħ	T	П	T	П	T	П	T	T	П	T	П	T	T	Π	T	T	П	T	П	T	T	Т	T
(1) Excavation	33,400 m3	3	\top		T	П	11	П	П	1 1	\dashv	+	H	Ŧ	H	H		T	\sqcap	T	П	П	T	П	П	T	П	T	П	T	П	П	T	T	Ħ	П	П	T	П	T	П	T	T	П	T	П	T	T	П	丁	T	П	T	П	T	T	Т	丁
(2) Embankment	20,500 m3		\top	1	T	Ħ	T	\top	Ħ	Ħ	Ħ	+	H	Ŧ	H		#	•	1-1	T	Ħ	Ħ	T	П	Ħ	T	Ħ	T	П	\dashv	Ħ	Ħ	1	T	Ħ	T	П	T	Ħ	1	П	\sqcap	T	П	T	П	7	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	†
8.2 Bank Protection Works	L.S	\top	\top	1	T	Ħ	廿	\top	H	Ħ	\blacksquare	-	H	+	H	\dashv	#	•	Ħ	T	П	Ħ	T	П	Ħ	T	Ħ	Ť	Ħ	T	\top	Ħ	T	T	Ħ	T	П	Ť	Ħ	T	Ħ	Ħ	T	П	T	П	T	T	Ħ	1	T	Ħ	T	Ħ	Ħ	1	T	T
		\top	\top	1	T	П	T	\top		TT	\top	\top	ΠŤ	T	ΙT	Ħ	T	T	ΠŤ	T	П	ΠŤ	T	П	Ħ	T	П	T	П	T	П	ΠŤ	T	T	Ħ	П	Ħ	T	П	T	П	Ħ	T	П	T	П	T	T	Π	1	Т	Ħ	T	Ħ	Ħ	1	T	T
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9. Kone River							1 1									1 1											1								1 1														\Box			IJ		1 1				
9. Kone River 9.1 Grovne	6.550 m3	+	+	_	+	Н	+	+	H	H	₩	╧	Н	╧	Н	Н	_	+	H	+	H	H	+	H	H	+	H	+	H	+	Н	H	+	+	Н	+	H	+	H	+	H	H	+	H	+	Н	-		\mathbb{H}	+	╁	H	+	H	\dashv	\dashv	+	+

Hình 16.1 Kế hoạch thực hiện chung theo khu vực Kone River Basin

	Description										Year									
	Description	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1.	Study on Nationwide Water Resources																			
	Kone River Basin Master Plan	_																		
	Kone River Basin Feasibility Study		_																	
2.	Dinh Binh Multipurpose Reservoir																			
2.1	Financial Arrangement																			
2.2	Approval of Project and Arrangement																			
	by GOV																			
2.3	Procurement of Consultant			-																
2.4	Engineering Services (Basic Design,																			
	Detailed Design and Supervision)																			
2.5	Pre-qualification Tendering					_														
2.6																				
2.7	Land Acquisition and Resettlement																	1		
2.8																				
	(Concrete Dam)																			
2.9.	·																			
2.0.	Nelocation Noad																			
3.	Van Phong Weir and Irrigation and Drainage Syste	m																		
3.1	Financial Arrangement																			
	Approval of Project and Arrangement																			
0.2	by GOV																			
3.3	Procurement of Consultant			_																
	Engineering Services (Basic Design,																			
0.1	Detailed Design and Supervision)																			
3.5	Pre-qualification Tendering																			
	International Competitive Bidding					_														
3.7	Land Acquisition and Resettlement																			
3.8																				
3.0	Flood Control Facilities																	1		
4.	Downstream Flood Control Plan																	1		
4.1	Financial Arrangement																			
	Approval of Project and Arrangement																			
4.2	by GOV																	1		
4.2					-											-		-		
4.3					-											-		-		
4.4																				
4.5	Detailed Design and Supervision)				-													-		
	Pre-qualification Tendering		-		-		-				=					-		<u> </u>		
	International Competitive Bidding										_	<u> </u>								
4.7	Land Acquisition and Resettlement		L		<u> </u>		L									<u> </u>		<u> </u>		
4.8	Irrigation and Drainage facilities																			

