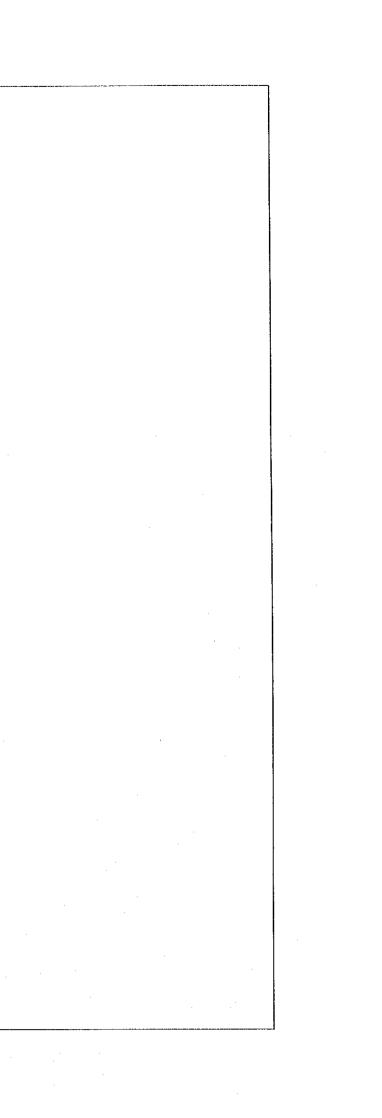
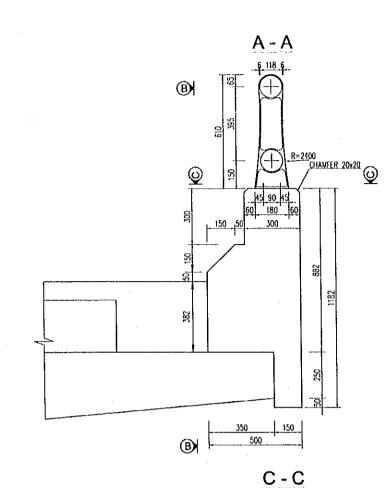
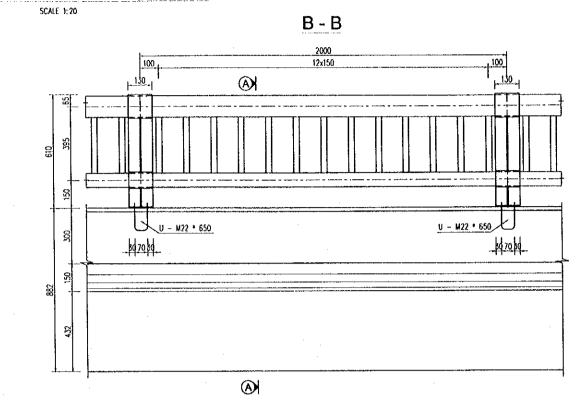
V. MISCELLANEOUS











QUANTITY OF RAILING (PER 10M LONG)

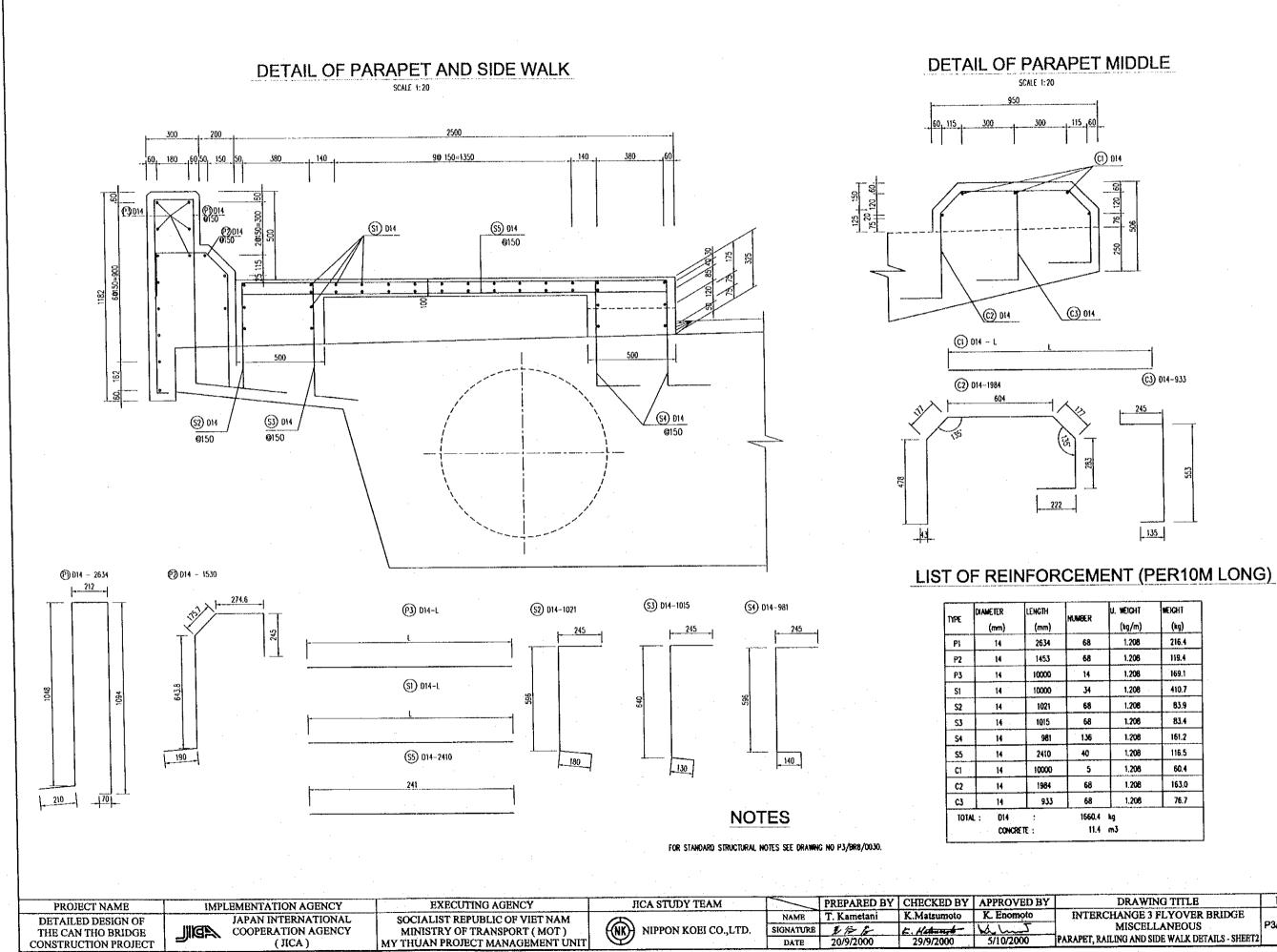
ITEM	SIZE	MATERIAL	UNIT WEIGHT	QUANTITY	UNIT	WEIGHT(KG)	REMART
POST	610*180*130	FCD-450	18.1	5	EACH	90.5	GALVANIZING
UPPER RAIL	114.3*3.51	STK-400	19.5	10	M	195.0	
BOTTOM RAIL	76.3°2.51	STK-400	5.77	10	N	57.7	
CONNECTION	490+300	STK-400	2.13	1.67	EACH	3.6	
	67.5*300	STK-400	1.4	1.67	EACH	2.3	
ANCHO BOLT	M22. 650	SS-400	2.9	20	EACH	58.0	
VERTICAL MEMBER	F86*32*300	SS-400	2.09	65	EACH	135.9	

 FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.
 UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANNISED FOLLOWED BY SPECIFICATION PAINT PROTECTION SYSTEM.

			•		. ·			
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	· .
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	<u>A</u>	NAME	T. Kametani	K.Matsumoto	K. Enomoto	INI
THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	NIPPON KOEI CO., LTD.	SIGNATURE		E. Hatangh	Kum	
CONSTRUCTION PROJECT	(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	PARAPE
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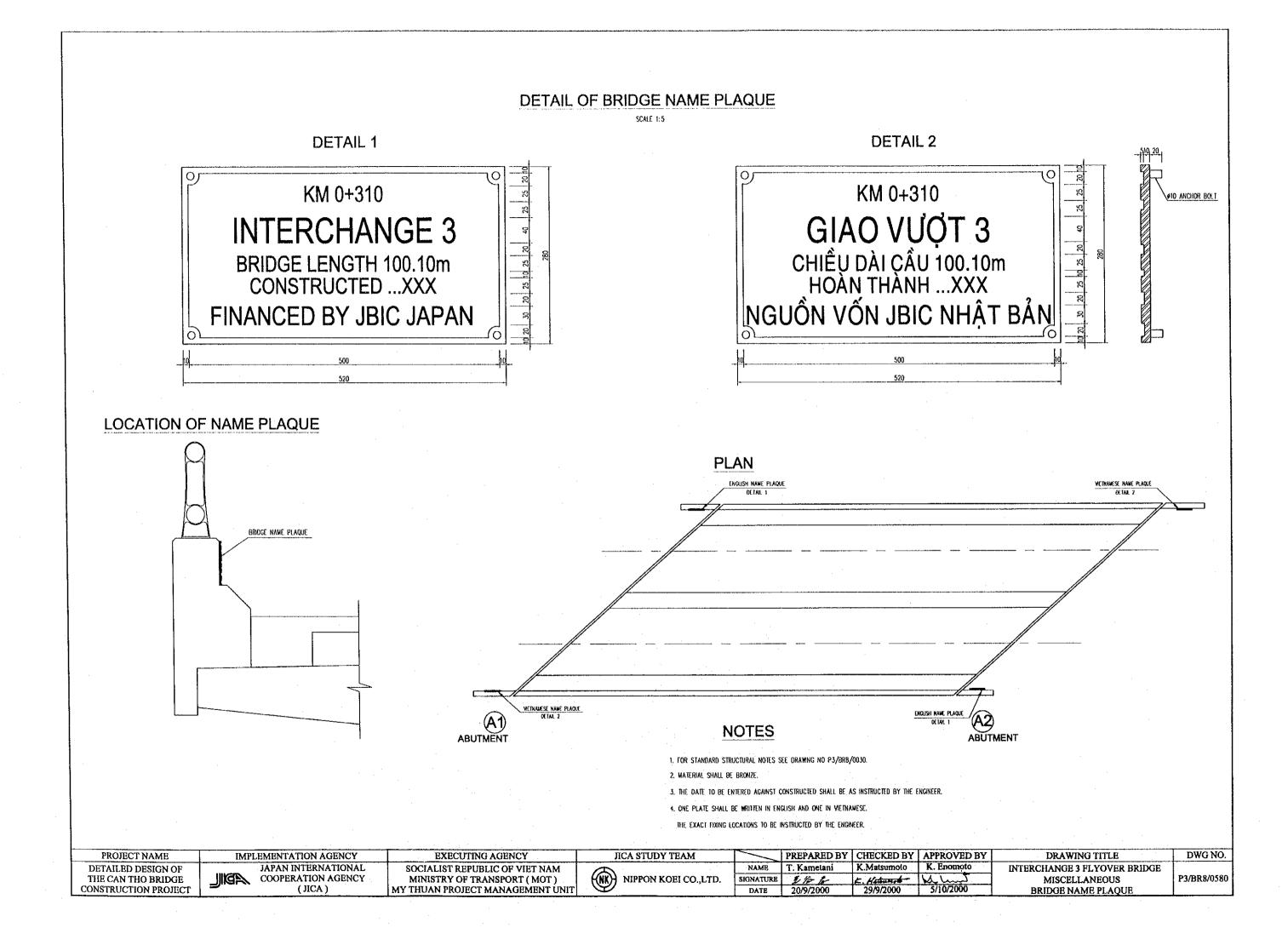
NOTES:

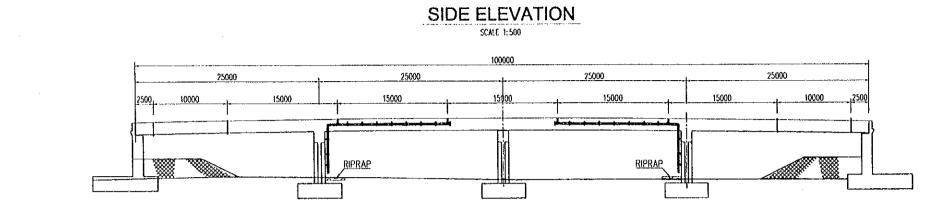
DRAWING TITLE	DWG NO.
NTERCHANGE 3 FLYOVER BRIDGE MISCELLANEOUS PET, RAILING AND SIDE WALK DETAILS - SHEETI	P3/BR8/0560



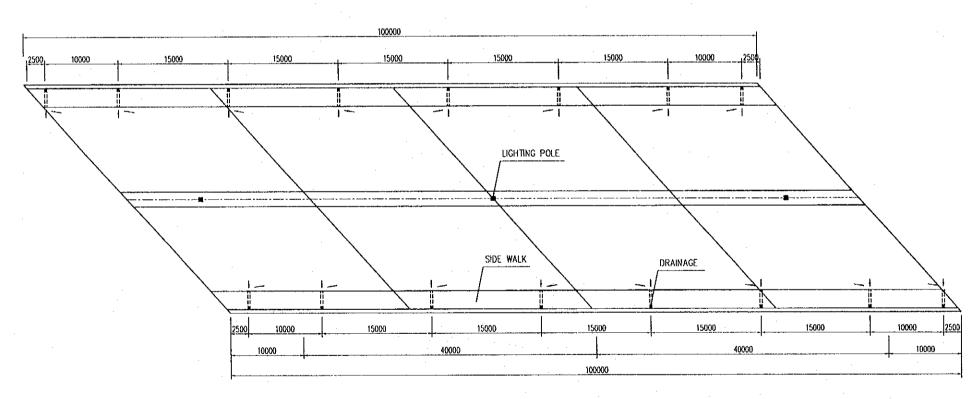
VUMBE R	u. Weight	WEIGHT				
	(tg/m)	(kg)				
68	1.208	216.4				
68	1.208	119.4				
14	1.208	169.1				
34	1.208	410.7				
68	1.208	83.9				
68	1.208	83.4				
136	1.208	161.2				
40	1.208	116.5				
5	1.208	60.4				
68	1.208	163.0				
68	1.208	76.7				
1660.4	1660.4 kg					
11.4	11.4 m3					

DRAWING TITLE	DWG NO.
INTERCHANGE 3 FLYOVER BRIDGE MISCELLANEOUS RAPET, RAILING AND SIDE WALK DETAILS - SHEET2	P3/BR8/0570





