

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PEOPLE'S COMMITTEE OF HO CHI MINH CITY (PCHCMC)

MINISTRY OF PLANNING AND INVESTMENT (MPI)

THE SOCIALIST REPUBLIC OF VIET NAM

THE DETAILED DESIGN STUDY

ON

HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT

IN

THE SOCIALIST REPUBLIC OF VIET NAM

FINAL REPORT

DRAFT BIDDING DOCUMENTS

PACKAGE A :

TAU HU - BEN NGHE CANAL IMPROVEMENT

VOLUME 3 :

DRAFT TENDER DRAWINGS

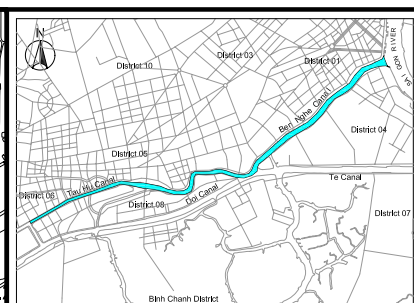
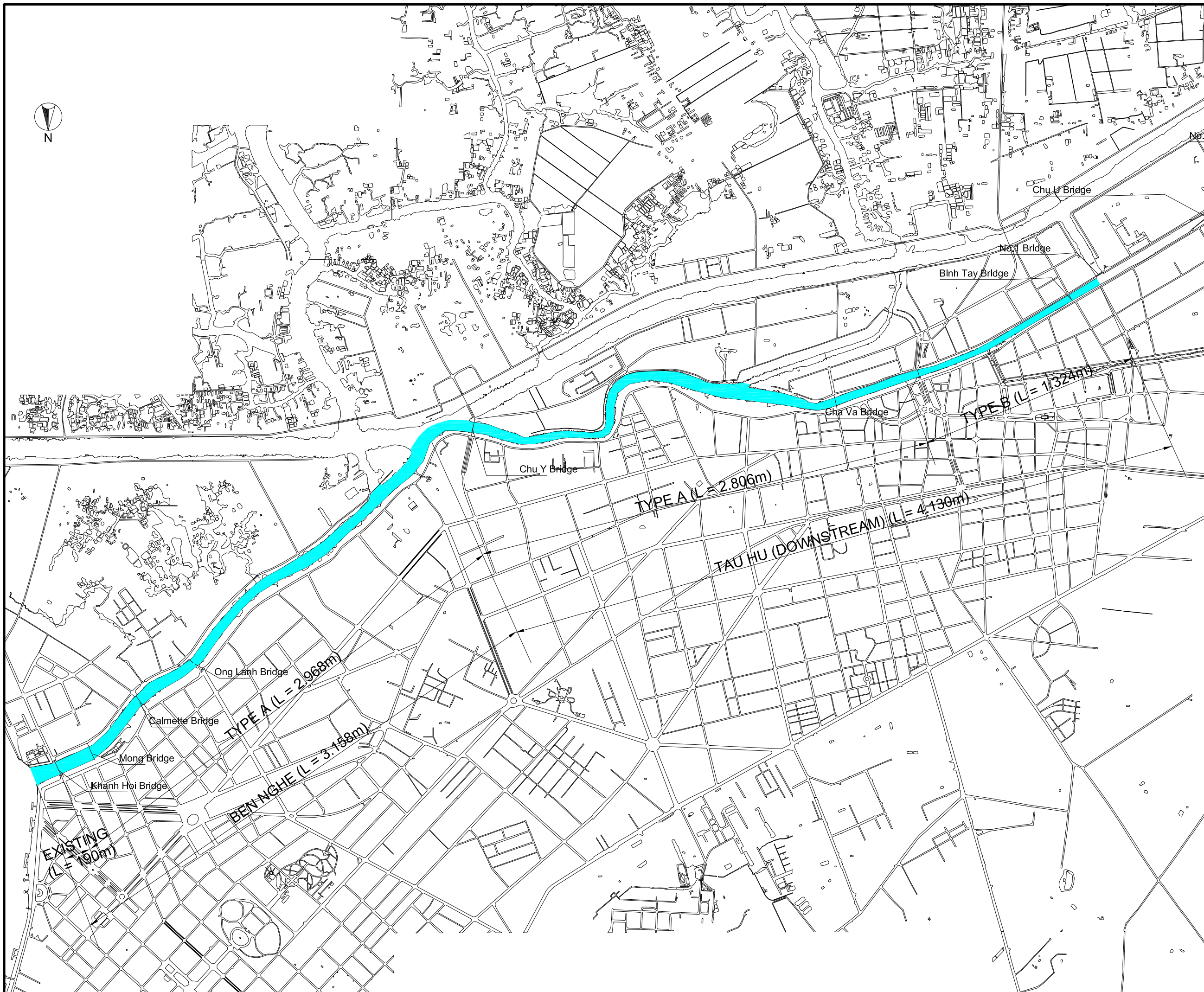
JUNE 2001