Hình 16.2 Kế hoạch thực hiện chung theo công trình

Description	2002	2003	2004	2005	2006	2007	2008	2000	2010	Year	2012	2013	2014	2015	2016	2017	2018	2010	201
1. Dinh Binh Multipurpose Reservoir	2002	2003	2004	2003	2006	2007	2008	2009	2010	2011	2012	2013	2014	2013	2016	2017	2018	2019	202
1.1 Preparatory Works							ı												
1.2 River Diversion 1.3 Dam						-	•	•											
- Dam Excavation																			
- Foundation Treatment																			
- Concrete Dam						-													
1.4 Hydromechanical Works 1.5 Hydropower	\vdash					===	===												
- Powerhouse																			
- Generating Equipment								==											
- Substation 1.6 Relocation Road	H								=:										
1.7 High Voltage Line																			
1.8 Financial Arrangement																			
Land Acquisition and Resettlement Business Services by Consultants			••••		••														
2. Van Phong Weir and Irrigation and Drainage System																			
3.1 Preparatory Works 3.2 Van Phong Weir	\vdash																		
- River Diversion and Cofferdam						-		_											
- Weir																			
Scouring Sluice and Intake Facilities Flood Dyke	H						_												
3.3 Rehabilitation Works of Existing Weirs																			
- 7 Weirs						_													
3.4 Construction of New Pumping Station																			
- 6 places 3.5 Main Irrigation System	\vdash																		
- Canal						_													
- Related Structures						-													
Primary and Secondary Irrigation System Canal						_	L	L	L	L							-	-	
- Canal - Related Structures																			
3.7 Drainage System																			
- Drain						_													
- Related Structures 3.8 Farm Road Network						_													
- Road																			
- Related Structures						_													
3.9 On-farm System																			
Improvement of Existing Facilities Rehabilitation and Improvement of Facilities																			-
- New Construction of Facilities																			
3.10 Financial Arrangement																			
3.11 Land Acquisition and Resettlement 3.12 Engineering Services by Consultants			••••		••														
3. Downstream Flood Control System 3.1 Preparatory Works																			
3.1 Preparatory Works 3.2 Thi Nai Swamp	\vdash																		
- Sea Dyke											_		_						
- Improvement of Sluice Gates											_								
													-						
- Improvement of Spillway													_						
- New Construction of Spillway																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River - Dyke																			
- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River - Dyke - Bridges - Side Overflow Spillway																			
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- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River - Dyke - Bridges - Side Overflow Spillway - New Construction of Fixed Weir - Reconstruction of Irrigation Weir																			
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- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River - Dyke - Bridges - Side Overflow Spillway - New Construction of Fixed Weir - Reconstruction of Fixed Weir - Reconstruction of Fixed Weir - Reconstruction of Irrigation Weir - Bank Protection works 3.5 Tan An River - Dyke - Bridges - Side Overflow Spillway																			
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- New Construction of Spillway 3.3 Dap Da River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Bank Protection works - Reconstruction of Irrigation Weir 3.4 Go Cham River - Dyke - Bridges - Side Overflow Spillway - New Construction of Fixed Weir - Reconstruction of Irrigation Weir - Reconstruction of Irrigation Weir - Bank Protection works 3.5 Tan An River - Dyke - Bridges - Side Overflow Spillway - New Construction of Spillway - In A River - Dyke - Bridges - Side Overflow Spillway - New Construction of Sluice Gates - Improvement of Irrigation Weir - Bank Protection works 3.6 Nam Yang River - Dyke																			
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Note: Marked with ••• means design and manufacturing period.