PLAN SCALE 1: 500

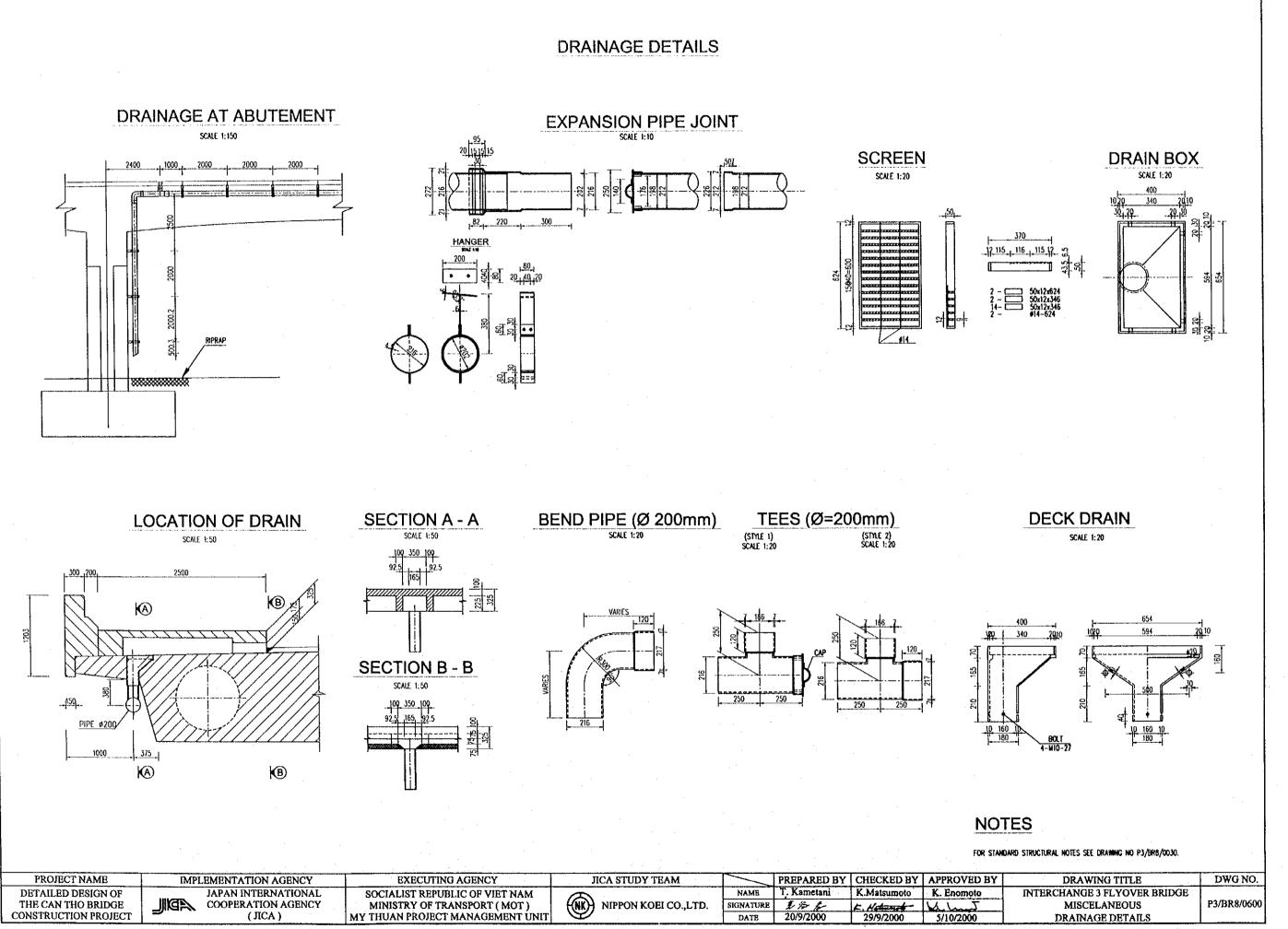


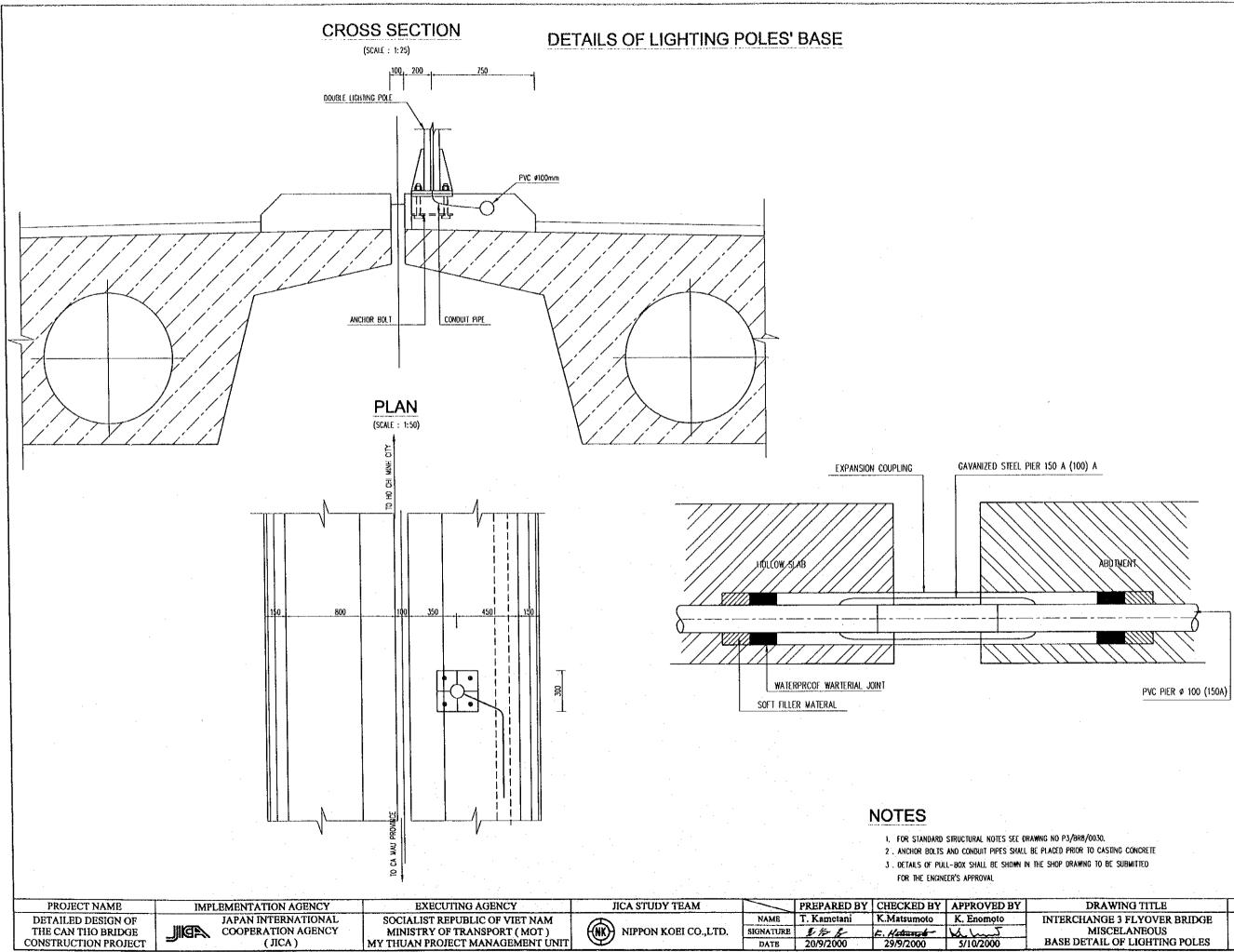
	PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	
	DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A	NAME	T. Kametani	K.Matsumoto	K. Enomoto	IN
- 1	THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	NIPPON KOEI CO.,LTD.	SIGNATURE	21018	E. Maturit	Jahm !!	
	CONSTRUCTION PROJECT	(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	DRA
								•	

DRAWING TITLE	DWG NO.
INTERCHANGE 3 FLYOVER BRIIDGE	Dirono,
MISCELANEOUS	P3/BR8/0590
AINAGE AND LIGHTING POLE LAYOUT	

NOTES







WING NO P3/BR8/0030.	
BE PLACED PRIOR TO CASTING CONCRETE	
THE SHOP DRAWING TO BE SUBMITTED	
DRAWING TITLE	DWG NO.
DRAWING TITLE INTERCHANGE 3 FLYOVER BRIDGE	DWG NO.
	DWG NO. P3/BR8/0610



QUANTITY TABLE OF MISCELLLANEOUS WORKS

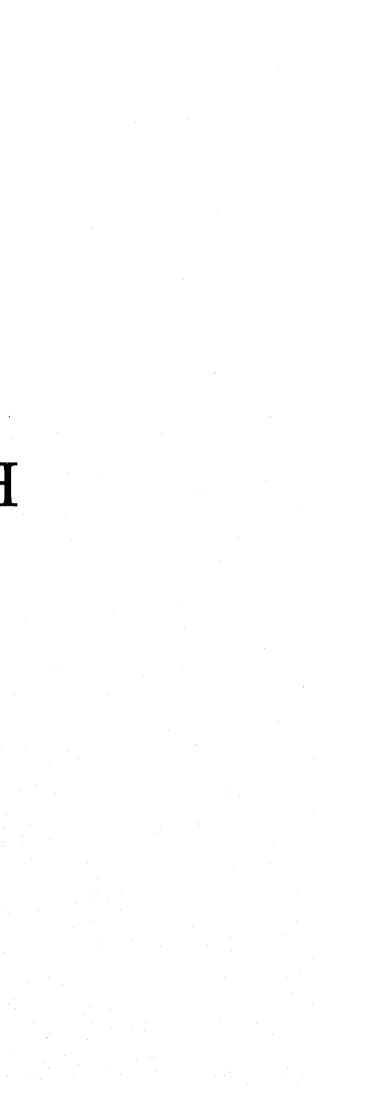
	CONCRETE CLASS E		m3	224
	REINFORCEMENT	D14	kg	33241
B- RAILING			m	236
c- lighting				
	LICHTING POLES		poles	3
	PVC PILE #100mm		m	100
d- drainage		· · ·	· · · · · · · · · · · · · · · · · · ·	
<u> </u>	DRAINAGE	. ·	set	16
	PVC PILE #200mm		m	- 88

		(a) A set of the se	and the second			1. J. C. M.			and the first state of the second state of the		
PROJECT NAME	IMF	LEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM			PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF		JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A		NAME	T. Kametani	K.Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE	
THE CAN THO BRIDGE		COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NIPPON KOEI CO.).,LTD.	SIGNATURE	1/2/2	E. Hetingt	Value J	MISCELLANEOUS	P3/BR8/0620
CONSTRUCTION PROJECT		(ЛСА)	MY THUAN PROJECT MANAGEMENT UNIT			DATE	20/9/2000	29/9/2000	5/10/2000	QUANTITY TABLE OF MISCELLANEOUS WORKS	
	· · · · ·			······································		·					

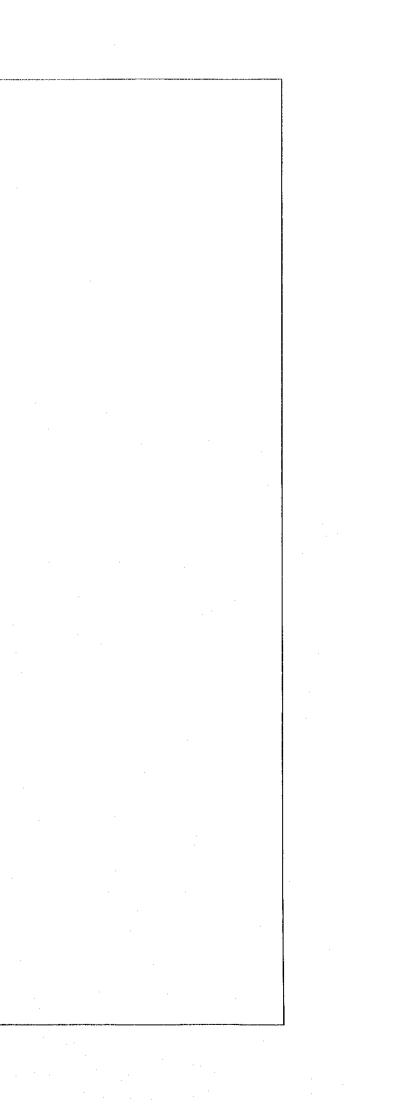
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/DR8/0030.

P3/BR9 INTERCHANGE WITH NH.91B RAMP D



I. GENERAL



DRAWING LIST

No.	CODE	DRAWING NAME
	·····	GENERAL
1	P3/BR9/0010	DRAWING LIST
2	P3/BR9/0020	ABBREVIATIONS AND SYMBOLS
3	P3/BR9/0030	STRUCTURAL NOTES
4	P3/BR9/0040	LOCATION MAP
5	P3/BR9/0050	COORDINATES OF BRIDGE
6	P3/BR9/0060	GENERAL VIEW - SHEET 1
7	P3/BR9/0070	GENERAL VIEW - SHEET 2
8	P3/BR9/0060	QUANTITY TABLE OF BRIDGE
II .		SUPERSTRUCTURE
9	P3/BR9/0090	GIRDER LAYOUT - SHEET 1
10	P3/BR9/0100	GENERAL VIEW OF " " GIRDER L=28.0M (FOR RIGHT SPAN).
11	P3/BR9/0110	GENERAL VIEW OF " I " GIRDER L=28.0M (FOR LEFT SPAN).
12	P3/8R9/0120	GENERAL VIEW OF * (* GIRDER L=37.0M.
13	P3/BR9/0130	TENDONS ARRANGEMENT OF " I " GIRDER L=28.0M (FOR RIGHT SPAN).
14	P3/BR9/0140	TENDONS ARRANGEMENT OF " " GIRDER L=28.0M (FOR LEFT SPAN).
15	P3/BR9/0150	TENDONS ARRANGEMENT OF " I " GIRDER L=37.0M.
16	P3/BR9/0100	TENDONS ARRANGEMENT OF DIAPHRAGMS,
17	P3/BR9/0170	REINFORCEMENT OF "1" GIRDER L=28.0M (FOR RIGHT SPAN)
18	P3/BR9/0180	REINFORCEMENT OF " " GIRDER L=28.0M (FOR LEFT SPAN)
19	P3/BR9/0190	REINFORCEMENT OF "I" GIRDER L=37.0M
20	P3/BR9/0200	REINFORCEMENT OF DIAPHRAGMS
21	P3/BR9/0210	DECK SLAB REINFORCEMENT - SHEET 1
22	P3/BR9/0220	DECK SLAB REINFORCEMENT - SHEET 2
23	P3/BR9/0230	DECK SLAB REINFORCEMENT - SHEET 3
24	P3/BR9/0240	DETAILS OF BEARINGS.
25	P3/8R9/0250	DETAILS OF EXPANSION JOINTS
26	P3/BR9/0200	QUANTITY TABLE OF SUPERSTRUCTURE