PACIFIC CONSULTANTS INTERNATIONAL

**LIST OF DRAWINGS ON PACKAGE A
(TAU HU - BEN NGHE CANAL IMPROVEMENT PROJECT)**

DRAWING NO.	TYTLE	SCALE	DRAWING NO.	TYTLE	SCALE
	(GENEGAL)				
PA-THBNCI-101	LOCATION OF TAU HU - BEN NGHE CANAL IMPROVEMENT PROJECT	1/10000	PA-THBNCI-235	CROSS SECTION (NO. 100 - No. 104)	1/200
PA-THBNCI-102	TOPOGRAPHIC SURVEY DATA AND INFORMATION	1/30000	PA-THBNCI-236	CROSS SECTION (NO. 105 - No. 109)	1/200
PA-THBNCI-103	GEOLOGICAL DATA AND INFORMATION	1/30000	PA-THBNCI-237	CROSS SECTION (NO. 110 - No. 114)	1/200
PA-THBNCI-104	GEOLOGICAL PROFILE ALONG TAU HU - BEN NGHE CANAL	1/250, 1/4000, 1/5000	PA-THBNCI-238	CROSS SECTION (NO. 115 - No. 119)	1/200
PA-THBNCI-105	GENERAL INFORMATION (1/2)	N.T.S.	PA-THBNCI-239	CROSS SECTION (NO. 120 - No. 124)	1/200
PA-THBNCI-106	GENERAL INFORMATION (2/2)	N.T.S.	PA-THBNCI-240	CROSS SECTION (NO. 125 - No. 129)	1/200
	(CIVIL WORK)		PA-THBNCI-241	CROSS SECTION (NO. 130 - No. 134)	1/200
PA-THBNCI-201	PLAN AND PROFILE (NO. 1 - NO. 11)	1/100, 1/1,000	PA-THBNCI-242	CROSS SECTION (NO. 135 - No. 139)	1/200
PA-THBNCI-202	PLAN AND PROFILE (NO. 11 - NO. 23)	1/100, 1/1,000	PA-THBNCI-243	CROSS SECTION (NO. 140 - No. 144)	1/200
PA-THBNCI-203	PLAN AND PROFILE (NO. 23 - NO. 35)	1/100, 1/1,000	PA-THBNCI-244	CROSS SECTION (NO. 145)	1/200
PA-THBNCI-204	PLAN AND PROFILE (NO. 35 - NO. 47)	1/100, 1/1,000	PA-THBNCI-245	SLOPE PROTECTION: TYPE A	1/50
PA-THBNCI-205	PLAN AND PROFILE (NO. 47 - NO. 59)	1/100, 1/1,000	PA-THBNCI-246	SLOPE PROTECTION: TYPE B	1/50
PA-THBNCI-206	PLAN AND PROFILE (NO. 59 - NO. 64)	1/100, 1/1,000	PA-THBNCI-247	OUTLET OF SEWER: BN-L11	1/50
PA-THBNCI-207	PLAN AND PROFILE (NO. 62 - NO. 74)	1/100, 1/1,000	PA-THBNCI-248	OUTLET OF SEWER: TH-L15	1/50
PA-THBNCI-208	PLAN AND PROFILE (NO. 74 - NO. 84)	1/100, 1/1,000	PA-THBNCI-249	OUTLET OF SEWER: BN-R9	1/50
PA-THBNCI-209	PLAN AND PROFILE (NO. 84 - NO. 91)	1/100, 1/1,000	PA-THBNCI-250	OUTLET OF SEWER: TH-L10	1/50
PA-THBNCI-210	PLAN AND PROFILE (NO. 91 - NO. 103)	1/100, 1/1,000	PA-THBNCI-251	OUTLET OF SEWERS: BN-L13 & BN-L17	1/50
PA-THBNCI-211	PLAN AND PROFILE (NO. 103 - NO. 115)	1/100, 1/1,000	PA-THBNCI-252	OUTLET OF SEWERS: BN-L4, BN-L5, BN-L7 & TH-L6	1/50
PA-THBNCI-212	PLAN AND PROFILE (NO. 115 - NO. 127)	1/100, 1/1,000	PA-THBNCI-253	OUTLET OF COMBINED SEWERS: TH-L9 & TH-L14	1/50
PA-THBNCI-213	PLAN AND PROFILE (NO. 127 - NO. 139)	1/100, 1/1,000	PA-THBNCI-254	OUTLET OF SEWERS: TH-L18 & TH-L22	1/50
PA-THBNCI-214	PLAN AND PROFILE (NO. 139 - NO. 147)	1/100, 1/1,000	PA-THBNCI-255	TYPE A)	1/50
PA-THBNCI-215	CROSS SECTION (NO. 0- No. 4)	1/200	PA-THBNCI-256	(REVTMENT TYPE A)	1/50
PA-THBNCI-216	CROSS SECTION (NO. 5 - No. 9)	1/200	PA-THBNCI-257	OUTLET OF SEWERS: TH-R5, TH-R6	1/50
PA-THBNCI-217	CROSS SECTION (NO. 10 - No. 14)	1/200	PA-THBNCI-258	(REVTMENT TYPE B) AND PIPE DIAMETER OF 400MM	1/50
PA-THBNCI-218	CROSS SECTION (NO. 15 - No. 19)	1/200	PA-THBNCI-259	CANAL	1/100, 1/1000
PA-THBNCI-219	CROSS SECTION (NO. 20 - No. 24)	1/200	PA-THBNCI-260	OTHER UTILITY SERVICES (1)	1/100, 1/500
PA-THBNCI-220	CROSS SECTION (NO. 25 - No. 29)	1/200	PA-THBNCI-261	OTHER UTILITY SERVICES (2)	1/100, 1/500
PA-THBNCI-221	CROSS SECTION (NO. 30 - No. 34)	1/200	PA-THBNCI-262	UTILITY SERVICES (1)	1/100
PA-THBNCI-222	CROSS SECTION (NO. 35 - No. 39)	1/200	PA-THBNCI-263	UTILITY SERVICES (2)	1/100
PA-THBNCI-223	CROSS SECTION (NO. 40 - No. 44)	1/200	PA-THBNCI-264	PLAN AND SECTION OF SEWER MANHOLE AND OUTLET	1/100
PA-THBNCI-224	CROSS SECTION (NO. 45 - No. 49)	1/200	PA-THBNCI-265		1/5, 1/10
PA-THBNCI-225	CROSS SECTION (NO. 50 - No. 54)	1/200	PA-THBNCI-266	LANDSCAPE WORK OF O/M SPACE	1/50, 1/200
PA-THBNCI-226	CROSS SECTION (NO. 55 - No. 59)	1/200		(ELECTRICAL WORK)	
PA-THBNCI-227	CROSS SECTION (NO. 60 - No. 64)	1/200	PA-THBNCI-267	LAYOUT OF O/M SPACE LIGHTING	1/1000
PA-THBNCI-228	CROSS SECTION (NO. 65 - No. 69)	1/200			
PA-THBNCI-229	CROSS SECTION (NO. 70 - No. 74)	1/200			
PA-THBNCI-230	CROSS SECTION (NO. 75 - No. 79)	1/200			
PA-THBNCI-231	CROSS SECTION (NO. 80 - No. 84)	1/200			
PA-THBNCI-232	CROSS SECTION (NO. 85 - No. 89)	1/200			
PA-THBNCI-233	CROSS SECTION (NO. 90 - No. 94)	1/200			
PA-THBNCI-234	CROSS SECTION (NO. 95 - No. 99)	1/200			

