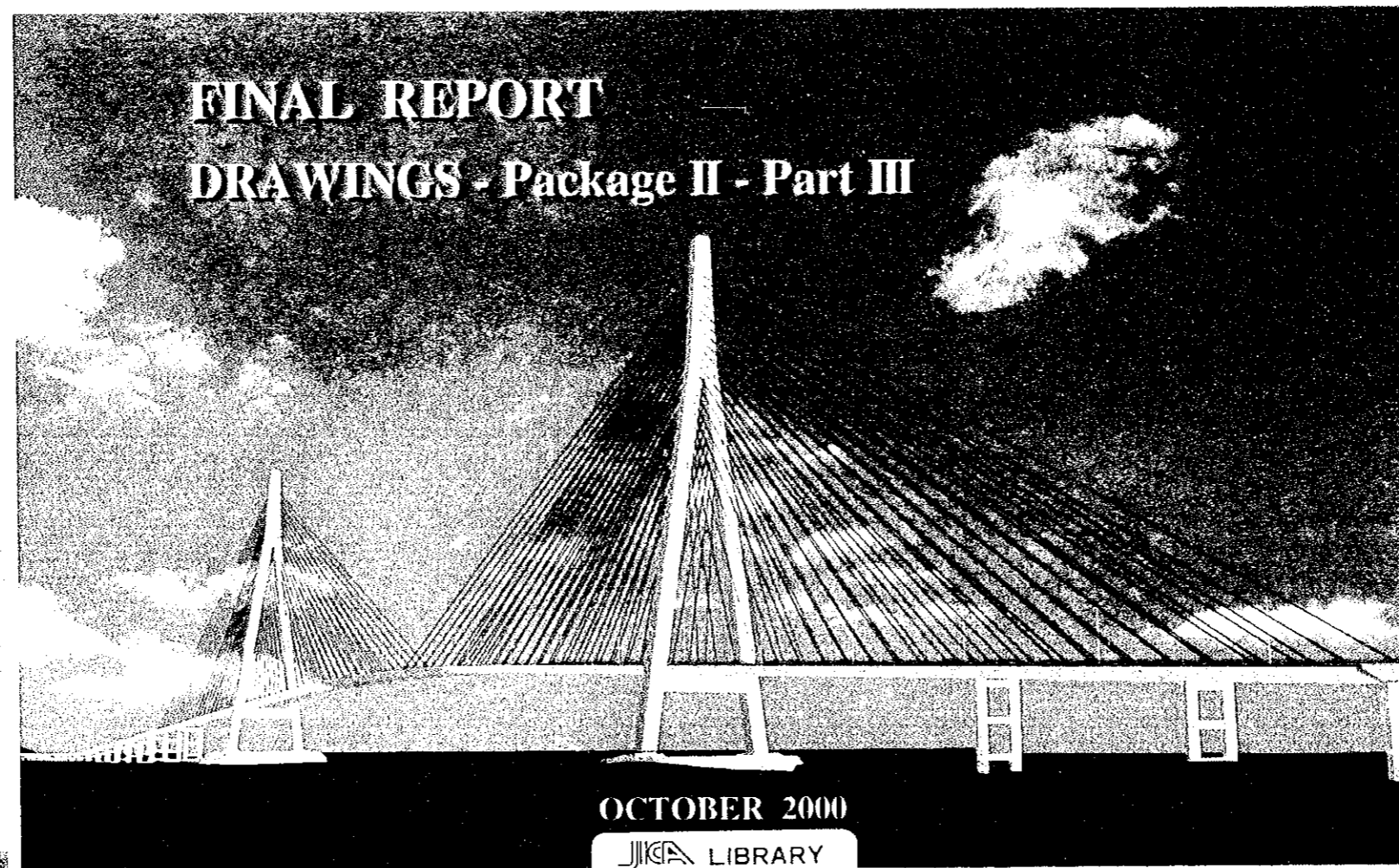


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
MINISTRY OF TRANSPORT  
SOCIALIST REPUBLIC OF VIET NAM

**THE DETAILED DESIGN  
ON  
THE CAN THO BRIDGE CONSTRUCTION  
IN  
SOCIALIST REPUBLIC OF VIET NAM**



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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
MINISTRY OF TRANSPORT  
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**THE DETAILED DESIGN  
ON  
THE CAN THO BRIDGE CONSTRUCTION  
IN  
SOCIALIST REPUBLIC OF VIET NAM**

**FINAL REPORT**

**DRAWINGS - Package II - Part III**

**OCTOBER 2000**

**NIPPON KOEI CO., LTD.**



1161225 [6]

THE DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT  
IN SOCIALIST REPUBLIC OF VIET NAM

CAN THO BRIDGE CONSTRUCTION PROJECT

PACKAGE2

SUPERSTRUCTURE OF PC - I GIRDER

OCTOBER - 2000

NIPPON KOEI Co., Ltd.

in association with



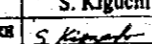


TRANSPORT ENGINEERING DESIGN INC. SOUTH

**DRAWING LIST(1)**

DRAWING No.	DRAWING TITLE
<b>GENERAL</b>	
P2/GE/0010	DRAWING LIST(1)
P2/GE/0020	DRAWING LIST(2)
P2/GE/0030	LOCATION MAP
P2/GE/0040	STRUCTURAL NOTE
P2/GE/0050	GENERAL VIEW (1)
P2/GE/0060	GENERAL VIEW (2)
P2/GE/0070	GENERAL COORDINATE OF BRIDGE (1)
P2/GE/0080	GENERAL COORDINATE OF BRIDGE (2)
P2/GE/0090	GENERAL COORDINATE OF BRIDGE (3)
<b>SUPERSTRUCTURE</b>	
<b>APPROACH BRIDGE (VINH LONG SIDE)</b>	
<b>ABUTMENT1~PIER12(PC I GIRDER)</b>	
P2/A1/0010	GENERAL ARRANGEMENT OF GIRDER (1)
P2/A1/0020	GENERAL ARRANGEMENT OF GIRDER (2)
P2/A1/0030	GENERAL ARRANGEMENT OF GIRDER (3)
P2/A1/0040	GENERAL ARRANGEMENT OF GIRDER (4)
P2/A1/0050	PC TENDON ARRANGEMENT OF GIRDER (1)
P2/A1/0060	PC TENDON ARRANGEMENT OF GIRDER (2)
P2/A1/0070	PC TENDON ARRANGEMENT OF GIRDER (3)
P2/A1/0080	PC TENDON ARRANGEMENT OF DIAPHRAGM
P2/A1/0090	BAR ARRANGEMENT OF GIRDER (1)
P2/A1/0100	BAR ARRANGEMENT OF GIRDER (2)
P2/A1/0110	BAR ARRANGEMENT OF DIAPHRAGM (1)
P2/A1/0120	BAR ARRANGEMENT OF DIAPHRAGM (2)
P2/A1/0130	BAR ARRANGEMENT OF DECK SLAB (1)
P2/A1/0140	BAR ARRANGEMENT OF DECK SLAB (2)
P2/A1/0150	BAR ARRANGEMENT OF DECK SLAB (3)
<b>APPROACH BRIDGE (CAN THO SIDE 1)</b>	
<b>PIER17~PIER36(PC I GIRDER)</b>	
P2/A1/0160	GENERAL ARRANGEMENT OF GIRDER (1)
P2/A1/0170	GENERAL ARRANGEMENT OF GIRDER (2)
P2/A1/0180	GENERAL ARRANGEMENT OF GIRDER (3)
P2/A1/0190	GENERAL ARRANGEMENT OF GIRDER (4)
P2/A1/0200	GENERAL ARRANGEMENT OF GIRDER (5)
P2/A1/0210	GENERAL ARRANGEMENT OF GIRDER (6)
P2/A1/0220	GENERAL ARRANGEMENT OF GIRDER (7)
P2/A1/0230	GENERAL ARRANGEMENT OF GIRDER (8)

DRAWING No.	DRAWING SCHEDULE
P2/A1/0240	PC TENDON ARRANGEMENT OF GIRDER (1)
P2/A1/0250	PC TENDON ARRANGEMENT OF GIRDER (2)
P2/A1/0260	PC TENDON ARRANGEMENT OF GIRDER (3)
P2/A1/0270	PC TENDON ARRANGEMENT OF GIRDER (4)
P2/A1/0280	PC TENDON ARRANGEMENT OF GIRDER (5)
P2/A1/0290	PC TENDON ARRANGEMENT OF GIRDER (6)
P2/A1/0300	PC TENDON ARRANGEMENT OF GIRDER (7)
P2/A1/0310	PC TENDON ARRANGEMENT OF GIRDER (8)
P2/A1/0320	PC TENDON ARRANGEMENT OF DIAPHRAGM
P2/A1/0330	BAR ARRANGEMENT OF GIRDER (1)
P2/A1/0340	BAR ARRANGEMENT OF GIRDER (2)
P2/A1/0350	BAR ARRANGEMENT OF GIRDER (3)
P2/A1/0360	BAR ARRANGEMENT OF GIRDER (4)
P2/A1/0370	BAR ARRANGEMENT OF DIAPHRAGM (1)
P2/A1/0380	BAR ARRANGEMENT OF DIAPHRAGM (2)
P2/A1/0390	BAR ARRANGEMENT OF DECK SLAB (1)
P2/A1/0400	BAR ARRANGEMENT OF DECK SLAB (2)
P2/A1/0410	BAR ARRANGEMENT OF DECK SLAB (3)
P2/A1/0420	BAR ARRANGEMENT OF DECK SLAB (4)
P2/A1/0430	BAR ARRANGEMENT OF DECK SLAB (5)
P2/A1/0440	BAR ARRANGEMENT OF DECK SLAB (6)
<b>APPROACH BRIDGE (CAN THO SIDE 2)</b>	
<b>PIER41~ABUTMENT2(PC I GIRDER)</b>	
P2/A1/0450	GENERAL ARRANGEMENT OF GIRDER (1)
P2/A1/0460	GENERAL ARRANGEMENT OF GIRDER (2)
P2/A1/0470	PC TENDON ARRANGEMENT OF GIRDER (1)
P2/A1/0480	PC TENDON ARRANGEMENT OF GIRDER (2)
P2/A1/0490	PC TENDON ARRANGEMENT OF DIAPHRAGM
P2/A1/0500	BAR ARRANGEMENT OF GIRDER (1)
P2/A1/0510	BAR ARRANGEMENT OF GIRDER (2)
P2/A1/0520	BAR ARRANGEMENT OF DIAPHRAGM (1)
P2/A1/0530	BAR ARRANGEMENT OF DIAPHRAGM (2)
P2/A1/0540	BAR ARRANGEMENT OF DECK SLAB (1)
P2/A1/0550	BAR ARRANGEMENT OF DECK SLAB (2)
P2/A1/0560	BAR ARRANGEMENT OF DECK SLAB (3)