No.	CODE	DRAWING
111		ABUTMENTS
27	P3/BR9/0270	GENERAL VIEW OF ABUTMENTS A1 & A2
28	P3/8R9/0280	ABUTMENTS A1 & A2 - RC PILE 0450 - L=40
29	P3/BR9/0290	ABUTMENTS A1 & A2 - RC PILE 0450 - L=40
30	P3/BR9/0300	REINFORCEMENT OF ABUTMENT A1 - SHE
31	P3/BR9/0310	REINFORCEMENT OF ABUTMENT A1 - SHE
32	P3/8R9/0320	REINFORCEMENT OF ABUTMENT A1 - SHE
33	P3/5R9/0330	REINFORCEMENT OF ABUTMENT A2 - SHE
34	P3/BR9/0340	REINFORCEMENT OF ABUTMENT A2 - SHE
35	P3/BR9/0350	REINFORCEMENT OF ABUTMENT A2 - SHE
36	P3/BR9/0300	EARTHWORKS SLOPE PROTECTION - SHE
37	P3/BR9/0370	EARTHWORKS SLOPE PROTECTION - SHE
38	P3/BR9/0380	DETAILS OF APPROACH SLAB - SHEET 1
39	P3/8R9/0390	DETAILS OF APPROACH SLAB - SHEET 2
40	P3/BR9/0400	QUANTITY TABLE OF ABUTMENTS
IV		PIERS
41	P3/BR9/0410	GENERAL VIEW OF PIERS P1& P2
42	P3/BR9/0420	PIERS P1 & P2 - RC PILE 0450 - L=40.0m - 8
43	P3/BR9/0430	PIERS P1 & P2 - RC PILE 0450 - L=40.0m - 8
44	P3/BR9/0440	REINFORCEMENT OF PIERS P1 & P2 - SHE
45	P3/BR9/0450	REINFORCEMENT OF PIERS P1 & P2 - SHE
46	P3/BR9/0460	PIER PROTECTION
47	P3/BR9/0470	QUANTITY TABLE OF PIERS
V		MISCELLANEOUS
48	P3/BR9/0480	DETAILS OF PARAPET AND RAILINGS
49	P3/BR9/0490	BRIDGE NAME PLAQUE
50	P3/BR9/0500	DRAINAGE AND LIGHTING POLES LAYOUT
51 ·	P3/BR9/0510	DETAILS OF DRAINAGE ON BRIDGE
52	P3/BR9/0520	DETAILS OF LIGHTING POLE BASES
53	P3/BR9/0530	QUANTITY TABLE OF MISCELLANEOUS WO

			and the second		and the second	and the second	and the second
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A	NAME	T. Kametani	K.Matsumoto	K. Enomoto
THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	((NK)) NIPPON KOEI CO., LTD.	SIGNATURE	213 18	E. Hatendo	Kalunt
CONSTRUCTION PROJECT	(ЛСА)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000

BY DRAWING TITLE RAMPWAY "D" BRIDGE- INTERCHANGE 3	DWG NO.
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VORKS	
n	
IEET 2	
SHEET 2	
SHEET 1	
EET 2	
EET 1	
EET 3	
EET 2	
EET 1	
EET 3	
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EET 1	
lû.ûm - SHEET 2	
10.0m - SHEET 1	
IG NAME	
IO NAME	

ABBREVIATIONS AND SYMBOLS

NAME	IMPLEMENTATION	AGENCY EXECUTING	AGENCY	JICA STUDY TEAM	FREPARED BY	CHECKED BY	APPROVED BY
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							· · ·
	,						
			•				
	1.C	INTERCHANGE			, X		EASTING COORDINATE IN
	i	GRADIENT			w w		WOTH
	HWY	HIGHWAY			· v		design speed in KPH
	D.F.W.L	DATUM FLOODED WATER LEVEL			Ta		TANGENT LENGTH OF SPI
	H	HEIGHT			T.L.		TANGENT LENGTH OF CIR
	GIR	GROER			t.s		TANCENT TO SPIRAL
	GR	GUARD RAIL			5m T		THICKNESS
	G.F	GUARD FENCE			SM		STONE MASONRY
	ftof	FACE TO FACE			STA		STATION
	FIX FR	FIXED FRONTAGE ROAD			S.T		SPIRAL CURVE TO TANGE
	FG	FINISHED GRADE			SQ.		SQUARE METER
	F				5.P. SQ		SQUARE
	EXP	EXPANSION			S.P S.P.		Steel Pipe Pile
	EXC	EXCAVATION			S.C		SPIRAL CURVÉ TO CIRCU SLOPE PROTECTION
	EQ	EQUAL			RW		RETAINING WALL
	EL	ELEVATION			R.O.		RIGHT OF WAY
	E.V	NIDDLE ORDINATE VERTICAL CURVE		·	R.C		REINFORCED CONCRETE
	E.P	END POINT			R		RADIUS OF CIRCULAR CU
	DW	NORTARED RUBBLE PAVED WATERWAY			PC		PLATE COVER
	OS	DRAINAGE SIDEDITCH			PT		END OF POINT OF SIMPLE
	DO	DRAINAGE OUTLET		· · · · ·	P.I		POINT OF INTERSECTION I
	DL.	DATUM LINE			PH		PLAN HEIGHT
	01	DRAINAGE INLET			P/0		PRE – CAST
	DC	DRAINAGE CATCHBASIN			P.C		PRESTRESSED CONCRETE
	DIA or Ø	DIAMETER			 PE.V		PARAPET WALL
	CU.M	CUBIC METER			PC		Beginning point of simi
	C.S	CIRCULAR CURVE TO SPIRAL CURVE			P		PIPE CULVERT
	CONF	CONTINUOUS			%	F	PERCENT
	CONST	CONSTRUCTION			٥v		over bridge
	CONC	CONCRETE			N.G.	L t	NATURAL GROUND LEVEL
	CM .	CENTIMETER			MON	, i i i i i i i i i i i i i i i i i i i	MOVABLE
	ę	CENTERLINE			พีเท	· • •	MININUM
	CIC	CENTER TO CENTER			MAX	ħ	MAXIMUM
	C	CUT			к ^м		CUBIC METER
	BX	BOX CULVERT			м ²		SQUARE METER
	BR	BRIDGE			м		JE TER
	BOR	BORING			LINJ		INEAR METER
	A > B	A IS LARGER THAN B			LVC		ENGTH OF VERTICAL CUP
	A3F0 &	AND			LS		ENGTH OF SPIRAL CURV
	ASPH	ASPHALT			ĹĊ		ENGTH OF CIRCULAR CU
	APPR	APPROACH			L		EGNTH OF CURVE WITH
	ABUT AC	ASPHALT CONCRETE			KPH		ILOMETER PER HOUR
		ABUTMENT			КМ	U	KILOMETER
	0	ΑŤ			KG	r	(ILOGRAM

PROJECT NAME	IMP	LEMENTATION A	GENCY	EXECUTING AGENCY	JICA STUDY TEAD	A	FREPARED BY			
DETAILED DESIGN OF		JAPAN INTERN	ATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A	NAMB	T. Kametani	K.Matsumoto	K. Enomoto	_R/
THE CAN THO BRIDGE	ADIL	COOPERATION		MINISTRY OF TRANSPORT (MOT)	((NK)) NIPPON KOELC	O.,LTD. SKRIATUR	2 hr h	E. Hatunit	Walnut	
CONSTRUCTION PROJECT	2	(ЛСА)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	1
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SIMPLE CURVE

ETE

ON FOR HORIZONTAL ALIGNMENT IPLE CURVE

CURVE

CULAR CURVE

NGENT

CIRCULAR CURVE SPIRAL

IN METERS

DRAWING TITLE	DWG NO.
RAMPWAY *D* BRIDGE - INTERCHANGE 3 GENERAL ABBREVIATIONS AND SYMBOLS	P3/BR9/0020

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 'AJ' SIZE.

1.3. ALL CHAINAGES, COORDIANATES, 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 - PEDESTRIAN LOAD : 3.6 kN/M2 - AASHTO LRFD 1998 - BASIC WIND VELOCITY : 160 KM/H - AASHTO LRFD 1998 - LATERAL SEISMIC RESPONSE COEFFICIENT : 0.12

- LAILING SLIMIC RESI CHOL COLLINGING	
- VESSEL IMPACT	: VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
TEMPERATURE RANGE	: 17.7℃ TO 36.7℃
Uniform Temperature	: ±10°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 I'C:

CONCRETE CLASS	STRENGTH fc MPa	KIND OF STRUCTURE IN USE					
В	40	PC BOX GRDER, I-GIRDER					
C	35	HOLLOW SLAB					
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.

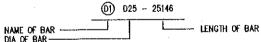
3.3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 20x20mm UNLESS OTHERWISE NOTED.

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 fx(min) 250 MPg and high yield deformed bars with yield strength not less than fx(min) 390 MPg shall be used.

4.3. REINFORCEMENT IS NOTED ON THE DRAWINGS AS FOLLOWS:



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:
- 4.7, UNLESS OTHERWISE INDECATED ON THE DRAWINGS, THE MINIMUM COVER TO ANY REINFORCEMENT SHALL BE AS FOLLOWS:

75 mm Bored Pile, retaining wall & Abutment 50 mm Pile CAP, deck slab, pier & Abutment, parapet, kerb, approach slab, etc... tolerance on cover 1s +/-54M

5. PRESTRESSING

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

UTILIZATION	NOMINAL DIAMETER (mm)	TENSILE Strength (MPg)	YIELD STRENGTH (MPa)	JACKING FORCE (kN)
INTERNAL CABLE	12512.7	1860	1675	1650
TRANSVERSE CABLE	3 \$12.7	1860	1675	415

- 5.2. PRESTRESSED TENDONS SHALL BE FORMED FROM THE STRANDS OF 12.7mm DIAMETER MADE BY 7 LOW RELAXATION WRES 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 OTHERWSE NOTED AND SHALL BE RIGDLY SUPPORTED AT NOT WORE 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 DEVIATORS.
- 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

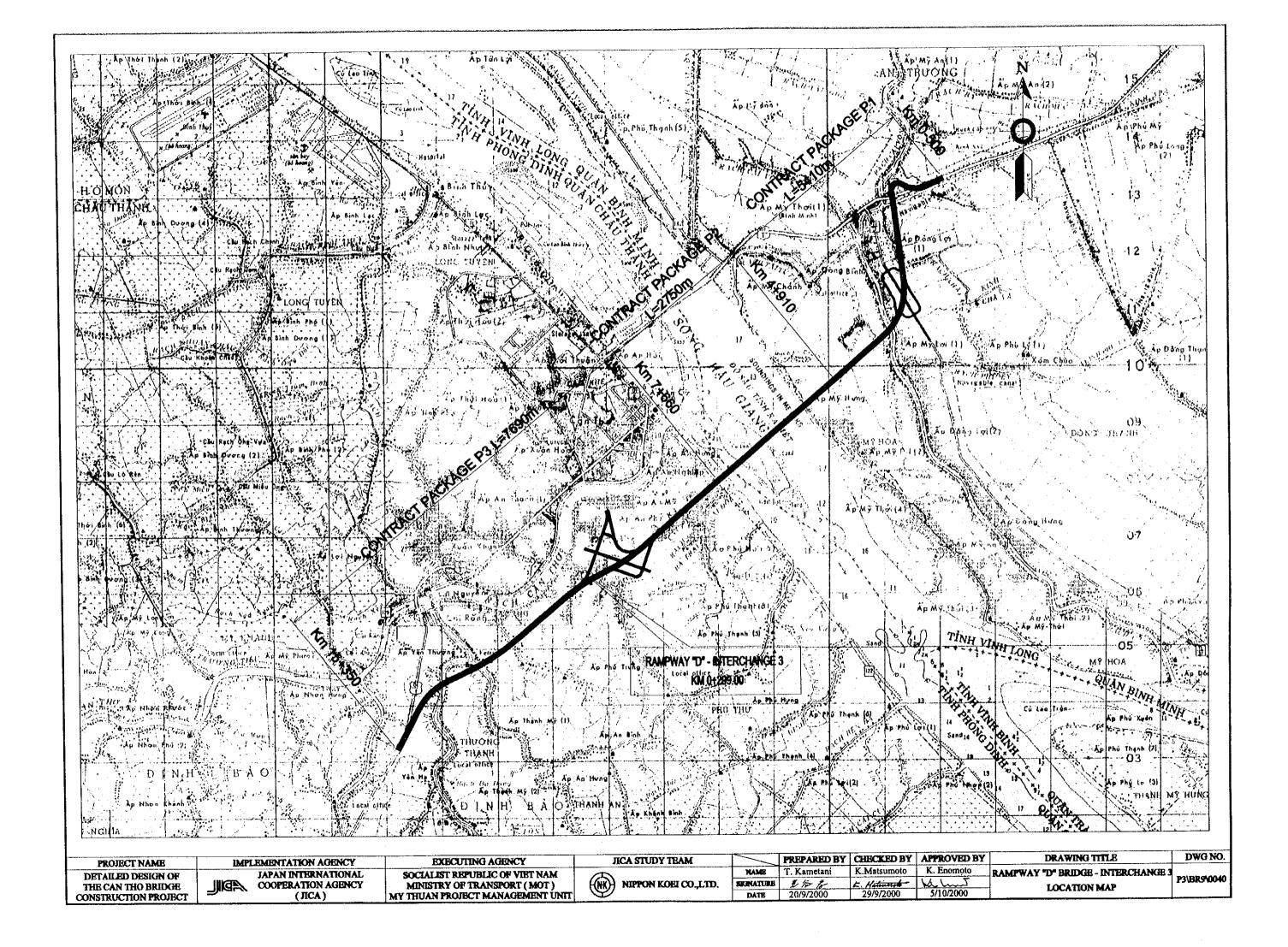
- 7.1. SUPERSTRUCTURE IS DESIGNED ON THE BASIS OF CONSTRUCTION SEQUENCE DETAILED ON THE DRAWINGS. ANY CHANGES TO THE CONSTRUCTION SEQUENCE WILL REQUIRE A RE-DESIGN OF THE BRIDGE.
- 7.2. THE SUPERSTRUCTURE DESIGN IS BASED ON THE USE OF INTERNAL PRESTRESSING WITH THE FOLLOWING PARAMETERS:

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

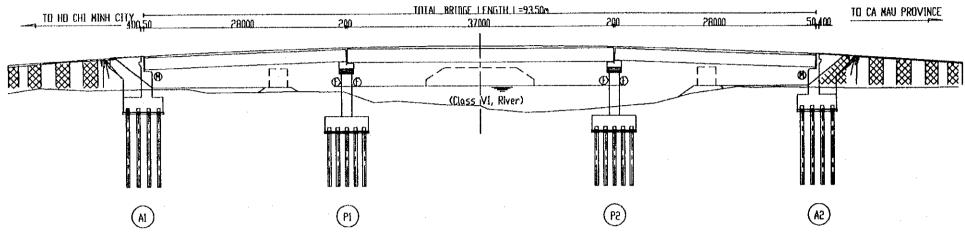
7.3. ANCHOR BAR SHALL BE CONFORMING TO THE REQUIREMENTS OF SS400 OF JS G3101.