GENERAL



LOCATION MAP
Scale 1 : 65,000

NO.	DATE	DESCRIPTIONS	BY	APRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE A
TAU HU - BEN NGHE CANAL IMPROVEMENT
LOCATION OF
TAU HU - BEN NGHE CANAL
IMPROVEMENT PROJECT

SCALE : 1 : 10000

 JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

 PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED TOKUMASU TOSHIKI	CHECKED KONDO MASAMI
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DATE : JUNE 2001 | DWG. No. PA -THBNCI - 101



BENCH MARK DATA				
NO	EL.	X	Y	REMARKS
204K	2.440			Mui Nai
208K	1.905			Mui Nai
210K	2.342			Mui Nai
217-2k	2.231	1189343.056	573745.643	Mui Nai
276-3k	1.805	1189288.364	573477.709	Mui Nai
429K	1.955			Mui Nai
523K	1.863			Mui Nai
BM(Mc1)	1.593			Mui Nai
LC 1	4.651			Mui Nai
LC 2	2.197			Mui Nai
LC 3	1.466			Mui Nai

LEGEND

- Bench Mark and Number of Bench Mark
- District Boundary
- Ward Boundary

NO.	DATE	DESCRIPTIONS	BY	APPRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE A
TAU HU - BEN NGHE CANAL IMPROVEMENT

TOPOGRAPHIC SURVEY DATA
AND INFORMATION

SCALE : 1 / 30000

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED TOKUMASU TOSHIAKI	CHECKED KONDO MASAMI
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DATE : JUNE 2001 DWG. No. PA - THBNCI - 102