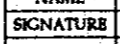

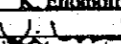
DRAWING No.	DRAWING TITLE
<b>SUBSTRUCTURE</b>	
<b>ABUTMENT A1 (A2)</b>	
P2/AC/0570	GENERAL VIEW OF ABUTMENT
P2/AC/0580	ABUTMENT A2 REINFORCEMENT ARRANGESHEET 2
P2/AC/0590	ABUTMENT A2 REINFORCEMENT ARRANGESHEET 1
P2/AC/0600	ABUTMENT A2 DETAILED REINFORCEMENT BARS
P2/AC/0610	ABUTMENT A1 EARTHWORKS SLOPE PROTECTION
P2/AC/0620	ABUTMENT A2 EARTHWORKS SLOPE PROTECTION
P2/AC/0630	DETAILS OF APPROACH SLAB
<b>PIER No.1 (29,31,34,42)</b>	
P2/AC/0640	GENERAL VIEW OF PIER No.1 (29,31,34,42)
P2/AC/0650	REINFORCEMENT ARRANGEMENT OF PIER No.1
P2/AC/0660	DETAILS REINFORCEMENT BARS OF PIER No.1
<b>PIER No.2 (3,27,28,30,32,33)</b>	
P2/AC/0670	GENERAL VIEW OF PIER No.2 (3,27,28,30,32,33)
P2/AC/0680	REINFORCEMENT ARRANGEMENT OF PIER No.2
P2/AC/0690	DETAILED REINFORCEMENT BARS OF PIER No.2
<b>PIER No.5 (6,9,21,24,25,35)</b>	
P2/AC/0700	GENERAL VIEW OF PIER No.5 (6,9,21,24,25,35)
P2/AC/0710	REINFORCEMENT ARRANGEMENT OF PIER No.5
P2/AC/0720	DETAILS REINFORCEMENT BARS OF PIER No.5
<b>PIER No.7 (8,22,23)</b>	
P2/AC/0730	GENERAL VIEW OF PIER No.7 (8,22,23)
P2/AC/0740	REINFORCEMENT ARRANGEMENT OF PIER No.7
P2/AC/0750	DETAILS REINFORCEMENT BARS OF PIER No.7
<b>PIER No.10 (11,19,20)</b>	
P2/AC/0760	GENERAL VIEW OF PIER No.10 (11,19,20)
P2/AC/0770	REINFORCEMENT ARRANGEMENT OF PIER No.10 - 1
P2/AC/0780	REINFORCEMENT ARRANGEMENT OF PIER No.10 - 2
P2/AC/0790	DETAILS REINFORCEMENT BARS OF PIER No.10
<b>PIER No.18</b>	
P2/AC/0800	GENERAL VIEW OF PIER No.18
P2/AC/0810	REINFORCEMENT ARRANGEMENT OF PIER No.18 - 1
P2/AC/0820	REINFORCEMENT ARRANGEMENT OF PIER No.18 - 2
P2/AC/0830	DETAILS REINFORCEMENT BARS OF PIER No.18
<b>PIER No.26 (4)</b>	
P2/AC/0840	GENERAL VIEW OF PIER No.26 (4)
P2/AC/0850	REINFORCEMENT ARRANGEMENT OF PIER No.26
P2/AC/0860	DETAILS REINFORCEMENT BARS OF PIER No.26

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME: S. Kiguchi SIGNATURE:  DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE:  DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE:  DATE: 3/10/2000	APPROACH BRIDGE GENERAL DRAWING LIST (1)	P2/GE/0010

DRAWING LIST(2)

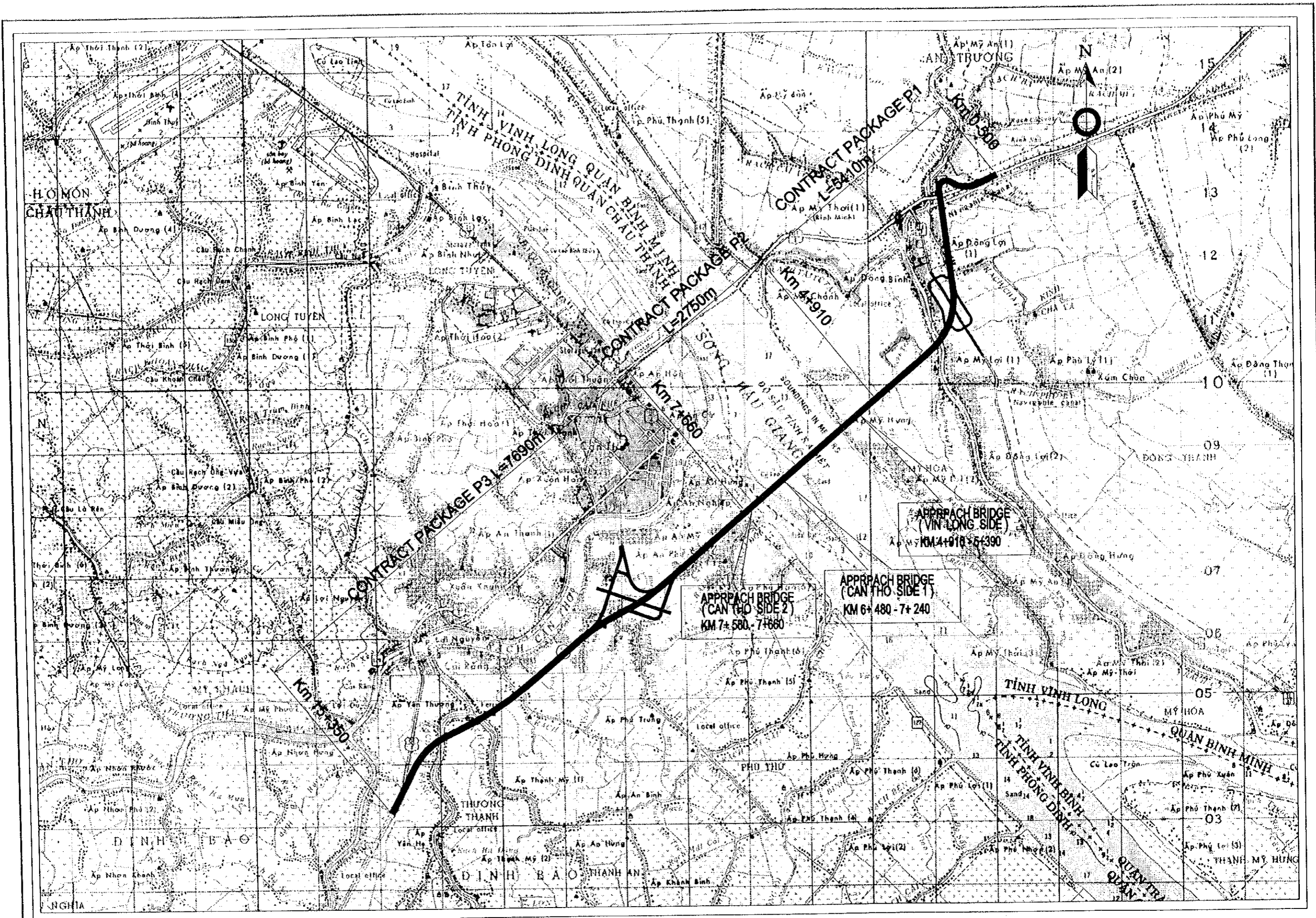
DRAWING No.	DRAWING TITLE
<b>PILE</b>	
P2/A1/0870	A - 1 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=59m
P2/A1/0880	A - 2 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=52m
P2/A1/0890	P - 1 (10,11)BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=57m
P2/A1/0900	P - 2 (3,7,8)BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=57m
P2/A1/0910	P - 4 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=57m
P2/A1/0920	P - 5 (6,9)BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=57m
P2/A1/0930	P - 18 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=67m
P2/A1/0940	P - 19 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=63m
P2/A1/0950	P - 20 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=64m
P2/A1/0960	P - 21 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=64m
P2/A1/0970	P - 22 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=65m
P2/A1/0980	P - 23 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=68m
P2/A1/0990	P - 24 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=69m
P2/A1/1000	P - 25 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=70m
P2/A1/1010	P - 26 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=68m
P2/A1/1020	P - 27 (28) BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=71m
P2/A1/1030	P - 29 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=72m
P2/A1/1040	P - 30 (32) BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=73m
P2/A1/1050	P - 31 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=73m
P2/A1/1060	P - 33 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=75m
P2/A1/1070	P - 34 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=75m
P2/A1/1080	P - 35 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=75m
P2/A1/1090	P - 42 BORED CAST-IN-SITU PILE $\phi$ 1500mm-L=61m

DRAWING No.	DRAWING SCHEDULE
<b>MISCELLANEOUS</b>	
P2/MC/0010	DETAILS OF BEARING (1)
P2/MC/0020	DETAILS OF BEARING (2)
P2/MC/0030	DETAILS OF BEARING (3)
P2/MC/0040	DETAILS OF BEARING (4)
P2/MC/0050	DETAILS OF BEARING (5)
P2/MC/0060	DETAILS OF BEARING (6)
P2/MC/0070	DETAILS OF BEARING (7)
P2/MC/0080	DETAIL OF EXPANSION JOINT
P2/MC/0090	BAR ARRANGEMENT OF BARRIER (1)
P2/MC/0100	BAR ARRANGEMENT OF BARRIER (2)
P2/MC/0110	BAR ARRANGEMENT OF BARRIER (3)
P2/MC/0120	BAR ARRANGEMENT OF BARRIER (4)
P2/MC/0130	BAR ARRANGEMENT OF CENTRAL REVERSE
P2/MC/0140	TEMPORARY NAVIGATION MARKER BUOYS SYSTEM
P2/MC/0150	PERMANENT NAVIGATIONAL BRIDGE LIGHT AND MARKER BUOYS SYSTEM
P2/MC/0160	ROAD LIGHTING
P2/MC/0170	ROAD LIGHTING LAYOUT (1)
P2/MC/0180	ROAD LIGHTING LAYOUT (2)
P2/MC/0190	ROAD LIGHTING LAYOUT (3)
P2/MC/0200	ROAD LIGHTING LAYOUT (4)
P2/MC/0210	POWER RECEIVING SYSTEM
P2/MC/0220	DETAIL OF POWER RECEIVING SYSTEM
P2/MC/0230	LAYOUT OF DRAINAGE (1)
P2/MC/0240	LAYOUT OF DRAINAGE (2)
P2/MC/0250	LAYOUT OF DRAINAGE (3)
P2/MC/0260	LAYOUT OF DRAINAGE (4)
P2/MC/0270	DETAIL OF DRAINAGE FACILITY

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM  NIPPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE APPROACH BRIDGE GENERAL DRAWING LIST (2)	DWG NO. P2/GE/0020	
				NAME	S. Kiguchi	K. Matsumoto			K. Enomoto
				SIGNATURE					
DATE	20/9/2000	29/9/2000	5/10/2000						

# I.GENERAL





PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	S. Kiguchi	K. Matsumoto	K. Enomoto	APPROACH BRIDGE GENERAL LOCATION MAP	P2/GE/0030
				SIGNATURE S. Kiguchi	K. Matsumoto	K. Enomoto		
				DATE 20/9/2000	29/9/2000	5/10/2000		

# STRUCTURAL NOTES

## 1. GENERAL

- 1.1. UNLESS OTHERWISE NOTED THESE NOTES ARE APPLIED TO ALL DRAWINGS.
- 1.2. THE SCALE INDICATED IN DRAWINGS IS FOR 'A3' SIZE.
- 1.3. ALL CHAINAGES, COORDINATES, ELEVATIONS ARE IN METRES. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
- 1.4. THE ELEVATION SYSTEM IS REFERED TO THE MEAN SEA DATUM ELEVATION AT HONDAU - DO SON. COORDINATE REFER TO THE NATIONAL GRID SYSTEM.