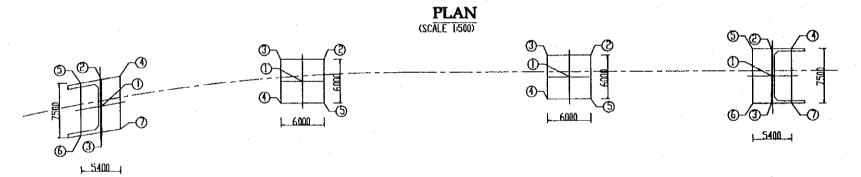
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DD O JE OTAL A CE	D ON THE WALLATION A CENCY	EXECUTING AGENCY	ЛСА STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
PROJECT NAME	IMPLEMENTATION AGENCY		JIEROLODI IMAL		T. Kametani	K.Matsumoto	K. Enomoto	RAMPWAY "D" BRIDGE - INTERCHANGE 3	
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM		NAME		K.Maisuiliolo	K. Litonioto	GENERAL	
THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NIPPON KOEI CO., LTD.	SIGNATURE.	1/2 /2	E. Hatannet	Kalund_		P3/BR9/0030
		MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	STRUCTURAL NOTES	
CONSTRUCTION PROJECT	(JICA)	MI INVANTAUEUI MANAGEMENT UNIT		1. 2410	20,7,2000				4

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



SIDE ELEVATION (SCALE 1/500)





COORDINATES TABLE

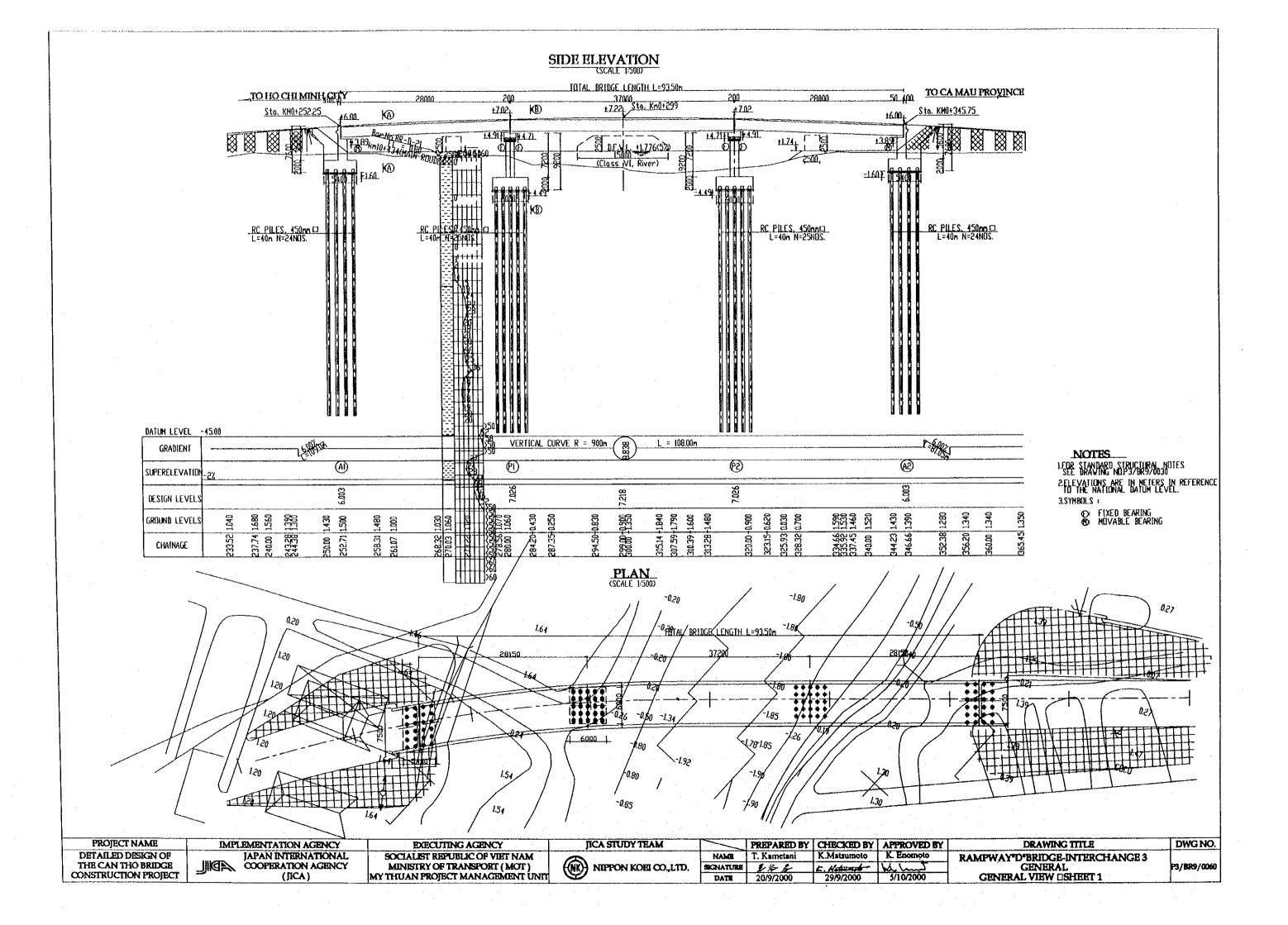
\leq	Al		P1		Pá	2	A2	
PUINT	N	E	N	E	N	E	N	E
. 1	1107244.500	585462.114	1107223.085	600574.207	1107197.511	585416.761	1107178.405	585396.088
5	1107241.810	585464.780	1107218.828	585443.587	1107193.254	585416.576	1107175.637	585398.644
3	1107247.190	585459.448	1107222.901	585447.994	1107197.327	585420.982	1107181.147	585393,555
4	1107239.781	585463.236	1107227.307	585443.921	1107201.733	585416.910	1107173.738	585396.587
5	1107244.079	585466.505	1107223,235	585439,515	1107197.661	585412.503	1107177.403	585400.553
6	1107249.458	585461.174					1107182.911	585395.463
7	1107245.160	585457.905					1107179.246	585391.497

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHIBCKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	<u>A</u>	NAME	T. Kametani	K.Matsumoto	K. Enomoto	RAMPWAY D'BRIDGE-INTERCHANGE 3	
THE CAN THO BRIDGE	JIE COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	((NK)) NIPPON KOBI CO., LTD.	SIGNATURE	1 to be	E. Hatunat -	Khunt	GENERAL	P3/BR9/0030
CONSTRUCTION PROJECT	Э (ЛСА)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	COORDINATES OF BRIDGE	<u></u>

NOTE

1, FOR STANDERD STURYCTURE NOTE SEE DRAWING No.P3/BR9/0030 2. SYNBOLS

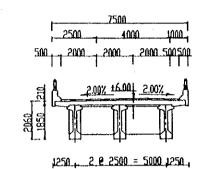
©: FIXED BEARING ©: MOVABLE BEARING



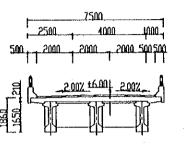
TYPICAL SECTIONS FOR SUPERSTRUCTURE

(SCALE 1:200)

SIDE SPAN



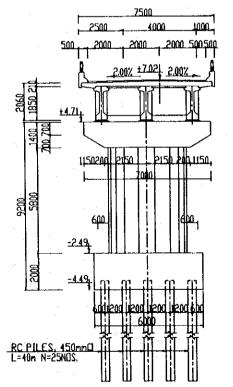
MIDDLE SPAN



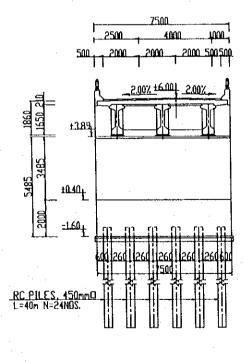
1250 , 2 8 2500 = 5000 1250 ,

CROSS SECTIONS

B-B (PIER P1)







PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	/	PREPARED BY	CHECKED BY		
DETAILED DESKGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	æ	NAME	T. Kametani	K.Matsumoto	K. Enomoto	RAI
THE CAN THO BRIDGE	JINGEN COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NIPPON KORI CO., LTD.	SIGNATURE	275 6	E. Hetand	Ky Lund	
CONSTRUCTION PROJECT	(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	
					and the second			

NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR9/0030

DRAWING TITLE	DWG NO.
MPWAY"D"BRIDGE-INTERCHANGE 3 GENERAL	P3/BR9/0070
GENERAL VIEW-SHEET 2	

QUANTITY TABLE OF RAMPWAY "D" BRIDGE-INTERCHANGE 3

	ITEMS	UNIT	ABUTMENTS	PIERS	SUPER		MISCELLANEOUS	PARAPET AND	- TO
	·····			·	STRUCTURE	DRAINAGE	LIGHTING	RAILING	
	CLASS B	³		 	210.6			· · · · · · · · · · · · · · · · · · ·	210
CONCRETE	CLASS D	3	497.6	470.5	235.9				1204
CONCILLE	CLASS E		316.7	246.8	235.9		0,3	47.5	847
	CLASS G	3	15.2	95.5					110.
	12 S12.7	ton			9.8				9.
PC – STEEL	<u>3 S12.7</u>	ton			0.5				0.
SHEATHING	CABLES Ø 80/85MM	m		·	1051.1				1051
	CABLES Ø 50/55NM	m		ļ	146.9				146
CEMENT GROUT IN SHEAT	ING	m ³			5.7	ļ			5.
ANCHORAGE	CABLES 12S12.7	set			66.0				66
	CABLES 3S12.7	set			52.0				52
	D32	kg	244.8	9668.8		.			1613
	D28	kg		16163.6		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	2107
	D25	kg	8272.4	5880.0	1909.5	·			1606
	D22	kq	51153.2	118862.8	9690.8	ļ			1797
REINFORCEMENT	020	kq	5562.0	1941.2	20671.8	1	62.0	· · · · · ·	2823
	D16	kg	6692.0	9126.8	2153.1		32.6		1830
	D14	kq	1652.9	4195.2	40835.4	ļ		7407.6	5409
	D12	kg			2479.5	1			351.
	D10	kq	167.0	82.8	101.7				1031 303
	D6	kq		104244.0	3035.5		04.5	7407.6	35556
	TOTAL	kg	82871.6	184311.2	80877.3		94.5	13.0	13
EXPANSION JOINT	50MM	m				· · · · ·		6.0	6
BEARING	600x300x57	set						1	12
	500x250x50	set			12.0			12,0	12
ANCHORAGE BAR		set	67.5		12.0			1	67
PVC PILE	Ø 50 MM Ø 100 MM	m	07.0	-			187.0		18
RAILING	V 100 MM	m	-				107.0	205.4	20
LIGHTING POLE		set			· · · · · · · · · · · · · · · · · · ·		3.0		3
	POT	set			-	14.0			14
ORAINAGE	PIPE Ø 180 MM	m			-	24.4			24
	WATER PROOFING 5MM	2		1	607.8	21.1	1		60
PAVEMENT		m	· · · · ·		607.8				60
	ASPHALT CONCRETE 70MM	<u> </u>	400	416.0	007.0				85
PILE Ø 120CM Geotextile	<u></u>	m	<u>440.0</u> 268.0	0.01	· ·				26
		1 5				+			37
STONE MASONRY		m	371.2						12
BLINDING AGGREGATE		<u>m</u>	123.7					1	12
FOOTING OF SLOPE PRO	JILCHUN	m 3 	108.9	704.0			+	·	
RIP RAP	· · · · · · · · · · · · · · · · · · ·	1 3 -		704.6	+			 	70
BLINDING STONE		m	28.2	·	· · · · · · · · · · · · · · · · · · ·				2
WOODEN PILE , L=3M	1	m	8035.0		- 	_ <u>_</u>		+	803
EXCAVATION GROUND		i m	2223.5	1445.1		· · ·			
FILLING GROUND		3	1742.6						174

 PROJECT NAME
 IMPLEMENTATION AGENCY
 EXECUTING AGENCY
 JICA STUDY TEAM
 PREPARED BY
 CHECKED BY
 APPROVED BY

 DETAILED DESIGN OF
 JAPAN INTERNATIONAL
 SOCIALIST REPUBLIC OF VIET NAM
 NAME
 T. Kametani
 K.Matsumoto
 K. Enomoto

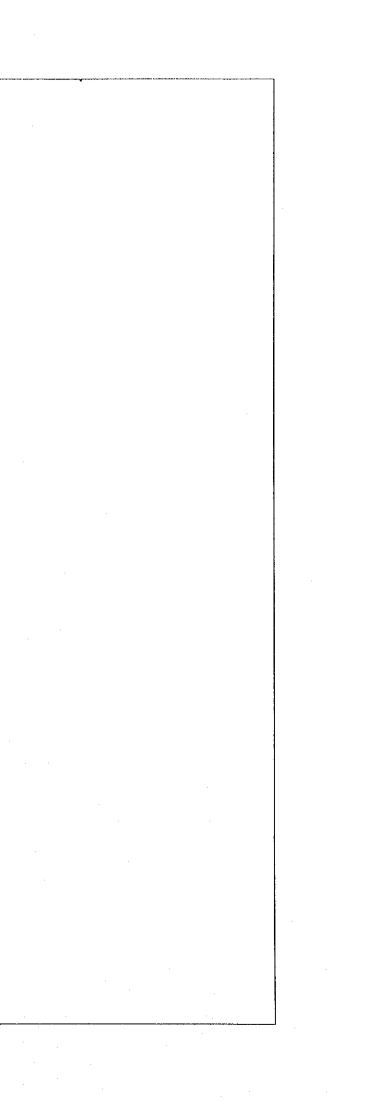
 THE CAN THO BRIDGE
 JICA STUDY TEAM
 NAME
 T. Kametani
 K.Matsumoto
 K. Enomoto

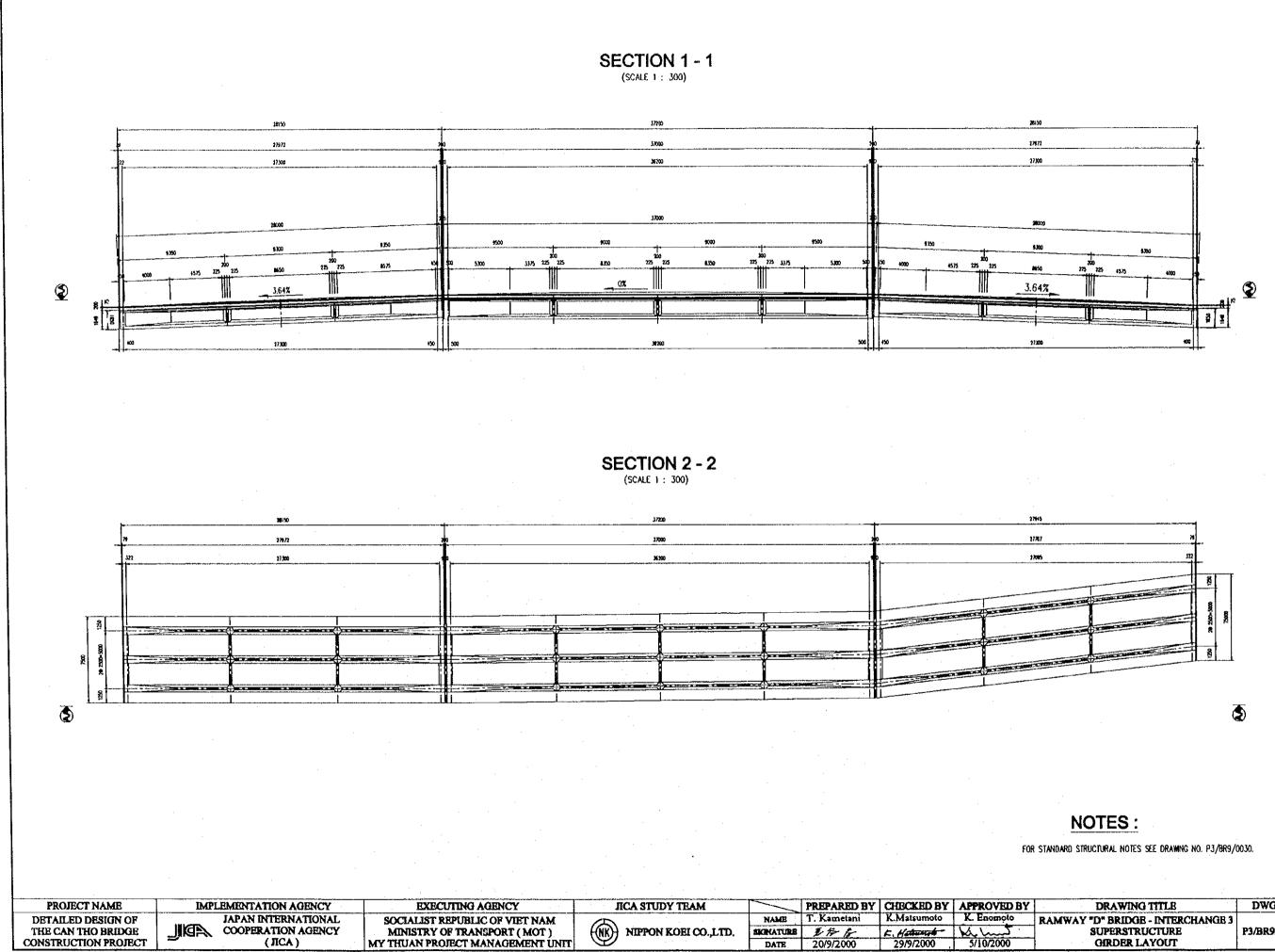
 CONSTRUCTION PROJECT
 (JICA)
 MINISTRY OF TRANSPORT (MOT)
 NIPPON KOEI CO., LTD.
 SIGNATURE
 Image: Construction project
 L. Addungd
 V. L. J.

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR9/0	030.
ND A SUILIO THAT D	DWG NO.
DRAWING TITLE	Dwg uo.
RAMPWAY "D" BRIDGE-INTERCHANGE 3 GENERAL QUANTITY TABLE OF BRIDGE	P3/BR9/0080
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NOTES

II. SUPERSTRUCTURE



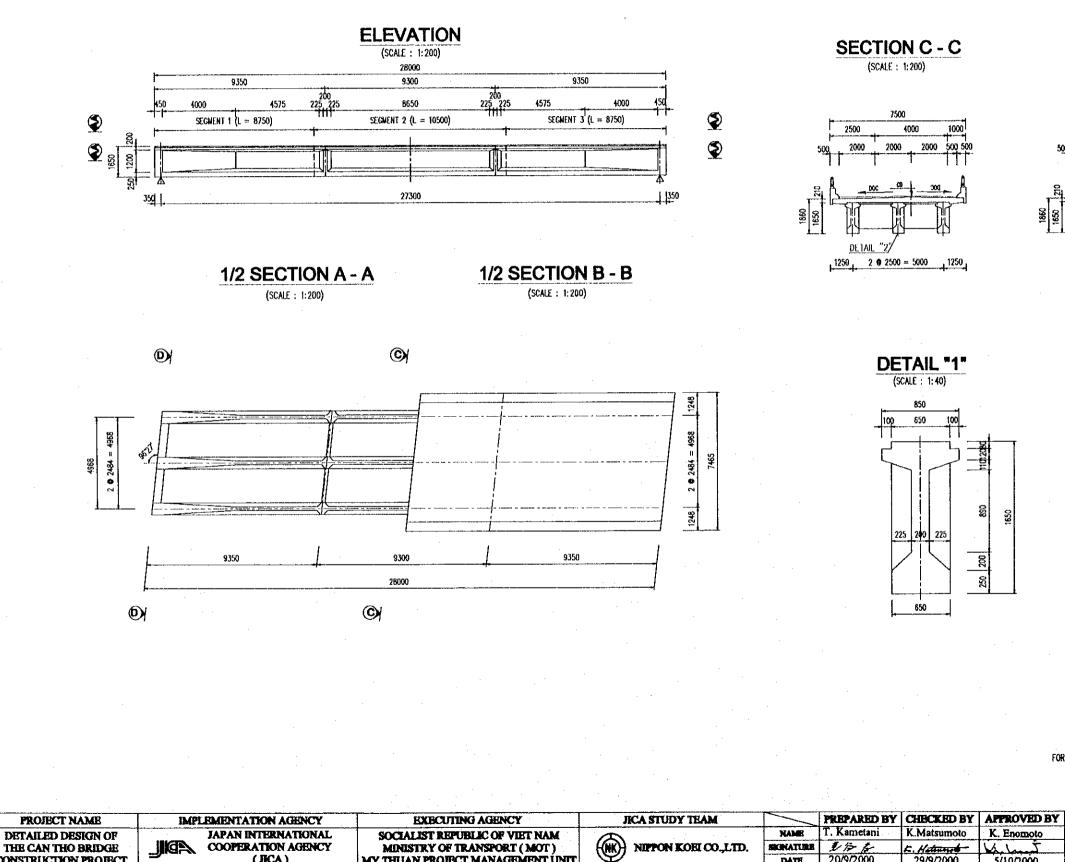


5/10/2000

'	DRAWING TITLE	DWG NO.
	RAMWAY "D" BRIDGE - INTERCHANGE 3 SUPERSTRUCTURE GIRDER LAYOUT	P3/BR9/0090

DETAIL OF SUPERSTRUCTURE FOR RAMPWAY "D" BRIDGE (Ls = 27.3M)

NIPTON KOELCO., LTD.



MINISTRY OF TRANSPORT (MOT)

MY THUAN PROJECT MANAGEMENT UNIT

(JICA)

THE CAN THO BRIDGE

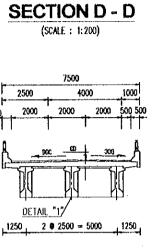
CONSTRUCTION PROJECT

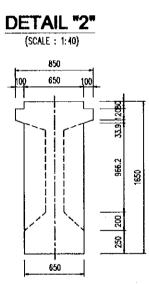
F. Hatanat -29/9/2000

DATE 20/9/2000

Va.V

5/10/2000



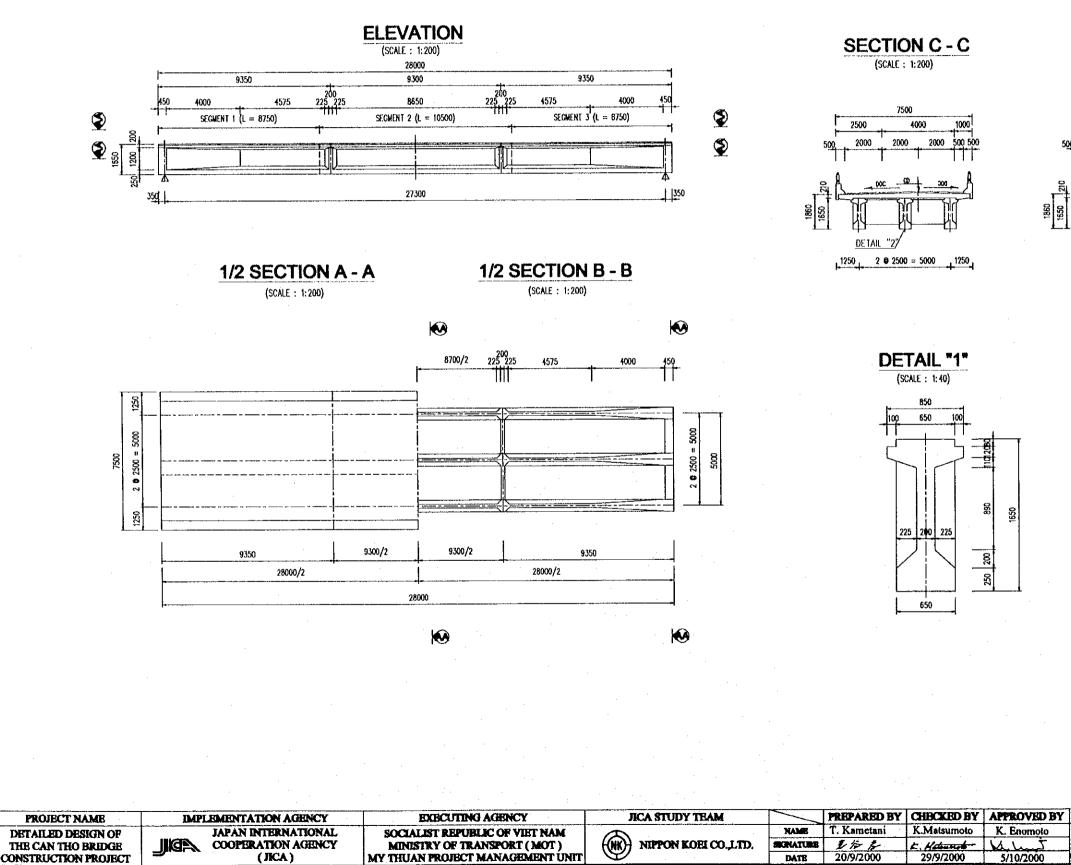


NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030.

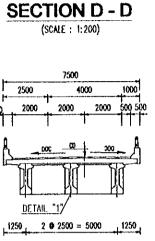
DRAWING TITLE	DWG NO.
AMWAY "D" BRIDGE - INTERCHANGE 3 SUPERSTRUCTURE REBAL VEW OF 'T GIRDER L - 21M(FOR RIGHT SPAN)	P3/BR9/0100

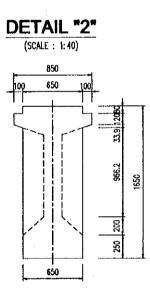
DETAIL OF SUPERSTRUCTURE FOR RAMPWAY 'D" BRIDGE (Ls = 27.3M)



2

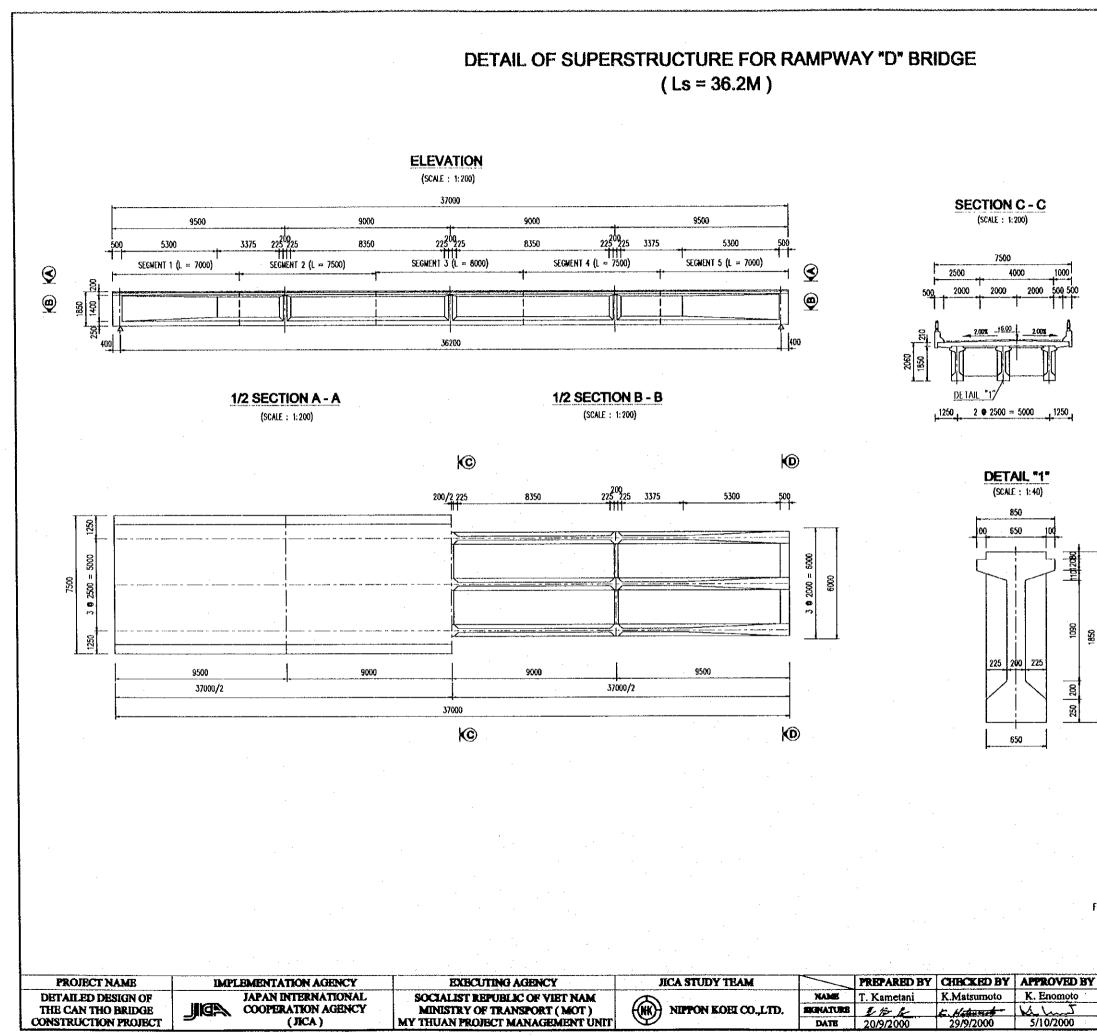
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030.

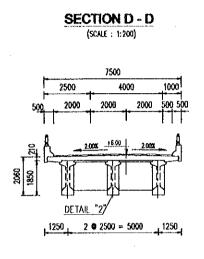


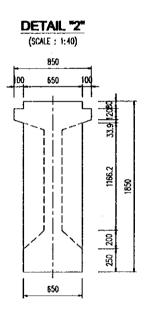


NOTES :

DRAWING TITLB	DWG NO.
AMWAY "D" BRIDGE - INTERCHANGE 3 SUPERSTRUCTURE NERAL VEW OF T GEDER L - 21M(FOR LEFT SPAN)	P3/BR9/0110







NOTES :

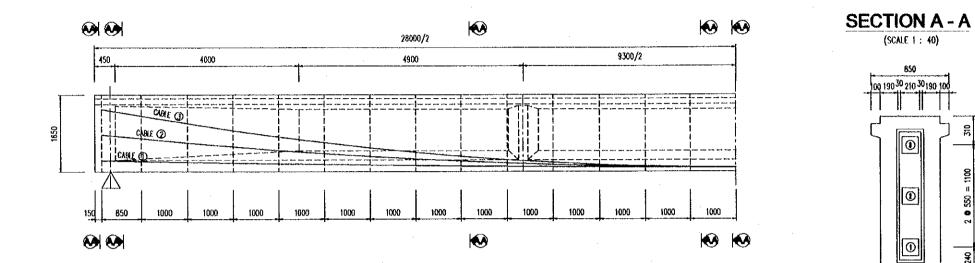
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030.