## 2. DESIGN CRITERIA & LOADS

- 2.1. DESIGN STANDARDS:
  - AASHTO 1998 - LRFD BRIDGE DESIGN SPECIFICATIONS
  - AASHTO GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF SEGMENTAL CONCRETE BRIDGES
  - JAPANESE HIGHWAY AND BRIDGE STANDARDS 1996
  - VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
- 2.2. DESIGN LOADS:
  - B\_LOADING IN ACCORDANCE WITH JAPANESE CODE
  - BASIC WIND VELOCITY : 160 KM/H - AASHTO LRFD 98
  - LATERAL SEISMIC RESPONSE COEFFICIENT : 0.12
  - UNIFORM TEMPERATURE : ±15°C
  - TEMPERATURE DIFFERENTIAL : 5°C

## 3. CONCRETE

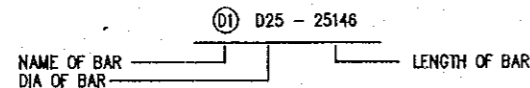
- 3.1. UNLESS OTHERWISE INDECATED CONCRETE SHALL BE OF THE FOLLOWING GRADES BASED ON 28 DAY CYLINDER STRENGTH  $f_c$ :

CONCRETE CLASS	STRENGTH $f_c$ MPa	KIND OF STRUCTURE IN USE
B	40	PC BOX GIRDER, I-GIRDER
C	35	DIAPHRAGM FOR PC-I GIRDER
D	30	IN-SITU DECK SLAB, BORED PILE
E	24	PIER, ABUTMENT, PILE CAP, RETAINING WALL, PARAPET, BARRIER, KERB
G	15	LEAN CONCRETE

- 3.2. WHEREVER FORMS ARE NOT USED REINFORCED CONCRETE SHALL BE PLACED AGAINST 100mm MINIMUM THICKNESS LEAN CONCRETE.
- 3.3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 20x20mm UNLESS OTHERWISE NOTED.
- 3.4. ALL CONSTRUCTION JOINTS ARE TO BE LOCATED AS SHOWN ON THE DRAWINGS OR AS ENGINEER'S APPROVAL.

## 4. REINFORCEMENT

- 4.1. REINFORCEMENT SHALL BE DEFORMED, EXCEPT THAT PLAIN BARS OR PLAIN WIRE MAY BE USED FOR SPIRALS, HOOPS, AND WIRE FABRIC.
- 4.2. REINFORCEMENT SHALL BE SD390 OR EQUIVALENT. PLAIN ROUND BAR WITH  $f_y(\min)$  250 MPa AND HIGH YIELD DEFORMED BARS WITH YIELD STRENGTH NOT LESS THAN  $f_y(\min)$  390 MPa SHALL BE USED.
- 4.3. REINFORCEMENT IS NOTED ON THE DRAWINGS AS FOLLOWS:



- 4.4. ALL REINFORCEMENTS ARE SHOWN AS \_\_\_\_\_
- 4.5. SPLICES IN ADJACENT BARS SHALL BE STAGGERED EXCEPT WHERE NOTED ON THE DRAWINGS. SPLICES OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY ONLY BE MADE WITH THE ENGINEER'S APPROVAL.

## 4. REINFORCEMENT (CONTINUED)

- 4.6. REINFORCEMENTS INDECATED AS RANDOM LENGTH MAY BE LAP SPLICED AS NECESSARY SUBJECT TO THE FOLLOWING CONDITIONS:
  - A) LAP SPLICES IN ADJACENT BARS SHALL BE STAGGERED
  - B) MINIMUM LAP LENGTHS SHALL BE IN ACCORDANCE WITH AASHTO LRFD 1998, EXCEPT BORED PILE SHALL BE 40 BAR DIAMETERS
  - C) NOT MORE THAN ONE BAR PER LINE IS TO BE SHORTER THAN 12 METRES FOR ANY DIAMETER
- 4.7. UNLESS OTHERWISE INDECATED ON THE DRAWINGS, THE MINIMUM COVER TO ANY REINFORCEMENT SHALL BE AS FOLLOWS:
  - 75mm BORED PILE, RETAINING WALL & ABUTMENT
  - 50mm PILE CAP, DECK SLAB, PIER & ABUTMENT, PARAPET, KERB, APPROACH SLAB, etc...
  - TOLERANCE ON COVER IS +/-5MM

## 5. PRESTRESSING

- 5.1. NOMINAL DIAMETER, YIELD AND TENSILE STRENGTH OF PRESTRESSED TENDON ARE SPECIFIED AS FOLLOWS:

UTILIZATION	NOMINAL DIAMETER (mm)	TENSILE STRENGTH (MPa)	YIELD STRENGTH (MPa)	JACKING FORCE (kN)
INTERNAL CABLE	12S12.7	1860	1570	1650
TRANSVERSE CABLE	4S12.7	1810	1570	550

- 5.2. PRESTRESSED TENDONS SHALL BE FORMED FROM THE STRANDS OF 12.7mm DIAMETER MADE BY 7 LOW RELAXATION WIRES GRADE 270 CORRESPONDING WITH ASTM A416M. THE ACTUAL TENDON SIZES AND INITIAL PRESTRESSED FORCE ARE GIVEN ON THE DETAIL DRAWINGS.
- 5.3. PRESTRESSED SYSTEMS TO BE ADOPTED SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.4. DUCTS FOR INTERNAL TENDONS SHALL BE SEMI-RIGID GALVANISED SHEATHING UNLESS OTHERWISE NOTED AND SHALL BE RIGIDLY SUPPORTED AT NOT MORE THAN 750mm FROM CENTRES.
- 5.5. THE METHOD TO FIX THE DUCTS AND THE METHOD OF JOINTING AND SEALING OF DUCTS AT CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.6. TENDON PROFILES ARE SPECIFIED TO THE CENTER OF SHEATHING. THE TENDON ARE TO BE PLACED TO SMOOTH PROFILES PASSING THROUGH THE SPECIFIED POINTS.
- 5.7. EACH TENDON SHALL BE KEPT STRAIGHT FOR A MINIMUM LENGTH OF 1000mm FROM ANCHORAGE FACES.
- 5.8. GROUTING POINTS SHALL BE PROVIDED AT ALL CROWN POINTS, SAG POINTS, ANCHORAGES AND DEVATORS.

## 6. WATERPROOF

- 6.1. ALL REINFORCED CONCRETE SURFACES IN CONTACT WITH BACKFILL SHALL BE COATED WITH TWO COATS OF BITUMINOUS MEMBRANE.
- 6.2. THE BRIDGE DECK SHALL BE WATERPROOFED WITH APPROVED PROPRIETARY WATERPROOFING SYSTEM IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

## 7. SUPERSTRUCTURE

- 7.1. SUPERSTRUCTURE IS DESIGNED ON THE BASIS OF CONSTRUCTION SEQUENCE DETAILED ON THE DRAWINGS. ANY CHANGES TO THE CONSTRUCTION SEQUENCE WILL REQUIRE A RE-DESIGN OF THE BRIDGE.
- 7.2. THE SUPERSTRUCTURE DESIGN IS BASED ON THE USE OF INTERNAL PRESTRESSING WITH THE FOLLOWING PARAMETERS:

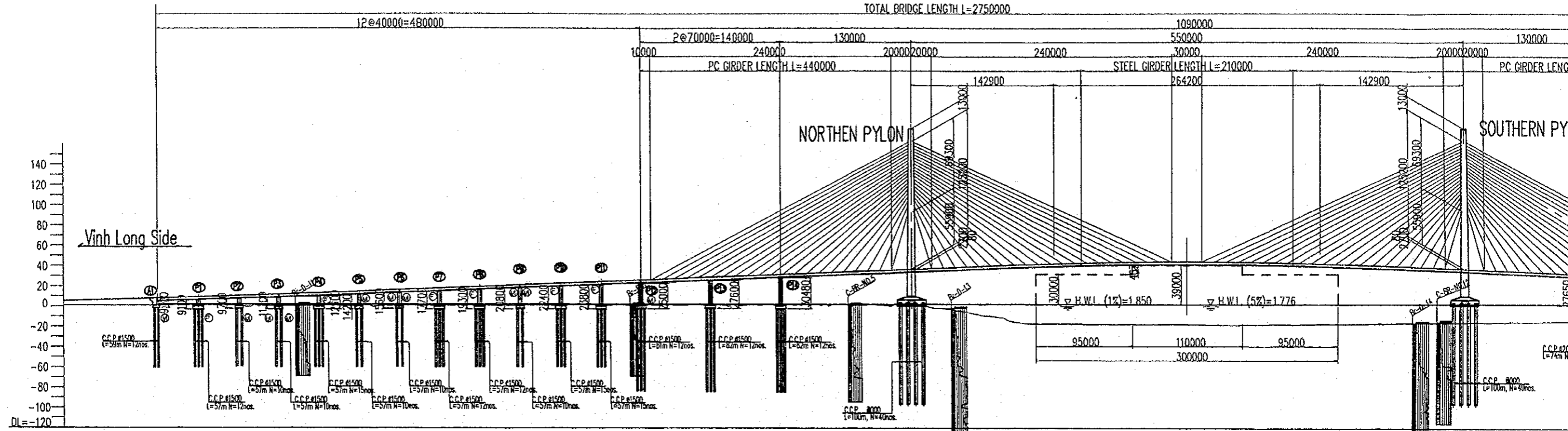
COEFFICIENT OF FRICTION - 1/RAD	0.25
WOBBLE FACTOR K - 1/m (FOR INTERNAL ONLY)	0.004
PULL-IN	5 mm
RELATIVE HUMIDITY	85%

- 7.3. ANCHOR BAR SHALL BE CONFORMING TO THE REQUIREMENTS OF SS400 OF JS G3101.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME: S. Kiguchi SIGNATURE: <i>S. Kiguchi</i> DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: <i>K. Matsumoto</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	APPROACH BRIDGE GENERAL STRUCTURAL NOTES	P2/GE/0040