	DRAWING TITLE	DWG NO.
-	RAMWAY "D" BRIDGE - INTERCHANGE 3 SUPERSTRUCTURE GENERAL VIEW OF "I" GIRDER L = 37M	P3/BR9/0120

PC CABLES ARRANGEMENT OF GIRDER FOR RAMPWAY "D" BRIDGE (Ls = 27.3M)

SECTION D - D

(SCALE : 1:40)

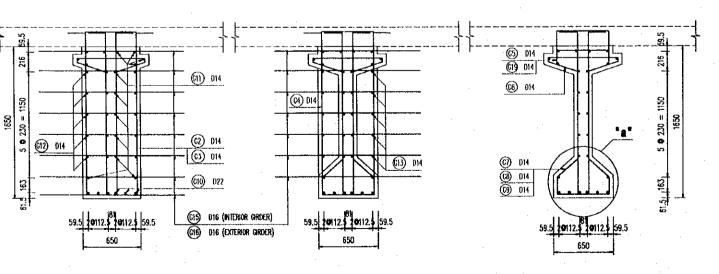


POSITION OF CABLE CENTER FROM BOTTOM OF GIRDER

	Ł		13850	13000	12000	11000	10000	9000	8000	7000	6000	5000	4000	3000	2000	1000
C	ABLE	()	240	223	203	185	169	154	140	129	118	110	103	97	93	91
	AULE	0	790	710	618	534	457	387	325	270	222	182	149	123	105	94
C	ABLE	3	1340	1197	1033	883	745	621	509	411	326	254	195	149	116	97







DETAIL "a" (SCALE 1:20)

(SCALE 1 : 40)

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CABLE NO

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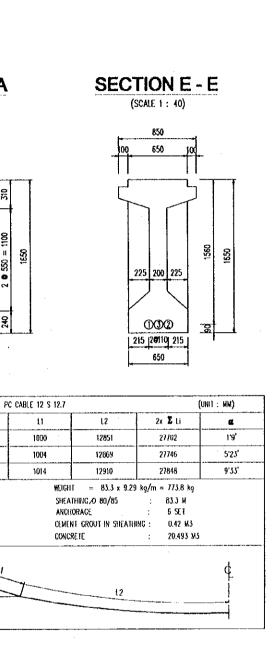
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PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A A	NAME	T. Kametani	K.Matsumoto	K. Enomoto !	RAI
THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NIPPON KOHI CO., LTD.	SKINATURE	215 %	E. Hatenot	Ki hunt	ł
CONSTRUCTION PROJECT	(ЛСА)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	TEND

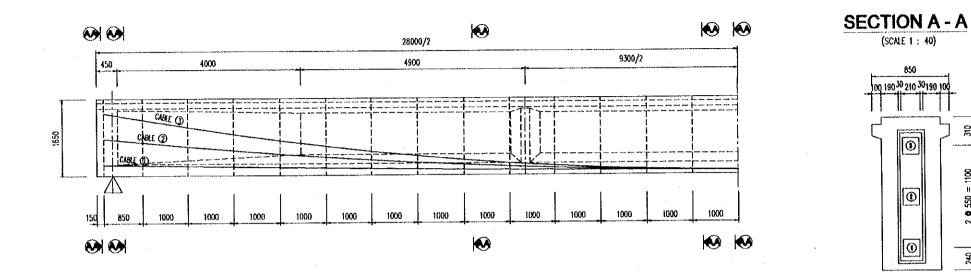


NOTES :

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/DR9/0030.

DRAWING TITLE	DWG NO.
AMWAY "D" BRIDGE - INTERCHANGE 3 SUPERSTRUCTURE DON ABANGEMENT OF "T GEDER L- 284(OR LOBET \$PAN)	P3/BR9/0130

PC CABLES ARRANGEMENT OF GIRDER FOR RAMPWAY "D" BRIDGE (Ls = 27.3M)



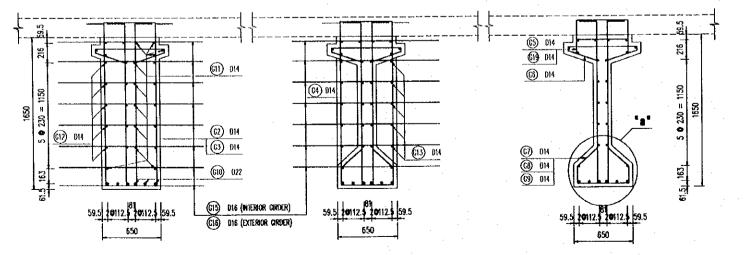
POSITION OF CABLE CENTER FROM BOTTOM OF GIRDER

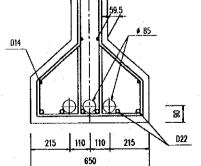
ι ι		13850	13000	12000	11000	10000	9000	8000	7000	6000	5000	4000	3000	2000	1000
CABLE	0	240	223	203	185	169	154	140	129	118	110	103	97	93	91
CABLE	2	790	710	618	534	457	387	325	270	222	182	149	123	105	94
CABLE	3	1340	1197	1033	883	745	621	509	411	326	254	195	149	116	97











DETAIL "a"

(SCALE 1:20)

(SCALE 1 : 40)

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CABLE NO

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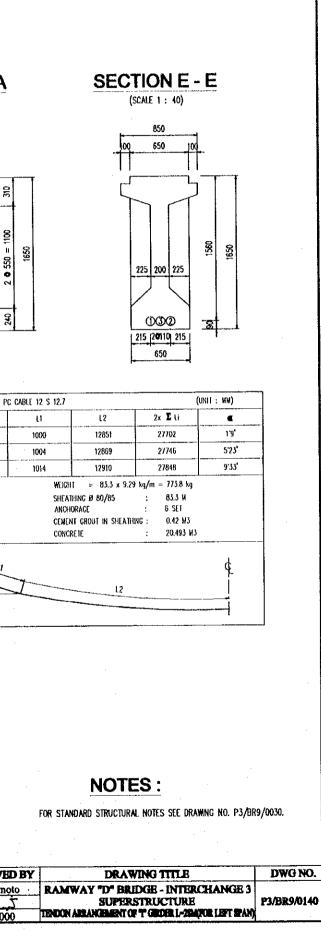
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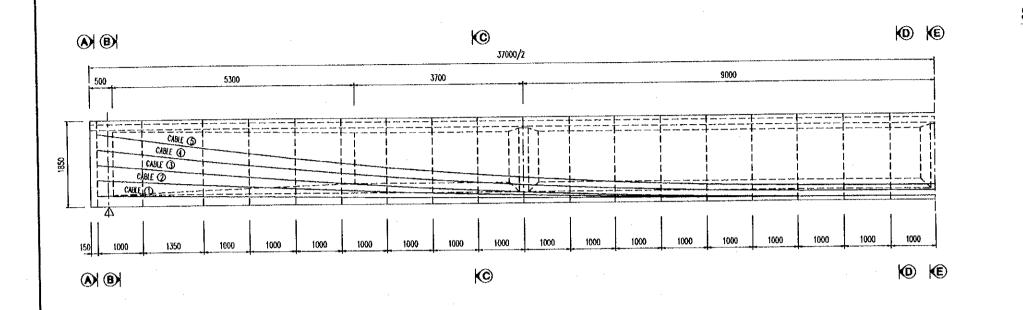
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340

- 1		•							-
	PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	
	DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	<u> </u>	NAME	T. Kametani	K.Matsumoto	K. Enomoto	ľ
	THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NIPPON KOELCO., LTD.	SIGNATURE	2175	E. Hatannato-	Value J	
	CONSTRUCTION PROJECT	(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	ľ
									1



PC CABLES ARRANGEMENT OF GIRDER FOR RAMPWAY "D" BRIDGE (Ls = 36.2M)



.

POSITION OF CABLE CENTER FROM BOTTOM OF GIRDER

	18350	17350	16000	15000	14000	13000	12000	11000	10000	9000	8000	7000	6000	5000	4000	3000	2000	1000
CABLE (1)				185		158	146	136	126	118	110	104	99	95	92	91	90	90
CABLE (1)	570	515	44.3	395	350	308	270	236	205	178	155	135	119	106	97	92	90	90
	900	807	686	604	528	458	394	336	285	239	200	166	139	117	102	93	90	90
CABLE (1)	1230	1112	961		762	673	593	520	455	398	348	306	271	245	225	214	210	210
	14.00		1235	1111	995	889	792	704	626	556	496	446	404	372	349	335	330	330
CABLE (5)	1.300	1410	12.33		555				1	1		<u> </u>		I		L	· · · · ·	

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	PC CABLE 12 S 12.7
CABLE No	L1
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Q	1004
(1)	1007
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(SCALE 1 : 40)

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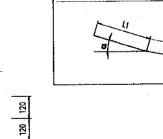
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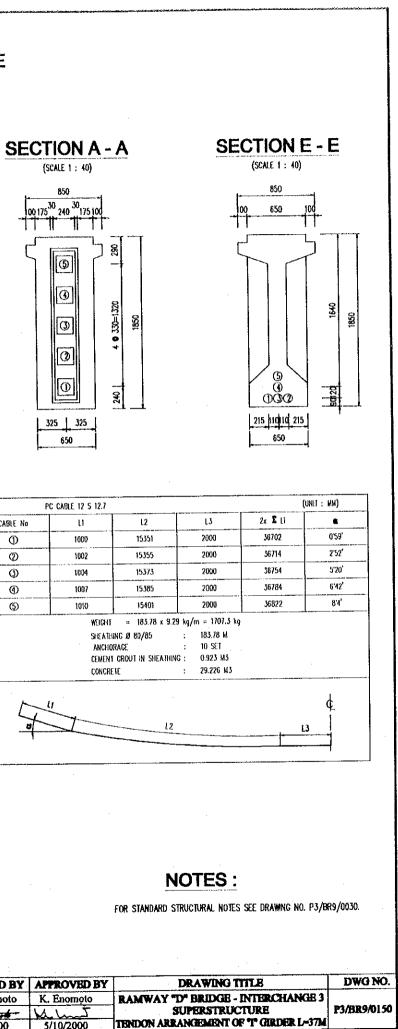
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DETAIL IN

	85	8
59.5 20112.5 59.5 20112.5 59.5 20112.5 59.5 650		
PROJECT NAME IMPLEMENTATION AGENCY EXECUTING AGENCY JICA STUDY TEAM PREPAR	ED BY CHECKED BY	APPROVED BY
PROJECT NAME IMPLEMENTATION AUGUST IN A CONTRACT INTERVACTI IN A CONTRACT IN A CONTRACT IN A CONTRACT IN A CONTRAC		K. Enomoto
		K. Lund
DETAILED DISIGN OF DETAILED DISIGN OF THE CAN THO BRIDGE JKCA COOPERATION AGENCY MINISTRY OF TRANSPORT (MOT) NIPPON KOEL CO.,LTD. SECRATURE J/2-/2 CONSTRUCTION PROJECT (JICA) MY THUAN PROJECT MANAGEMENT UNIT DATE 20/9/200		5/10/2000

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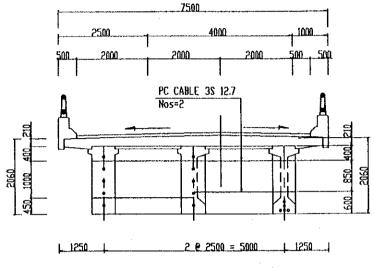


SECTION OF "I" GIRDER L=37M

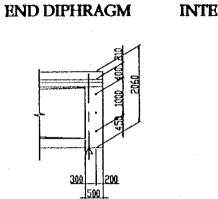
(SCALE 1 + 100)

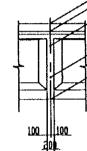
END DIPHRAGM



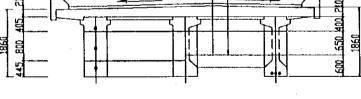








SECTION OF *I* GIRDER L=28M (SCALE 1 + 100) INTERMEDIATE DIPHRAGM END DIPHRAGM 7500 4000 PC CABLE 3S 12.7 Nos=2

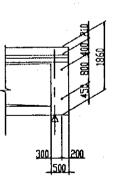


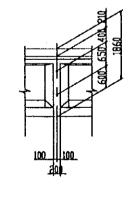
1250 1 2 P 2500 = 5000 | 1250 |

PROFILE

END DIPHRAGM

INTERMEDIATE DIPHRAGM





TOTAL QUANTITY

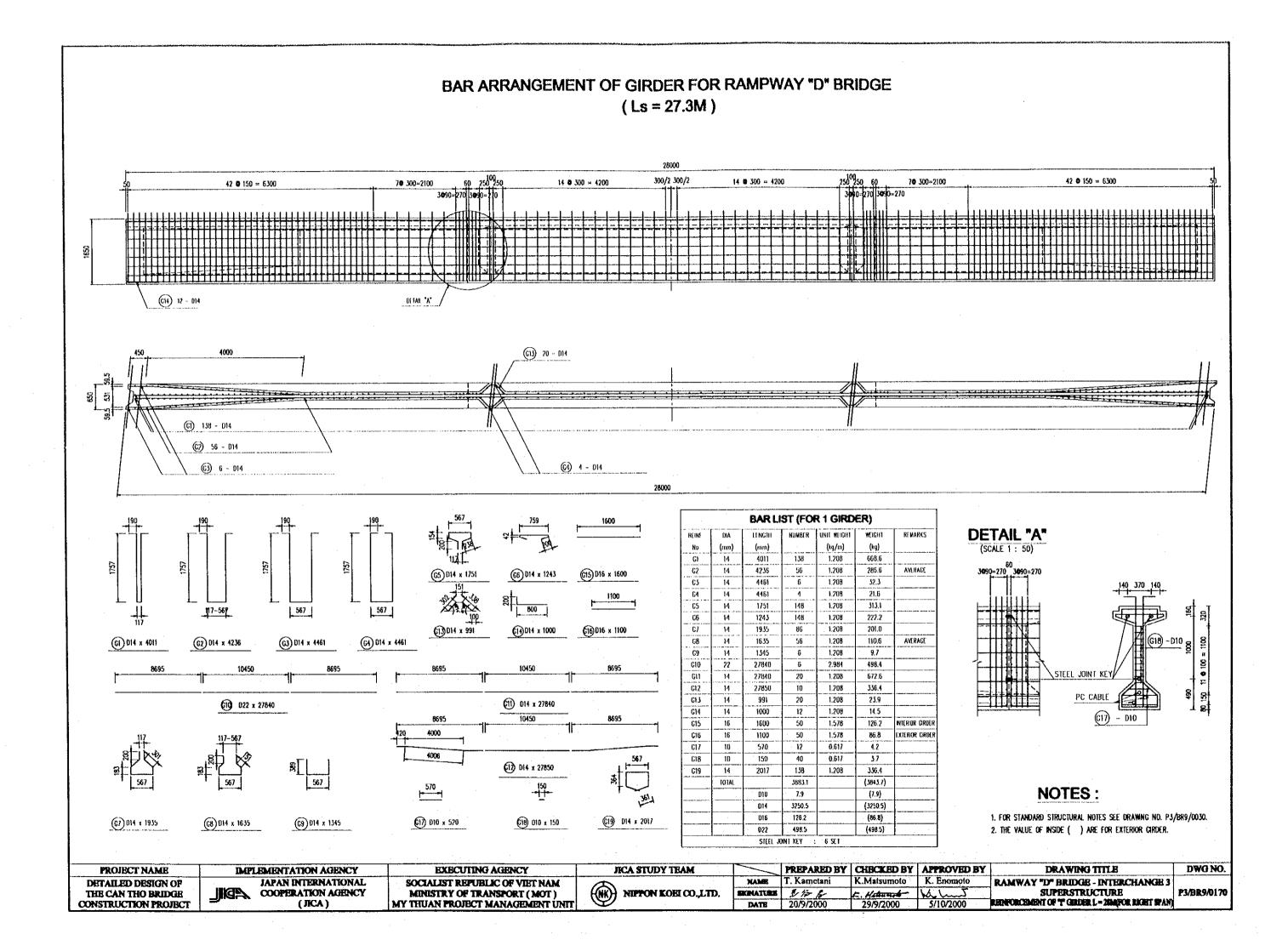
TOTAL VEIGHT OF PC CABLE 3S12.7 = 146.9 x 2.32 kg/m SHEATHING 10 50/55 146.9 M ANCHORAGE 52 SET CEMENT GROUT IN SHEATHING + .280 M3

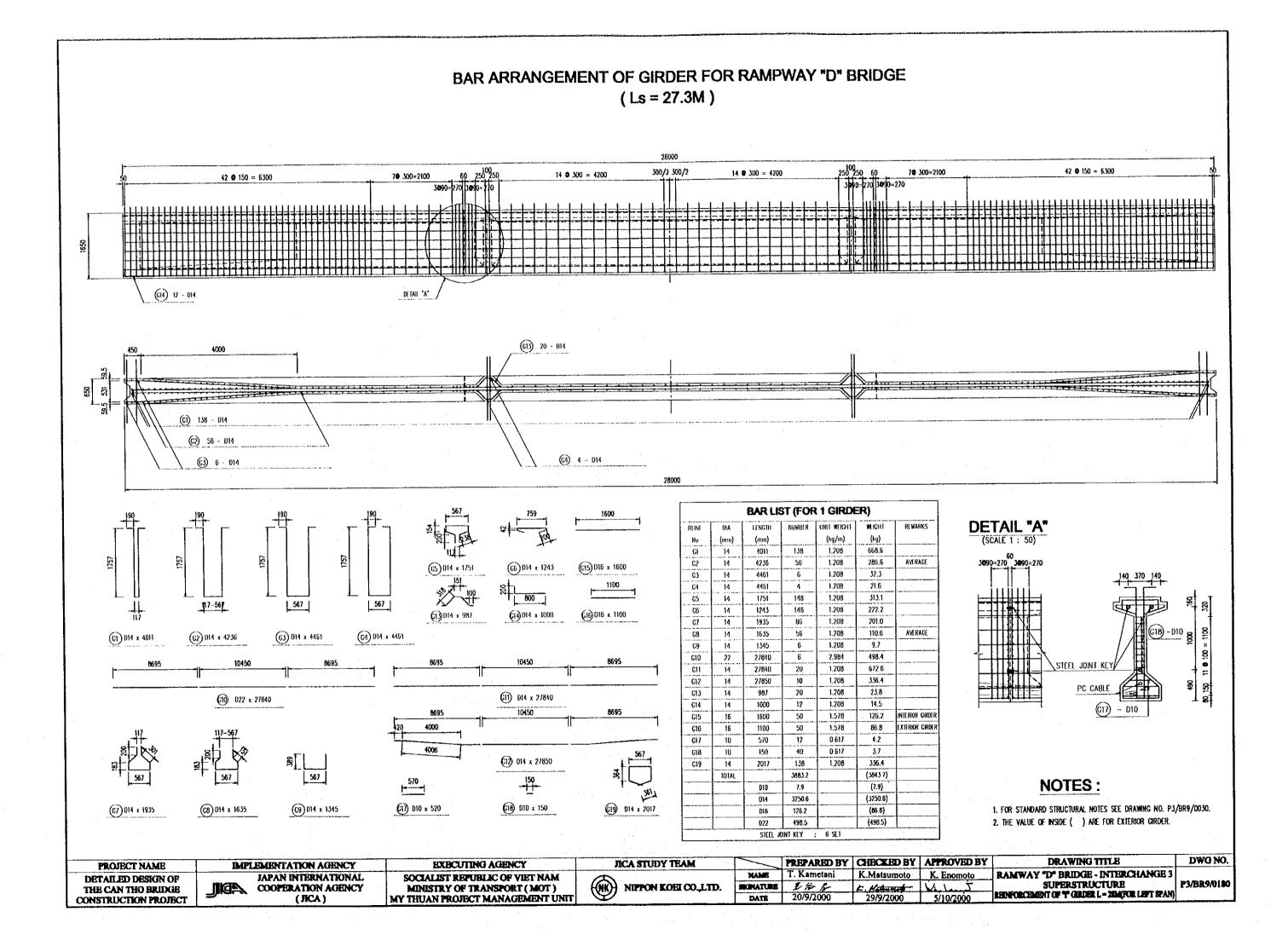
			the second se			the second se			
PROJECT NAME	IMPL	EMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TRAM		PREPARED BY	CHECKED BY	APPROVED BY	
DETAILED DESIGN OF		JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A	NAM	T. Kametani	K.Matsumoto	K. Enomoto	RAM
THE CAN THO BRIDCE	ADIL	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	NIPPON KOEL CO., LTD.	SECINATURE	2138	E. Hetand	V. L. J	
CONSTRUCTION PROJECT		(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	TENDO

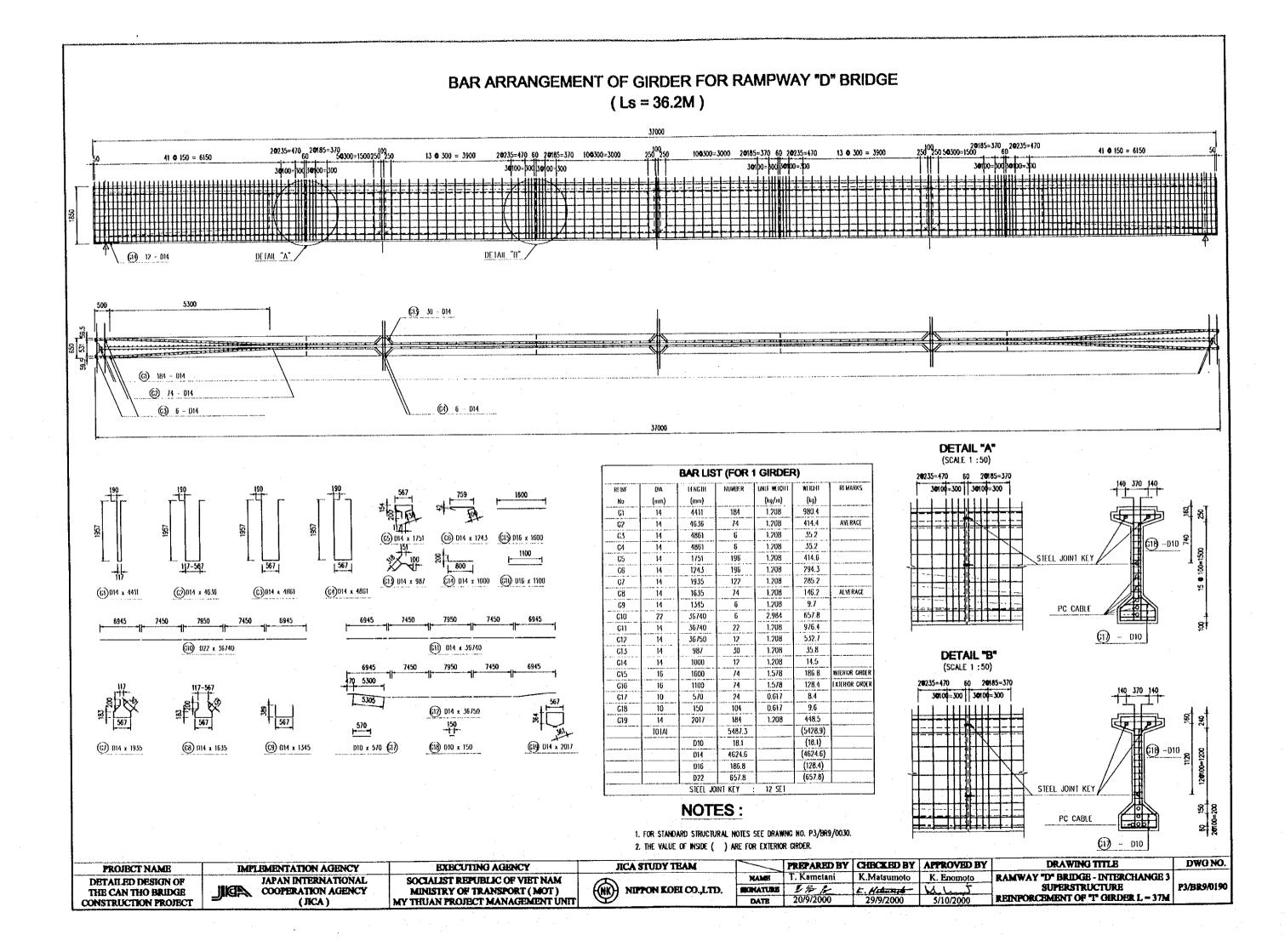
INTERMEDIATE DIPHRAGM

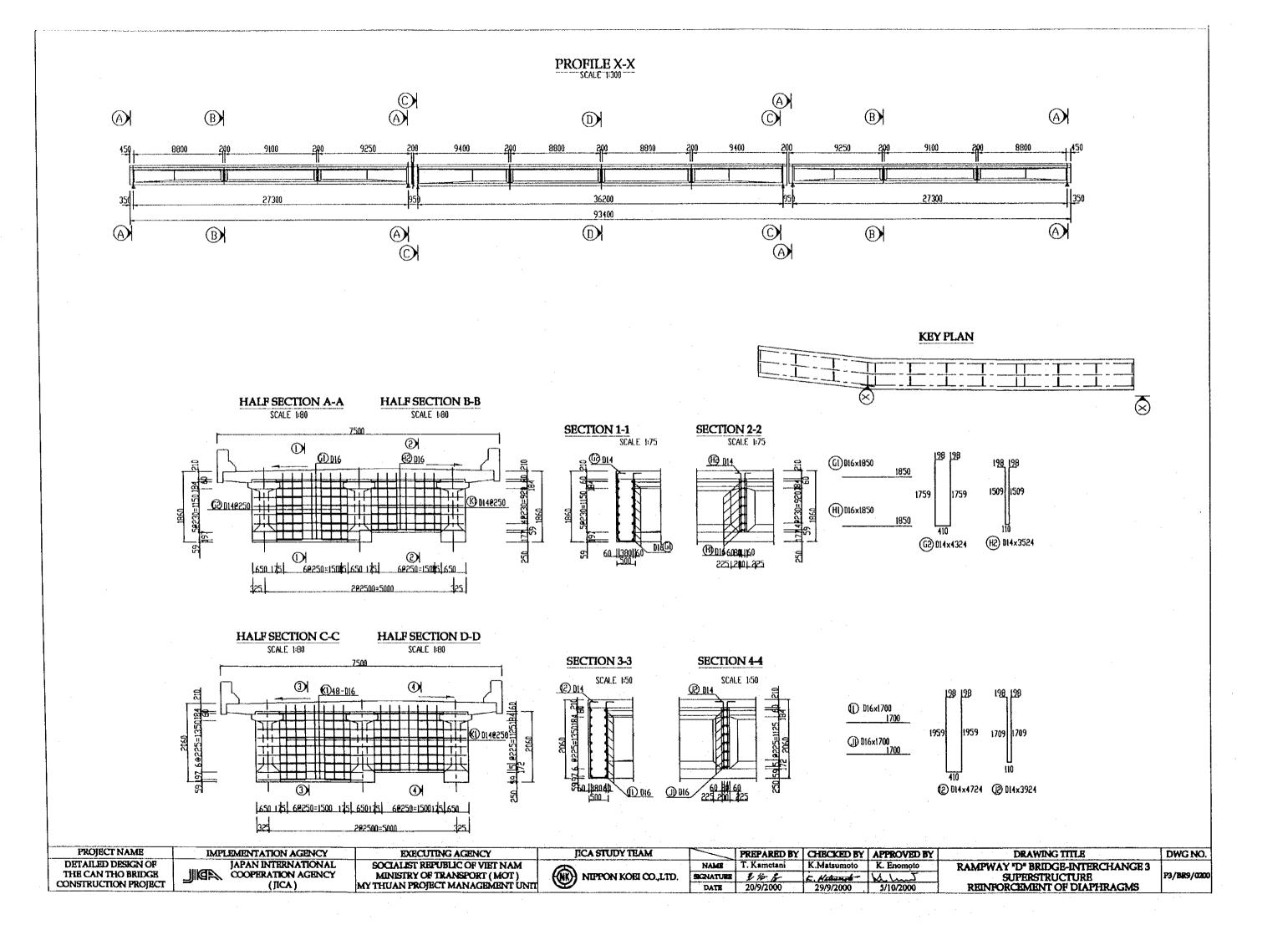


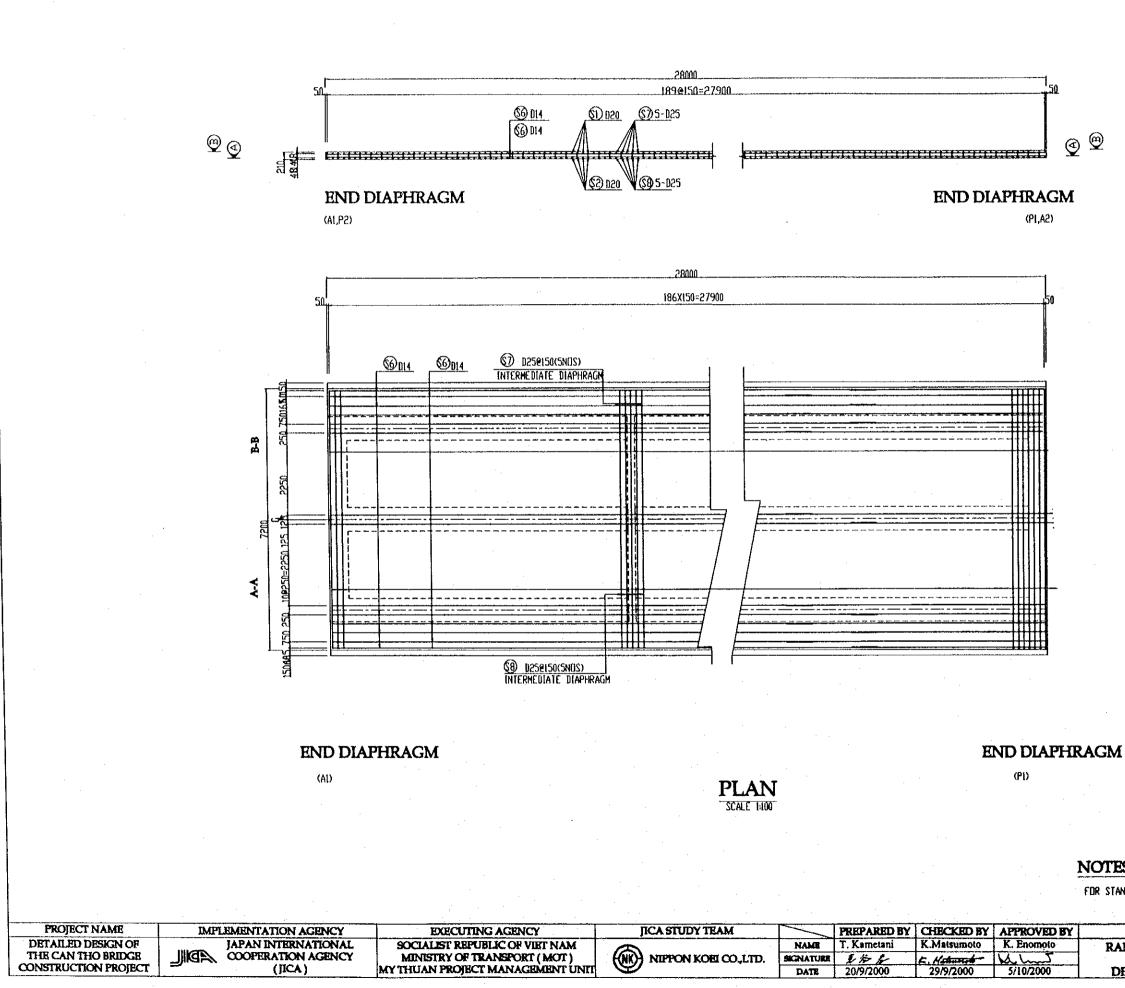
AMPWAY "D" BRIDGE-INTERCHANGE 3	P3/BR9/0160
DRAWING TITLE	DWG NO.
=380.9 (kg)	