# SIDE ELEVATION

SCALE 1:4000

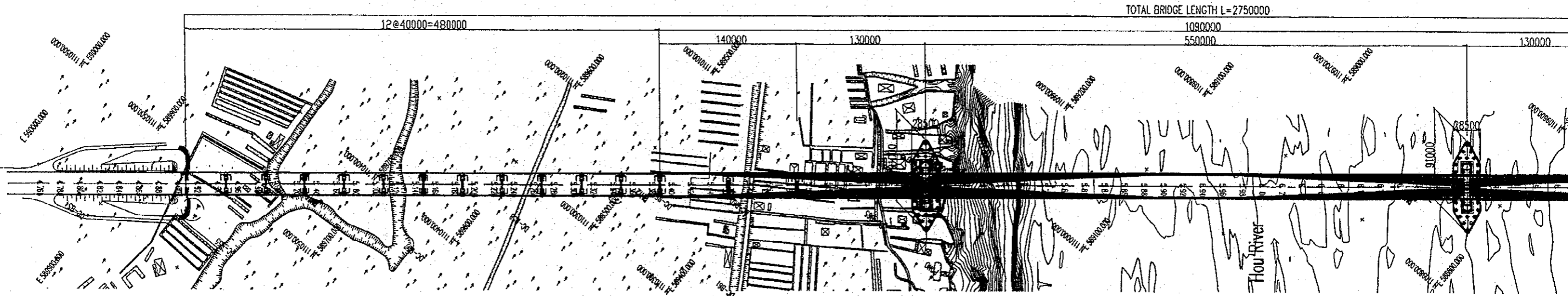


GRADE	L=2.5%												L=1.0%																							
DESIGN LEVELS	7.634	7.938	8.110	10.278	10.572	11.874	13.000	14.200	14.608	16.200	17.600	18.200	18.400	21.000	22.200	22.600	24.200	25.800	30.200	31.400	34.200	35.600	38.200	41.500	42.722	44.022	44.247	44.400	44.022	43.872	41.500	41.000	37.000	35.500	33.000	
EXISTING HEIGHT	1.09	1.09	0.81	0.95	0.33	0.63	0.74	0.63	0.62	0.73	0.73	0.72	0.75	0.92	0.98	0.94	1.12	1.14	1.11	1.14	1.47	1.32	-2.99	-17.45	-17.34	-17.59	-17.82	-17.55	-18.22	-17.97	-17.56	-17.33	-16.49	-16.33	-14.85	
DISTANCE	0.000	400.000	800.000	1200.000	1600.000	2000.000	2400.000	2800.000	3200.000	3600.000	4000.000	4400.000	4800.000	5200.000	5600.000	6000.000	6400.000	6800.000	7200.000	7600.000	8000.000	8400.000	8800.000	9200.000	9600.000	10000.000	10400.000	10800.000	11200.000	11600.000	12000.000	12400.000	12800.000	13200.000	13600.000	14000.000
CHAINAGE	44900.0	45300.0	45700.0	46100.0	46500.0	46900.0	47300.0	47700.0	48100.0	48500.0	48900.0	49300.0	49700.0	50100.0	50500.0	50900.0	51300.0	51700.0	52100.0	52500.0	52900.0	53300.0	53700.0	54100.0	54500.0	54900.0	55300.0	55700.0	56100.0	56500.0	56900.0	57300.0	57700.0	58100.0	58500.0	58900.0
CURVE ELEMENT																																				

# PLAN

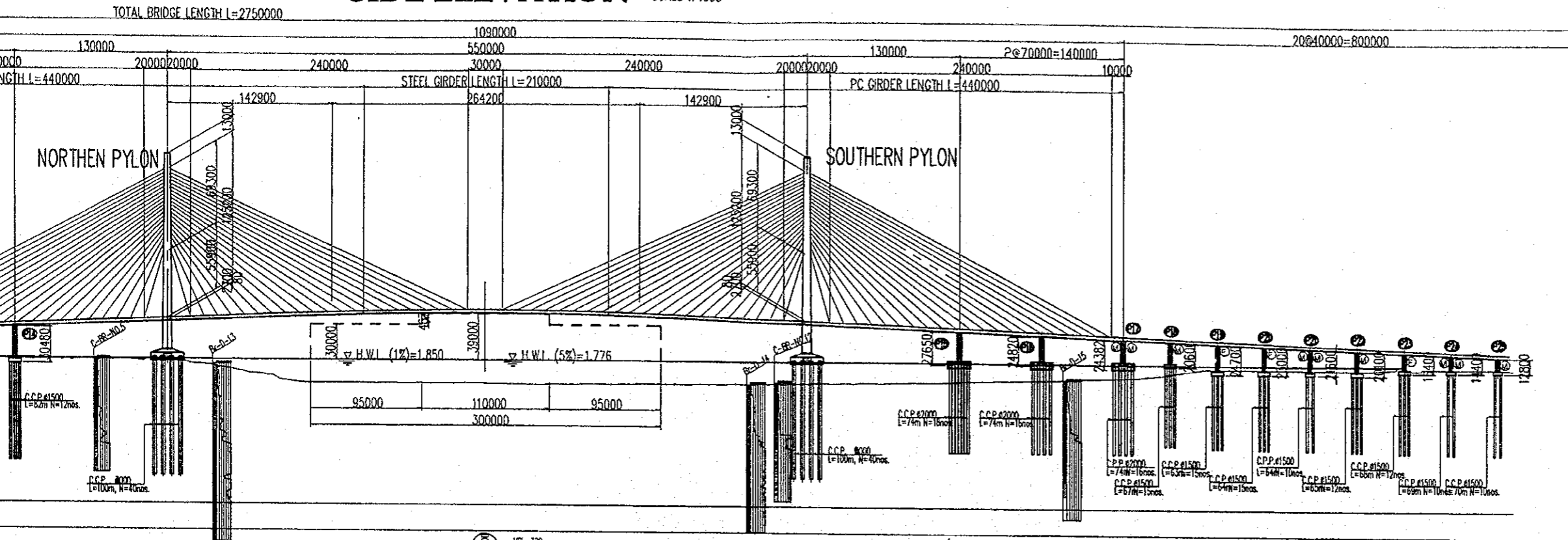
SCALE 1:2000

Vinh Long Side



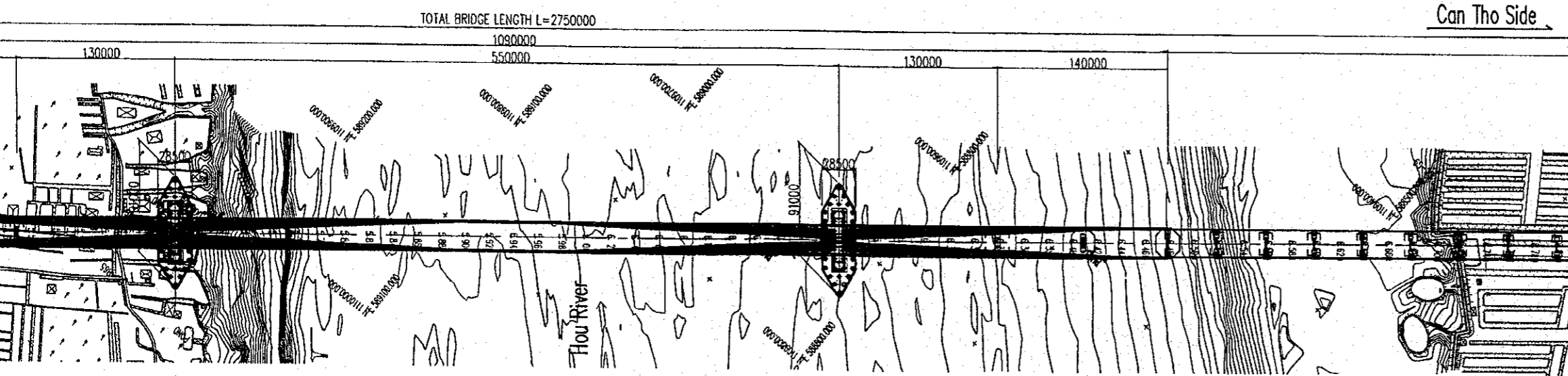
# GENERAL VIEW (1/2)

## SIDE ELEVATION SCALE 1:4000

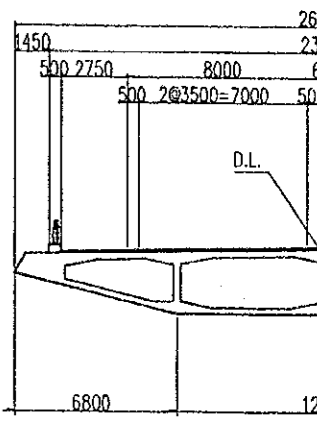


Stationing	31.400	34.200	38.600	38.200	41.580	42.722	44.022	44.247	44.400	44.000	41.580	37.000	33.000	31.400	28.000	25.800	25.000	24.200	22.600	21.000	19.400	17.800	17.000	16.200	14.600	13.000
Elevation	1.74	1.47	1.32	-2.29	-17.45	-17.34	-17.59	-17.82	-17.55	-18.22	-17.97	-16.19	-14.85	-11.81	-9.38	-7.51	-5.80	-1.21	-1.19	-1.45	-1.51	-0.75	0.46	0.30	0.76	
Coordinates	5+433.00	5+600.00	5+768.00	5+936.00	6+104.00	6+272.00	6+440.00	6+608.00	6+776.00	6+944.00	7+112.00	7+280.00	7+448.00	7+616.00	7+784.00	7+952.00	8+120.00	8+288.00	8+456.00	8+624.00	8+792.00	8+960.00	9+128.00	9+296.00	9+464.00	9+632.00

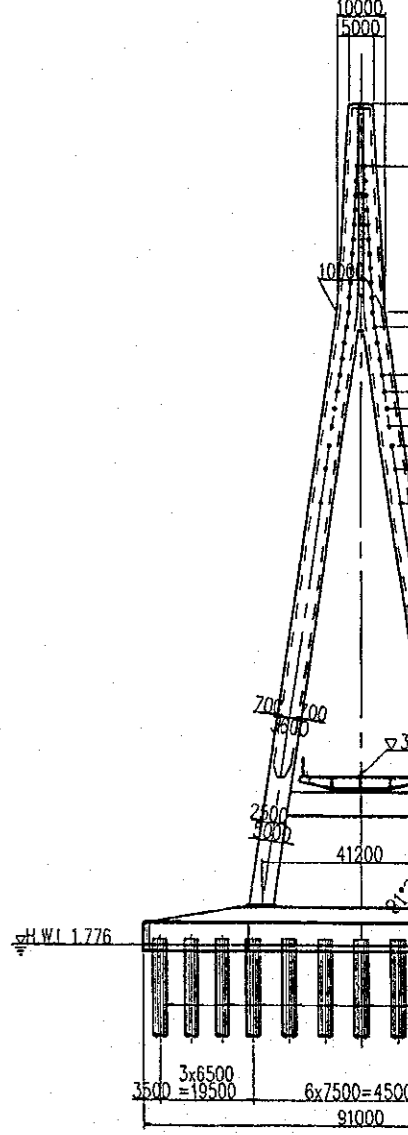
## PLAN SCALE 1:2000



## PC BOX



## PYL (NORTHERN) FRONT ELE

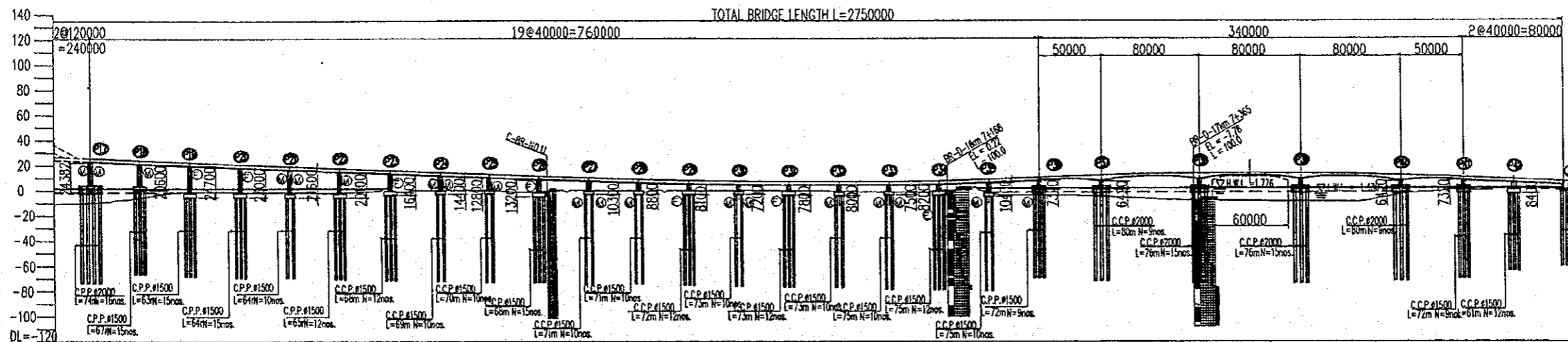


<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
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# SIDE ELEVATION

SCALE 1:4000



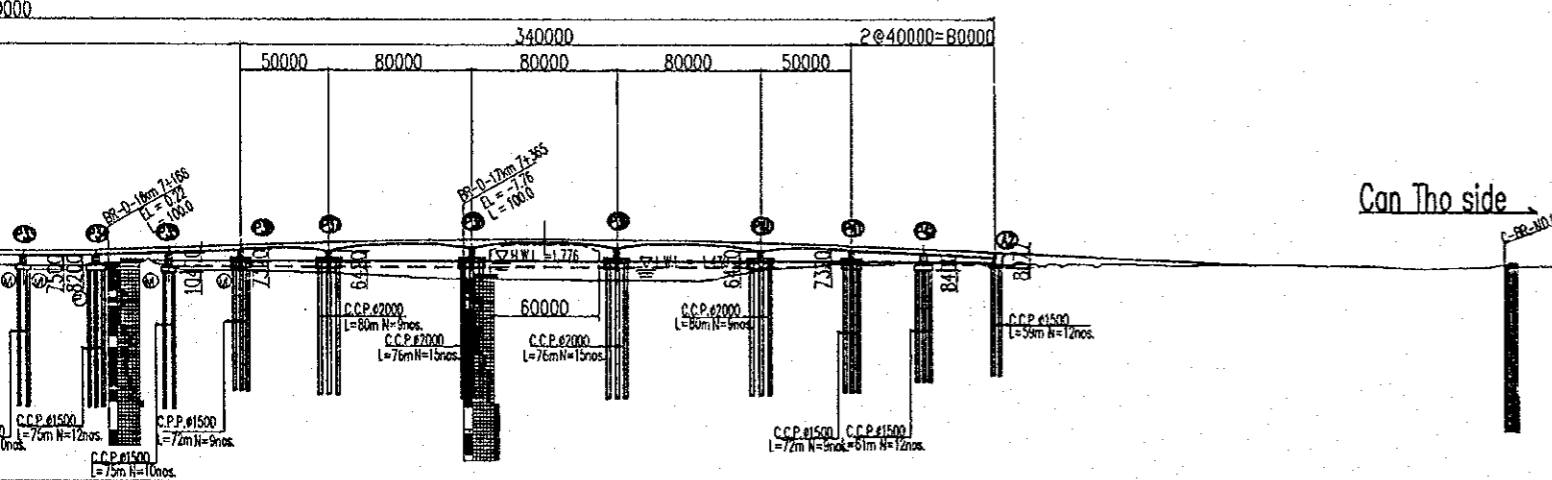
GRADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
DESIGN LEVELS	25.800	25.000	24.200	22.900	21.000	19.400	17.800	17.000	16.200	14.800	13.000	11.900	10.200	9.300	8.900	7.770	7.370	7.150	7.100	7.100	7.102	7.500	7.500	8.600	10.400	12.200	12.400	13.800	13.900	14.000	13.000	12.900	12.200	10.400	9.600	8.800	7.200	5.600	1.770																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
EXISTING HEIGHT	-9.55	-7.91	-5.80	-1.21	-1.19	-1.43	-1.53	-0.75	0.46	0.30	0.26	-1.58	0.13	0.14	0.31	0.35	0.07	0.13	0.07	-0.82	-1.19	-1.10	0.04	-1.14	-3.88	-4.74	-5.31	-7.84	-8.88	-8.70	-3.21	1.56	0.45	0.800	1.70	1.00	0.35	1.59	-0.73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
DISTANCE	0+000.0	0+400.0	0+800.0	1+200.0	1+600.0	2+000.0	2+400.0	2+800.0	3+200.0	3+600.0	4+000.0	4+400.0	4+800.0	5+200.0	5+600.0	6+000.0	6+400.0	6+800.0	7+200.0	7+600.0	8+000.0	8+400.0	8+800.0	9+200.0	9+600.0	10+000.0	10+400.0	10+800.0	11+200.0	11+600.0	12+000.0	12+400.0	12+800.0	13+200.0	13+600.0	14+000.0	14+400.0	14+800.0	15+200.0	15+600.0	16+000.0	16+400.0	16+800.0	17+200.0	17+600.0	18+000.0	18+400.0	18+800.0	19+200.0	19+600.0	20+000.0	20+400.0	20+800.0	21+200.0	21+600.0	22+000.0	22+400.0	22+800.0	23+200.0	23+600.0	24+000.0	24+400.0	24+800.0	25+200.0	25+600.0	26+000.0	26+400.0	26+800.0	27+200.0	27+600.0	28+000.0	28+400.0	28+800.0	29+200.0	29+600.0	30+000.0	30+400.0	30+800.0	31+200.0	31+600.0	32+000.0	32+400.0	32+800.0	33+200.0	33+600.0	34+000.0	34+400.0	34+800.0	35+200.0	35+600.0	36+000.0	36+400.0	36+800.0	37+200.0	37+600.0	38+000.0	38+400.0	38+800.0	39+200.0	39+600.0	40+000.0	40+400.0	40+800.0	41+200.0	41+600.0	42+000.0	42+400.0	42+800.0	43+200.0	43+600.0	44+000.0	44+400.0	44+800.0	45+200.0	45+600.0	46+000.0	46+400.0	46+800.0	47+200.0	47+600.0	48+000.0	48+400.0	48+800.0	49+200.0	49+600.0	50+000.0	50+400.0	50+800.0	51+200.0	51+600.0	52+000.0	52+400.0	52+800.0	53+200.0	53+600.0	54+000.0	54+400.0	54+800.0	55+200.0	55+600.0	56+000.0	56+400.0	56+800.0	57+200.0	57+600.0	58+000.0	58+400.0	58+800.0	59+200.0	59+600.0	60+000.0	60+400.0	60+800.0	61+200.0	61+600.0	62+000.0	62+400.0	62+800.0	63+200.0	63+600.0	64+000.0	64+400.0	64+800.0	65+200.0	65+600.0	66+000.0	66+400.0	66+800.0	67+200.0	67+600.0	68+000.0	68+400.0	68+800.0	69+200.0	69+600.0	70+000.0	70+400.0	70+800.0	71+200.0	71+600.0	72+000.0	72+400.0	72+800.0	73+200.0	73+600.0	74+000.0	74+400.0	74+800.0	75+200.0	75+600.0	76+000.0	76+400.0	76+800.0	77+200.0	77+600.0	78+000.0	78+400.0	78+800.0	79+200.0	79+600.0	80+000.0	80+400.0	80+800.0	81+200.0	81+600.0	82+000.0	82+400.0	82+800.0	83+200.0	83+600.0	84+000.0	84+400.0	84+800.0	85+200.0	85+600.0	86+000.0	86+400.0	86+800.0	87+200.0	87+600.0	88+000.0	88+400.0	88+800.0	89+200.0	89+600.0	90+000.0	90+400.0	90+800.0	91+200.0	91+600.0	92+000.0	92+400.0	92+800.0	93+200.0	93+600.0	94+000.0	94+400.0	94+800.0	95+200.0	95+600.0	96+000.0	96+400.0	96+800.0	97+200.0	97+600.0	98+000.0	98+400.0	98+800.0	99+200.0	99+600.0	100+000.0	100+400.0	100+800.0	101+200.0	101+600.0	102+000.0	102+400.0	102+800.0	103+200.0	103+600.0	104+000.0	104+400.0	104+800.0	105+200.0	105+600.0	106+000.0	106+400.0	106+800.0	107+200.0	107+600.0	108+000.0	108+400.0	108+800.0	109+200.0	109+600.0	110+000.0	110+400.0	110+800.0	111+200.0	111+600.0	112+000.0	112+400.0	112+800.0	113+200.0	113+600.0	114+000.0	114+400.0	114+800.0	115+200.0	115+600.0	116+000.0	116+400.0	116+800.0	117+200.0	117+600.0	118+000.0	118+400.0	118+800.0	119+200.0	119+600.0	120+000.0	120+400.0	120+800.0	121+200.0	121+600.0	122+000.0	122+400.0	122+800.0	123+200.0	123+600.0	124+000.0	124+400.0	124+800.0	125+200.0	125+600.0	126+000.0	126+400.0	126+800.0	127+200.0	127+600.0	128+000.0	128+400.0	128+800.0	129+200.0	129+600.0	130+000.0	130+400.0	130+800.0	131+200.0	131+600.0	132+000.0	132+400.0	132+800.0	133+200.0	133+600.0	134+000.0	134+400.0	134+800.0	135+200.0	135+600.0	136+000.0	136+400.0	136+800.0	137+200.0	137+600.0	138+000.0	138+400.0	138+800.0	139+200.0	139+600.0	140+000.0	140+400.0	140+800.0	141+200.0	141+600.0	142+000.0	142+400.0	142+800.0	143+200.0	143+600.0	144+000.0	144+400.0	144+800.0	145+200.0	145+600.0	146+000.0	146+400.0	146+800.0	147+200.0	147+600.0	148+000.0	148+400.0	148+800.0	149+200.0	149+600.0	150+000.0	150+400.0	150+800.0	151+200.0	151+600.0	152+000.0	152+400.0	152+800.0	153+200.0	153+600.0	154+000.0	154+400.0	154+800.0	155+200.0	155+600.0	156+000.0	156+400.0	156+800.0	157+200.0	157+600.0	158+000.0	158+400.0	158+800.0	159+200.0	159+600.0	160+000.0	160+400.0	160+800.0	161+200.0	161+600.0	162+000.0	162+400.0	162+800.0	163+200.0	163+600.0	164+000.0	164+400.0	164+800.0	165+200.0	165+600.0	166+000.0	166+400.0	166+800.0	167+200.0	167+600.0	168+000.0	168+400.0	168+800.0	169+200.0	169+600.0	170+000.0	170+400.0	170+800.0	171+200.0	171+600.0	172+000.0	172+400.0	172+800.0	173+200.0	173+600.0	174+000.0	174+400.0	174+800.0	175+200.0	175+600.0	176+000.0	176+400.0	176+800.0	177+200.0	177+600.0	178+000.0	178+400.0	178+800.0	179+200.0	179+600.0	180+000.0	180+400.0	180+800.0	181+200.0	181+600.0	182+000.0	182+400.0	182+800.0	183+200.0	183+600.0	184+000.0	184+400.0	184+800.0	185+200.0	185+600.0	186+000.0	186+400.0	186+800.0	187+200.0	187+600.0	188+000.0	188+400.0	188+800.0	189+200.0	189+600.0	190+000.0	190+400.0	190+800.0	191+200.0	191+600.0	192+000.0	192+400.0	192+800.0	193+200.0	193+600.0	194+000.0	194+400.0	194+800.0	195+200.0	195+600.0	196+000.0	196+400.0	196+800.0	197+200.0	197+600.0	198+000.0	198+400.0	198+800.0	199+200.0	199+600.0	200+000.0	200+400.0	200+800.0	201+200.0	201+600.0	202+000.0	202+400.0	202+800.0	203+200.0	203+600.0	204+000.0	204+400.0	204+800.0	205+200.0	205+600.0	206+000.0	206+400.0	206+800.0	207+200.0	207+600.0	208+000.0	208+400.0	208+800.0	209+200.0	209+600.0	210+000.0	210+400.0	210+800.0	211+200.0	211+600.0	212+000.0	212+400.0	212+800.0	213+200.0	213+600.0	214+000.0	214+400.0	214+800.0	215+200.0	215+600.0	216+000.0	216+400.0	216+800.0	217+200.0	217+600.0	218+000.0	218+400.0	218+800.0	219+200.0	219+600.0	220+000.0	220+400.0	220+800.0	221+200.0	221+600.0	222+000.0	222+400.0	222+800.0	223+200.0	223+600.0	224+000.0	224+400.0	224+800.0	225+200.0	225+600.0	226+000.0	226+400.0	226+800.0	227+200.0	227+600.0	228+000.0	228+400.0	228+800.0	229+200.0	229+600.0	230+000.0	230+400.0	230+800.0	231+200.0	231+600.0	232+000.0	232+400.0	232+800.0	233+200.0	233+600.0	234+000.0	234+400.0	234+800.0	235+200.0	235+600.0	236+000.0	236+400.0	236+800.0	237+200.0	237+600.0	238+000.0	238+400.0	238+800.0	239+200.0	239+600.0	240+000.0	240+400.0	240+800.0	241+200.0	241+600.0	242+000.0	242+400.0	242+800.0	243+200.0	243+600.0	244+000.0	244+400.0	244+800.0	245+200.0	245+600.0	246+000.0	246+400.0	246+800.0	247+200.0	247+600.0	248+000.0	248+400.0	248+800.0	249+200.0	249+600.0	250+000.0	250+400.0	250+800.0	251+200.0	251+600.0	252+000.0	252+400.0	252+800.0	253+200.0	253+600.0	254+000.0	254+400.0	254+800.0	255+200.0	255+600.0	256+000.0	256+400.0	256+800.0	257+200.0	257+600.0	258+000.0	258+400.0	258+800.0	259+200.0	259+600.0	260+000.0	260+400.0	260+800.0	261+200.0	261+600.0	262+000.0	262+400.0	262+800.0	263+200.0	263+600.0	264+000.0	264+400.0	264+800.0	265+200.0	265+600.0	266+000.0	266+400.0	266+800.0	267+200.0	267+600.0	268+000.0	268+400.0	268+800.0	269+200.0	269+600.0	270+000.0	270+400.0	270+800.0	271+200.0	271+600.0	272+000.0	272+400.0	272+800.0	273+200.0	273+600.0	274+000.0	274+400.0	274+800.0	275+200.0	275+600.0	276+000.0	276+400.0	276+800.0	277+200.0	277+600.0	278+000.0	278+400.0	278+800.0	279+200.0	279+600.0	280+000.0	280+400.0	280+800.0	281+200.0	281+600.0	282+000.0	282+400.0	282+800.0	283+200.0	283+600.0	284+000.0	284+400.0	284+800.0	285+200.0	285+600.0	286+000.0	286+400.0	286+800.0	287+200.0	287+600.0	288+000.0	288+400.0	288+800.0	289+200.0	289+600.0	290+000.0	290+400.0	290+800.0	291+200.0	291+600.0	292+000.0	292+400.0	292+800.0	293+200.0	293+600.0	294+000.0	294+400.0	294+800.0	295+200.0	295+600.0	296+000.0	296+400.0	296+800.0	297+200.0	297+600.0	298+000.0	298+400.0	298+800.0	299+200.0	299+600.0	300+000.0	300+400.0	300+800.0	301+200.0	301+600.0	302+000.0	302+400.0	302+800.0	303+200.0	303+600.0	304+000.0	304+400.0	304+800.0	305+200.0	305+600.0	306+000.0	306+400.0	306+800.0	307+200.0	307+600.0	308+000.0	308+400.0	308+800.0	309+200.0	309+600.0	310+000.0	310+400.0	310+800.0	311+200.0	311+600.0	312+000.0	312+400.0	312+800.0	313+200.0	313+600.0	314+000.0	314+400.0	314+800.0	315+200.0	315+600.0	316+000.0	316+400.0	316+800.0	317+200.0	317+600.0	318+000.0	318+400.0	318+800.0	319+200.0	319+600.0	320+000.0	320+400.0	320+800.0	321+200.0	321+600.0	322+000.0	322+400.0	322+800.0	323+200.0	323+600.0	324+000.0	324+400.0	324+800.0	325+200.0	325+600.0	326+000.0	326+400.0	326+800.0	

# GENERAL VIEW (2/2)

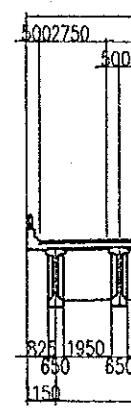
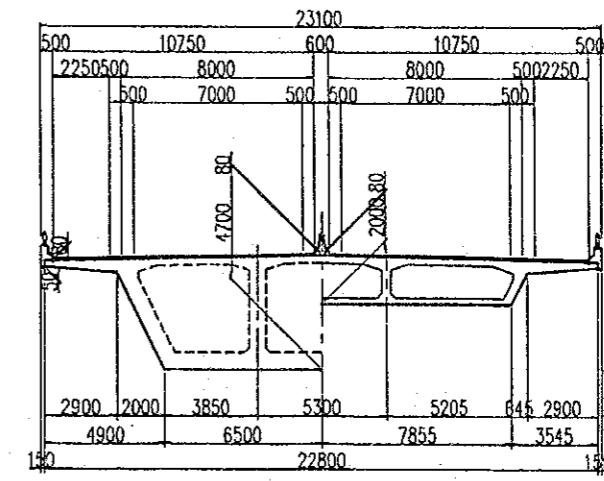
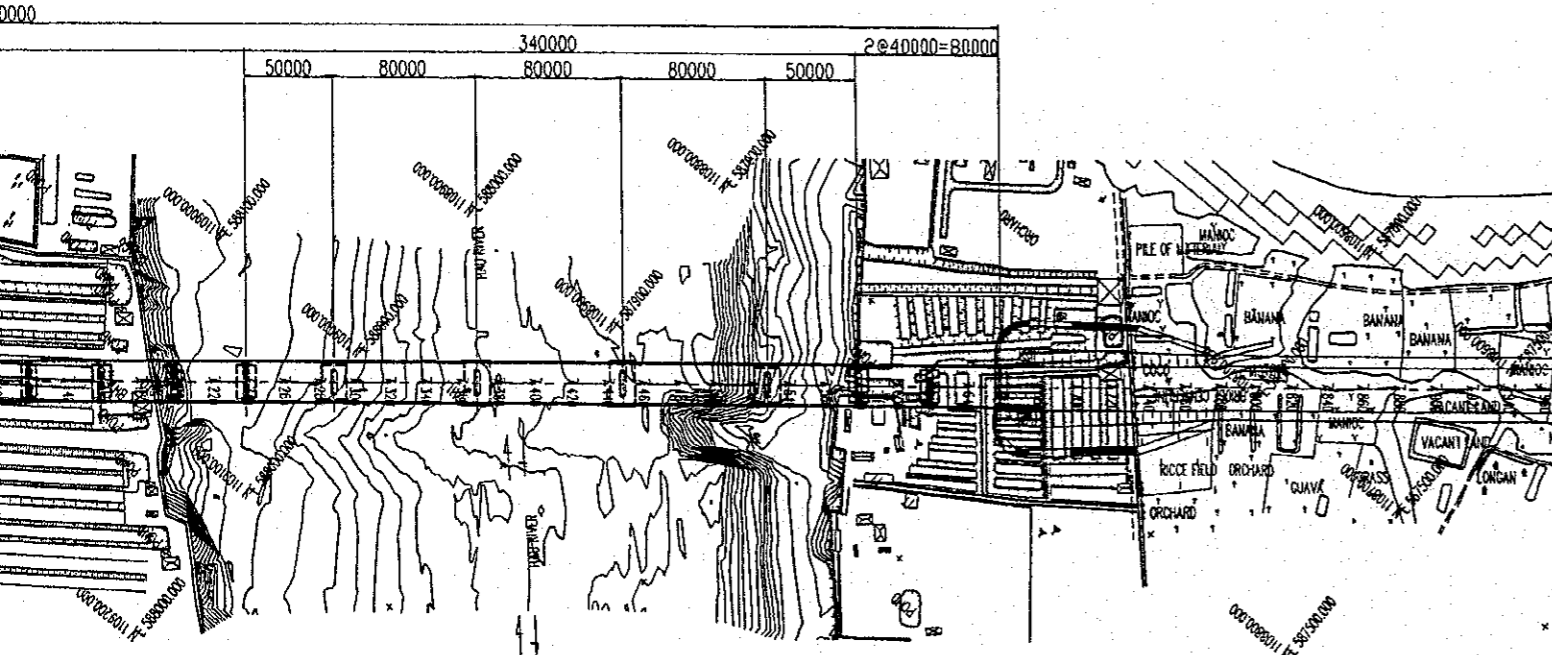
# SUPERSTRUCTURE SCALE 1:4000

## MAIN BRIDGE OF SUB-STREAM PC BOX GIRDER

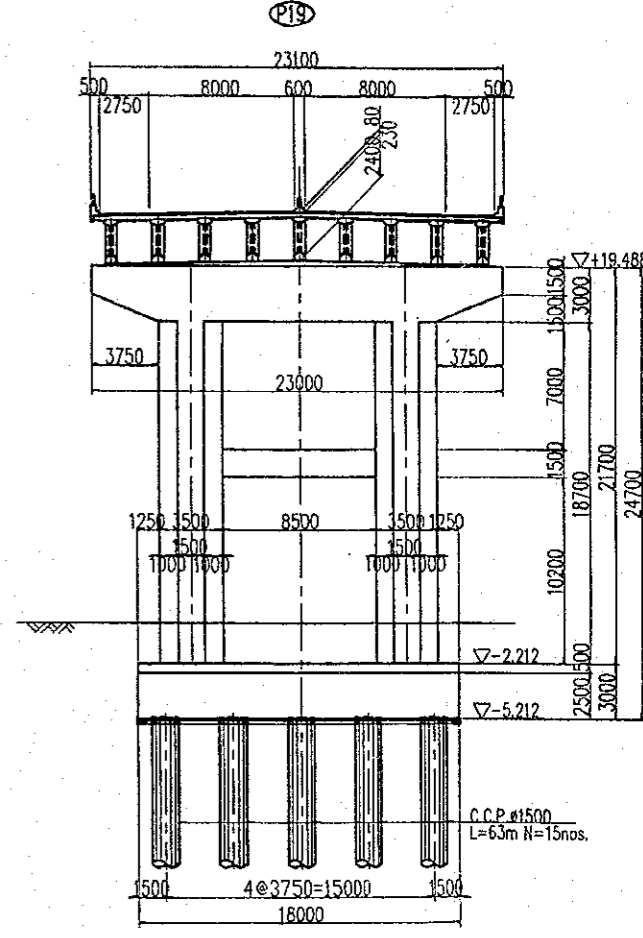
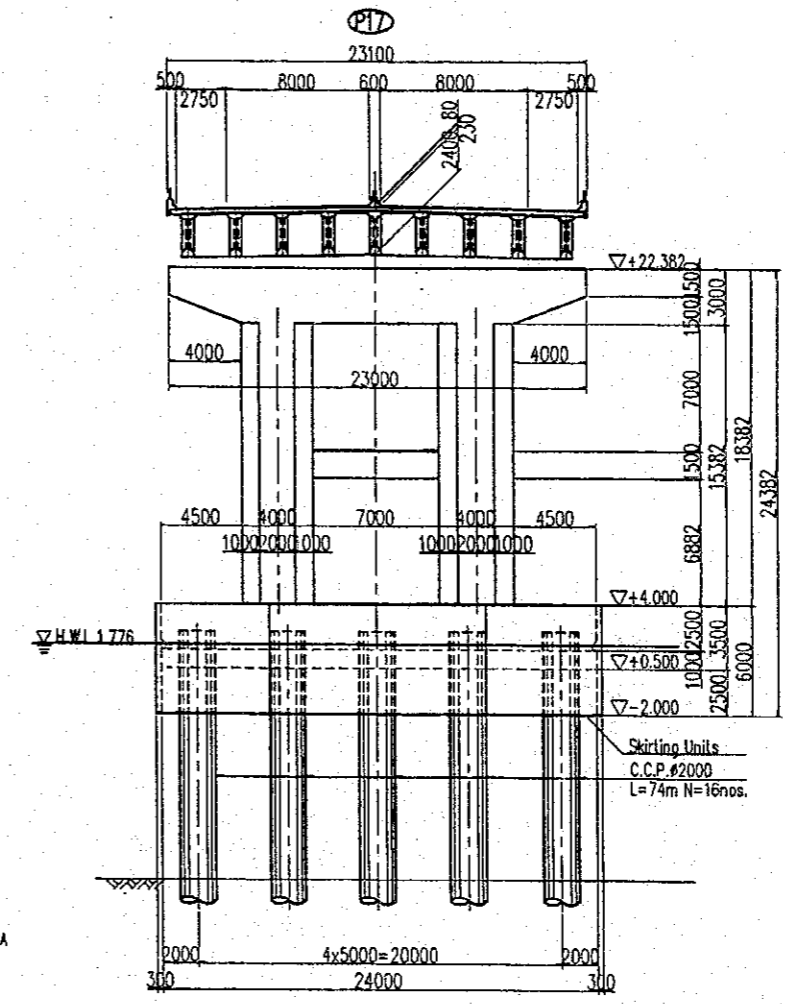
1:4000



7.102	7.500	8.600	10.400	12.200	12.408	13.800	13.988	14.000	13.800	12.988	12.200	10.400	9.600	8.800	7.200	5.600	1.779
-1.29	-1.10	-1.14	-3.08	-4.74	-5.31	-7.84	-8.23	-8.33	-8.89	-8.70	-3.21	1.56	0.45	1.20	1.00	0.35	-0.73
74128.0	74157.5	74160.0	74200.0	74290.0	74300.0	74370.0	74400.0	74410.0	74450.0	74500.0	74530.0	74580.0	74600.0	74620.0	74660.0	74700.0	74900.0



## SUBSTRUCTURE



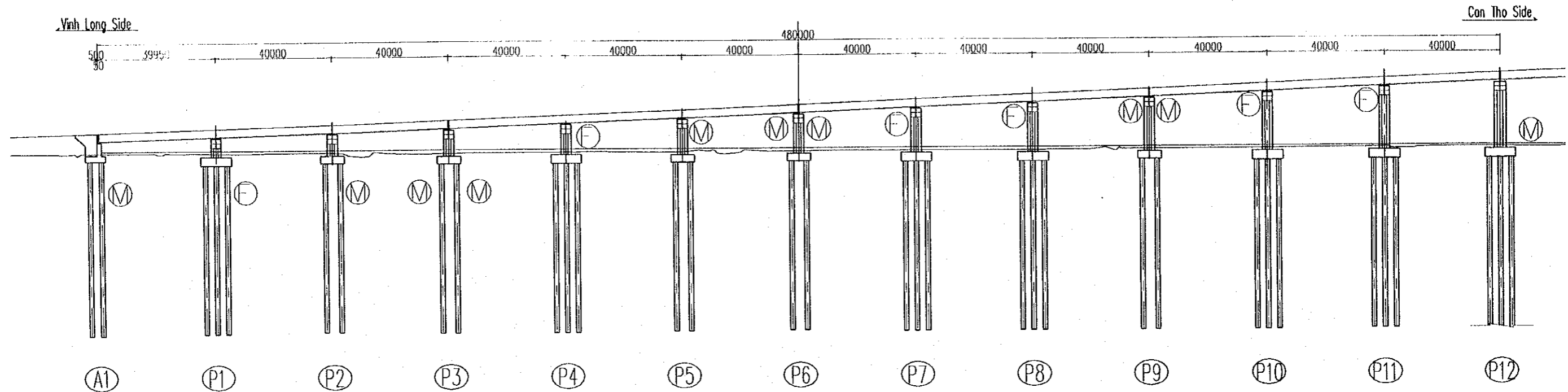
<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT
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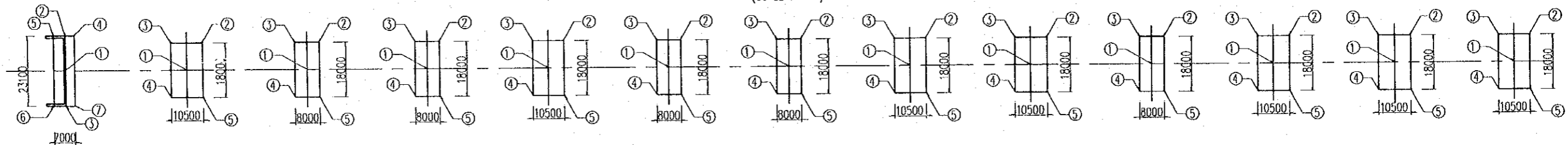
# SIDE ELEVATION

(SCALE 1:1400)



## PLAN

(SCALE 1:1400)



## COORDINATES TABLE

	A1		P1		P2		P3		P4		P5		P6		P7		P8	
	N	E	N	E	N	E	N	E	N	E	N	E	N	E	N	E	N	E
1	1110529.068	589844.755	1110503.777	589813.764	1110478.487	589782.774	1110453.197	589751.784	1110427.906	589720.794	1110402.616	589689.803	1110377.325	589658.813	1110352.035	589627.823	1110326.745	589596.833
2	1110520.119	589852.057	1110493.485	589815.387	1110468.985	589785.365	1110443.695	589754.375	1110417.614	589722.417	1110393.114	589692.395	1110367.824	589661.405	1110341.743	589629.446	1110316.452	589598.456
3	1110538.016	589837.452	1110500.124	589823.522	1110474.043	589791.564	1110448.753	589760.573	1110424.253	589730.551	1110398.172	589698.593	1110372.882	589667.603	1110348.382	589637.581	1110323.091	589606.591
4	1110518.223	589849.733	1110514.070	589812.141	1110487.989	589780.183	1110462.698	589749.193	1110438.198	589719.171	1110412.118	589687.212	1110386.827	589656.222	1110362.327	589626.200	1110337.037	589595.210
5	1110522.649	589855.156	1110507.431	589804.007	1110482.931	589773.985	1110457.640	589742.995	1110431.560	589711.036	1110407.050	589681.014	1110381.769	589650.024	1110355.688	589618.065	1110330.398	589587.075
6	1110540.545	589840.551																
7	1110536.120	589835.128																

	P9		P10		P11		P12	
	N	E	N	E	N	E	N	E
1	1110301.454	589565.843	1110276.164	589534.852	1110250.873	589503.862	1110225.583	589472.872
2	1110291.952	589568.434	1110265.871	589536.475	1110240.581	589505.485	1110215.291	589474.495
3	1110297.010	589574.632	1110272.510	589544.610	1110247.220	589513.620	1110221.929	589482.630
4	1110310.956	589563.251	1110286.456	589533.229	1110261.165	589502.239	1110235.875	589471.249
5	1110305.898	589557.053	1110279.817	589525.094	1110254.527	589494.104	1110229.236	589463.114

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NK NIPPON KOEI CO.,LTD.	S. Kiguchi	K. Matsumoto	K. Enomoto	APPROACH BRIDGE GENERAL COORDINATE OF BRIDGE(1)	P2/GE/0070
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

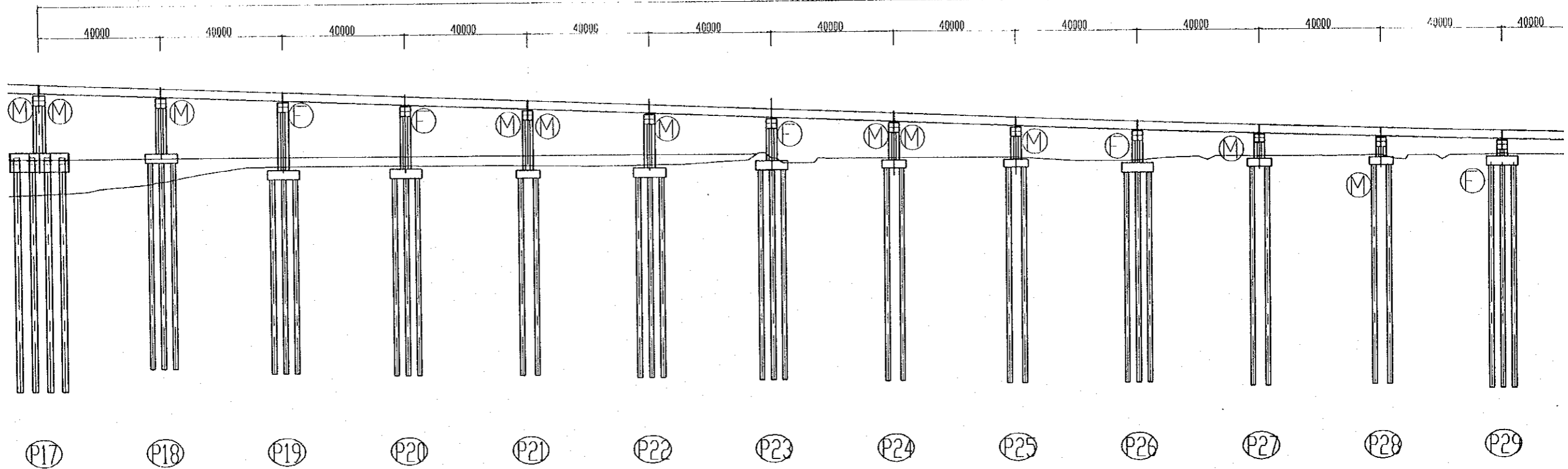
# SIDE ELEVATION

(SCALE 1:1400)

Can Tho Side

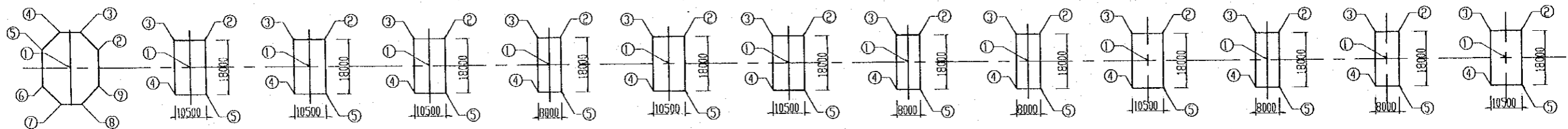
Vinh Long Side

76000



## PLAN

(SCALE 1:1400)



## COORDINATES TABLE

	P17		P18		P19		P20		P21		P22		P23		P24		P25	
	N	E	N	E	N	E	N	E	N	E	N	E	N	E	N	E	N	E
1	1109536.419	588628.388	1109511.128	588597.398	1109485.838	588566.408	1109460.547	588535.417	1109435.257	588504.427	1109409.967	588473.437	1109384.676	588442.447	1109359.386	588411.456	1109334.095	588380.466
2	1109525.764	588624.821	1109500.836	588599.021	1109475.546	588568.030	1109450.255	588537.040	1109425.755	588507.018	1109399.674	588475.060	1109374.384	588444.070	1109349.884	588414.048	1109324.594	588383.057
3	1109524.909	588633.264	1109507.475	588607.156	1109482.184	588576.165	1109456.894	588545.175	1109430.813	588513.217	1109406.313	588483.195	1109381.023	588452.204	1109354.942	588420.246	1109329.652	588389.256
4	1109529.335	588638.687	1109521.420	588595.775	1109496.130	588564.785	1109470.840	588533.794	1109444.759	588501.836	1109420.259	588471.814	1109394.968	588440.824	1109368.888	588408.865	1109343.597	588377.875
5	1109537.777	588639.542	1109514.782	588587.640	1109489.491	588556.650	1109464.201	588525.660	1109439.701	588495.638	1109413.620	588463.679	1109388.330	588432.689	1109363.830	588402.667	1109338.539	588371.677
6	1109547.074	588631.955																
7	1109547.929	588623.513																
8	1109543.503	588618.089																
9	1109535.061	588617.234																

	P26		P27		P28		P29	
	N	E	N	E	N	E	N	E
1	1109388.805	588349.476	1109283.514	588318.486	1109258.224	588287.496	1109232.934	588256.505
2	1109298.513	588351.099	1109274.013	588321.077	1109248.722	588290.087	1109222.641	588258.128
3	1109305.151	588359.234	1109279.071	588327.275	1109253.780	588296.285	1109229.280	588266.263
4	1109319.097	588347.853	1109293.016	588315.894	1109267.726	588284.904	1109243.226	588254.882
5	1109312.458	588339.718	1109287.958	588309.696	1109262.668	588278.706	1109236.587	588246.747

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NKK) NIPPON KOEI CO., LTD.	S. Kiguchi	K. Matsumoto	K. Enomoto	APPROACH BRIDGE GENERAL COORDINATE OF BRIDGE(2)	P2/GE/0080
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

# SIDE ELEVATION

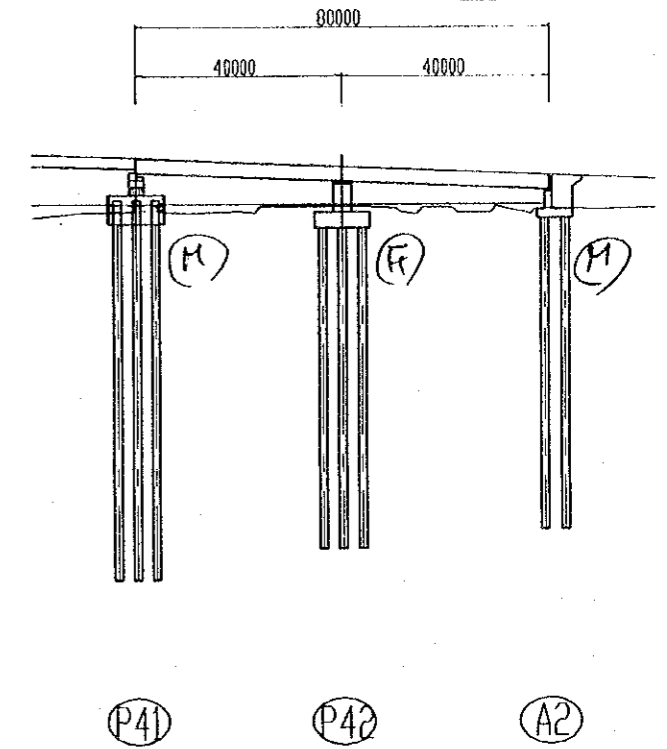
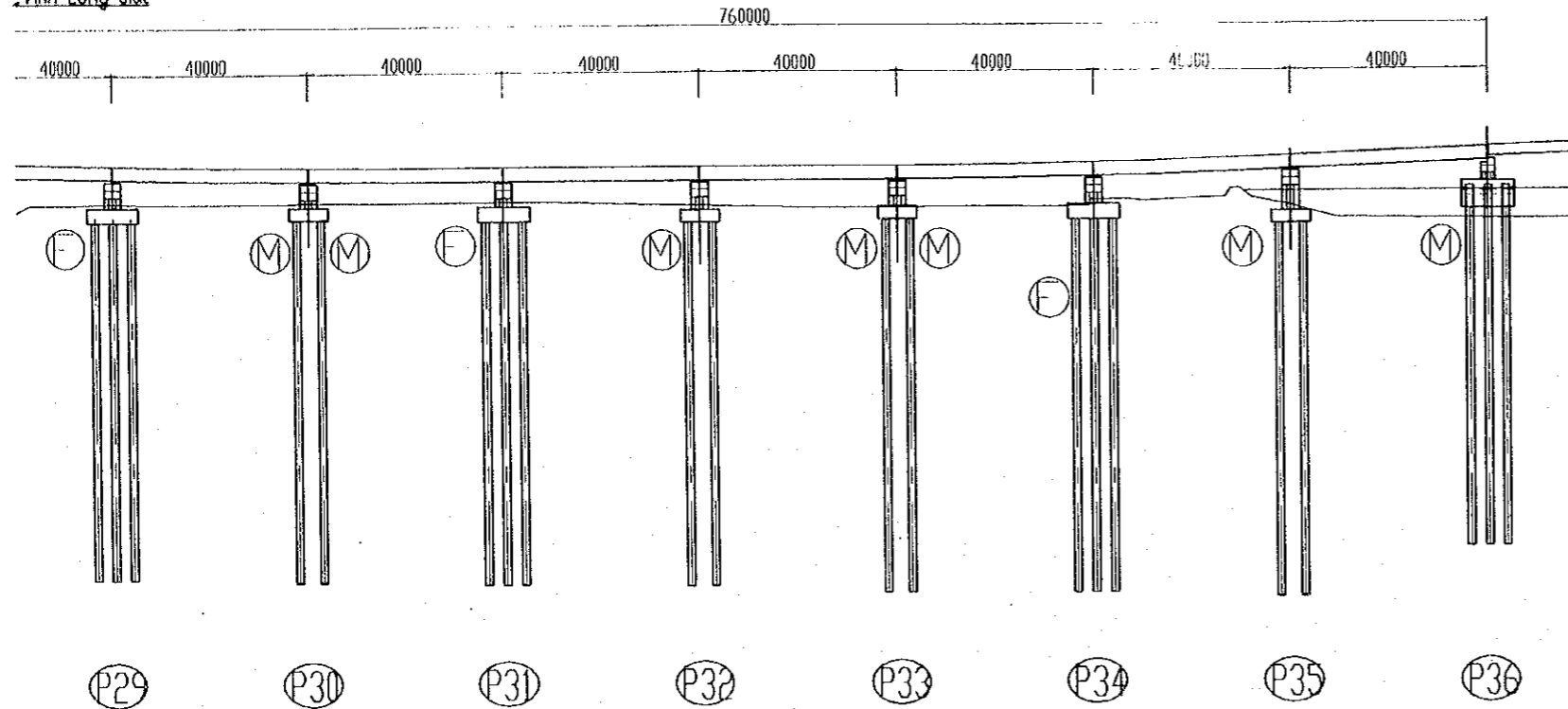
(SCALE 1:1400)

## P29-P36

## P41-A2

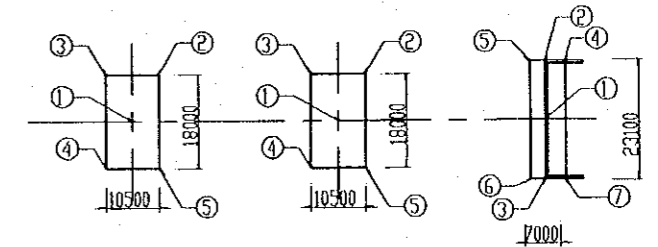
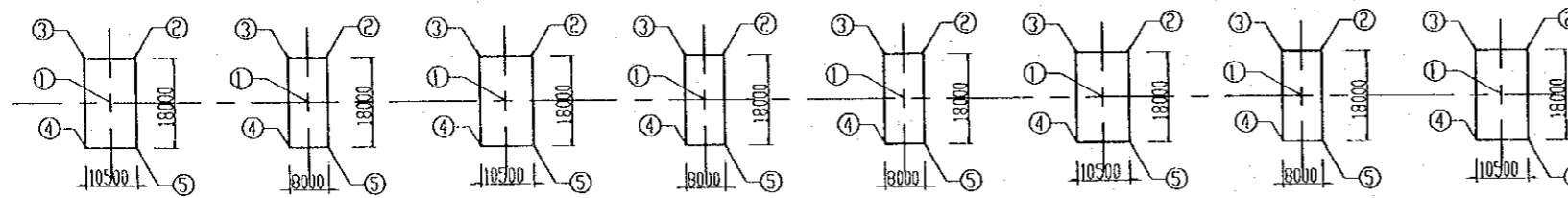
Vinh Long Side

Can Tho side



# PLAN

(SCALE 1:1400)



# COORDINATES TABLE

	P29		P30		P31		P32	
	N	E	N	E	N	E	N	E
1	1109232.934	588256.505	1109207.643	588225.515	1109182.353	588194.525	1109157.062	588163.535
2	1109222.641	588258.128	1109198.141	588228.106	1109172.061	588196.148	1109147.561	588166.126
3	1109229.280	588266.263	1109203.199	588234.304	1109178.699	588204.283	1109152.619	588172.324
4	1109243.226	588254.882	1109217.145	588222.924	1109192.645	588192.902	1109166.564	588160.943
5	1109236.587	588246.747	1109212.087	588216.726	1109186.006	588184.767	1109161.506	588154.745

	P33		P34		P35		P36	
	N	E	N	E	N	E	N	E
1	1109131.772	588132.544	1109106.481	588101.554	1109081.191	588070.564	1109055.901	588039.574
2	1109122.270	588135.136	1109096.189	588103.177	1109071.689	588073.155	1109045.608	588041.197
3	1109127.328	588141.334	1109102.828	588111.312	1109076.747	588079.353	1109052.247	588049.331
4	1109141.274	588129.953	1109116.774	588099.931	1109090.693	588067.973	1109066.193	588037.951
5	1109136.216	588123.755	1109110.135	588091.796	1109085.635	588061.774	1109059.554	588029.816

	P41		P42		A2	
	N	E	N	E	N	E
1	1108840.932	587776.157	1108815.642	587745.166	1108798.351	587714.176
2	1108830.640	587777.780	1108805.349	587746.789	1108781.403	587721.479
3	1108837.279	587785.915	1108811.988	587754.924	1108799.300	587706.874
4	1108851.224	587774.534	1108825.934	587743.544	1108778.874	587718.380
5	1108844.585	587766.399	1108819.295	587735.409	1108783.300	587723.803
6					1108801.196	587709.198
7					1108796.771	587703.775

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	S. Kiguchi	K. Matsumoto	K. Enomoto	APPROACH BRIDGE GENERAL COORDINATE OF BRIDGE(3)	P2/GE/0090
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		