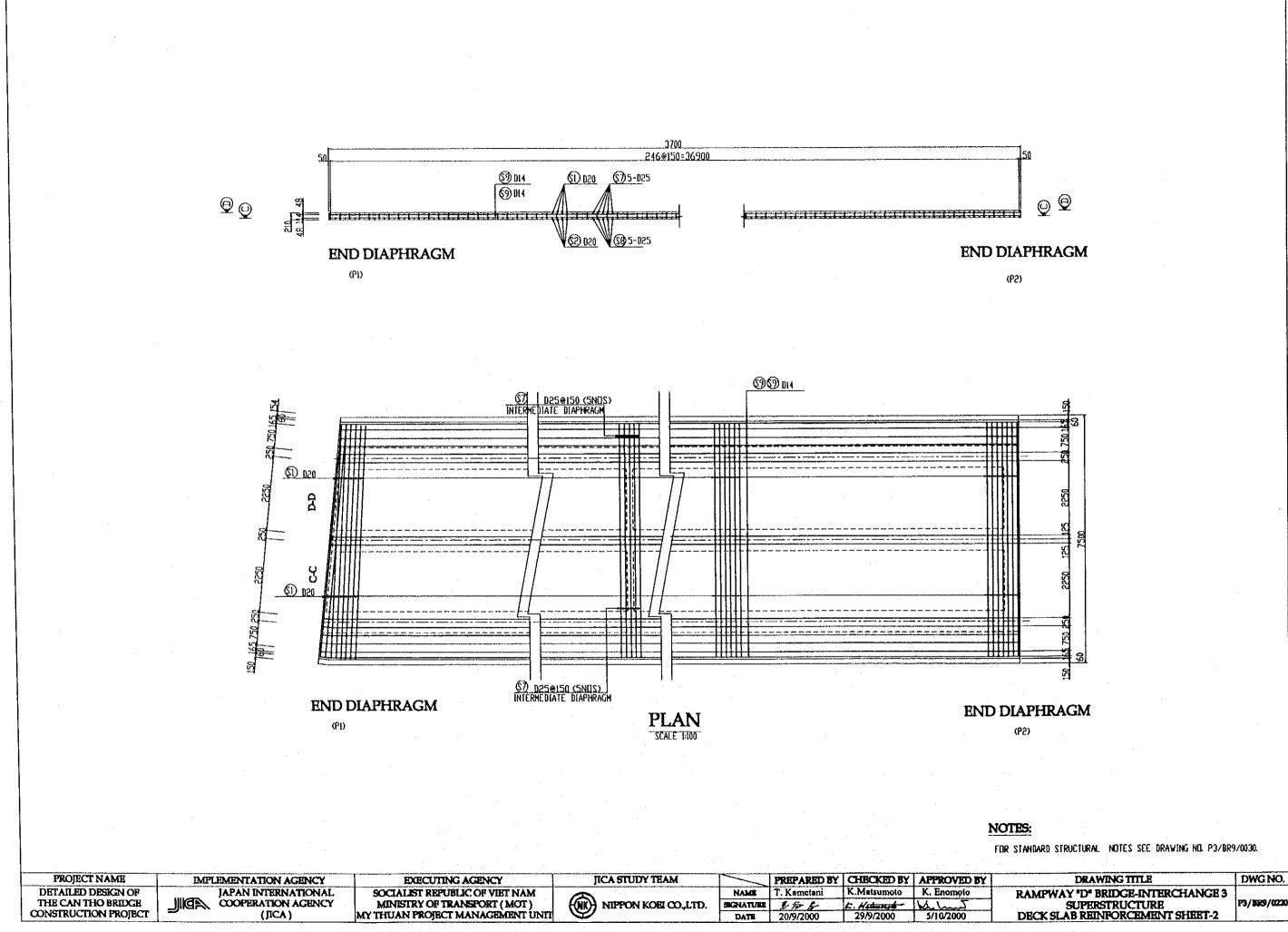


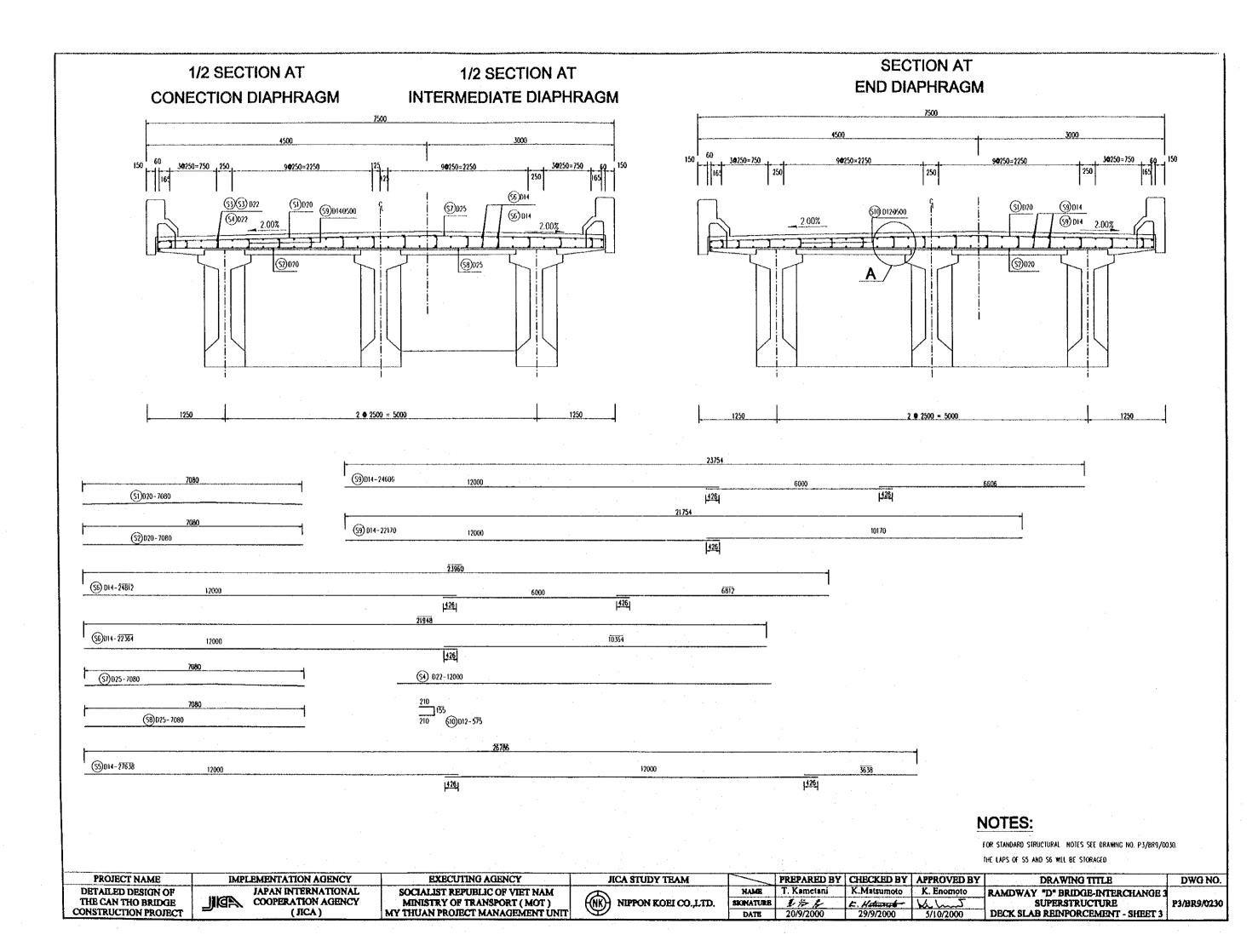


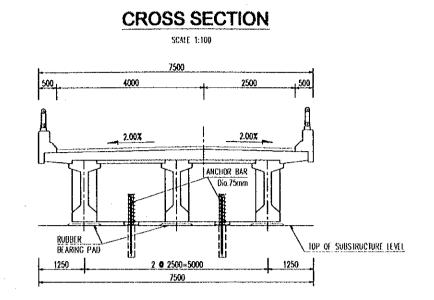




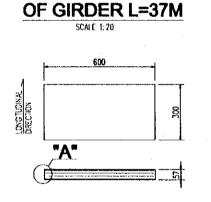
DRAW	NGTHLE			DWG NO
1. 				
STANDARD STRUCTURAL	NOTES SEE	DRAWING	NO. P3/BR9	/0030.
TES:				

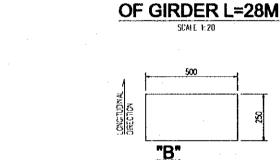






ELASTOMERIC BEARING





ELASTOMERIC BEARING

BEARING PERFORMANCE REQUIREMENTS

	SERVICEABILITY					
LOCATION	VERTICAL LOAD (KN)					
	MAXIMUM	MINIMUM				
MOVABLE BEARINGS	1 180	535				

QUANTITY TABLE (FOR ENTIRE BRIDGE)

	ITEMS	UNIT	SERVICE ABILITY		
	600x300x57(rnm)	SET	6		
BF ARINGS	500x250x50(mm)	SET	12		
ANCHOR DA	R Dia.75mm	SE 1	12		

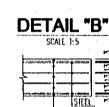
DETAIL "A" SCALE 1:5

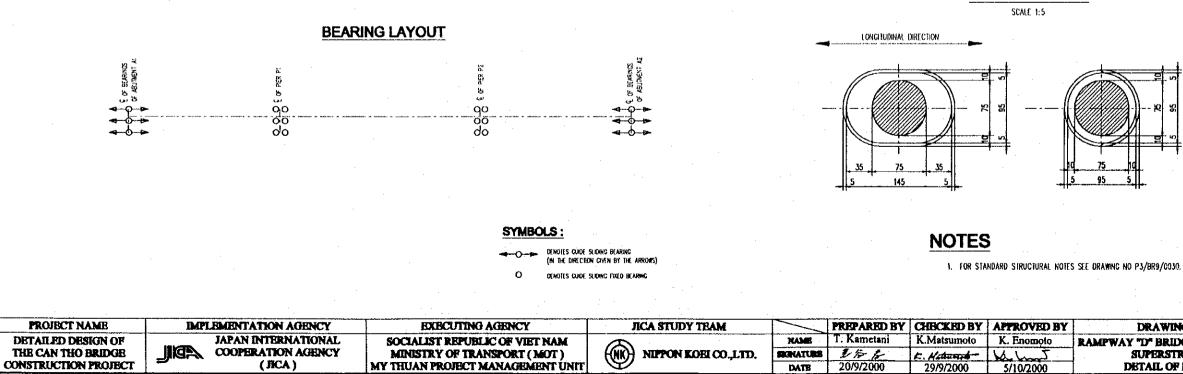
SIE

CILLOROPRE1

20/9/2000

DATE

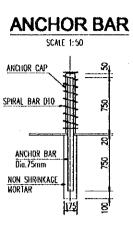








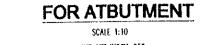
5/10/2000

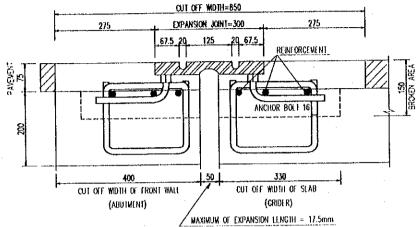


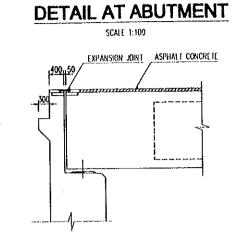


DRAWING TITLE	DWG NO.
MPWAY "D" BRIDGE INTERCHANGE 3 SUPERSTRUCTURE DETAIL OF BEARINGS	P3/BR9/0240

DETAILS OF EXPANSION JOINTS AT ABUTMENT A1&A2

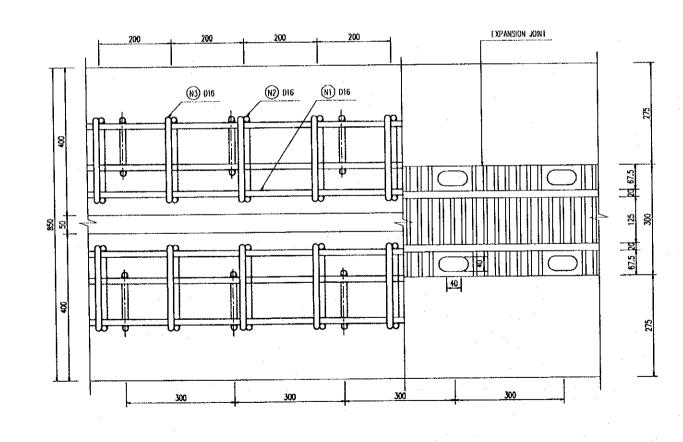


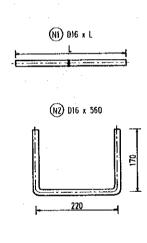


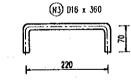


	KIND OR SIZE	QUANTITY	REMARKS
EXPANSION JOINT	NEOPRENE RUBBER	1 M	JIS- K-6301
ANCHOR BOLT	D16 L =272 mm	1/30 CM	8300
NUT	NEOPRENE RUBBER		
WASHER	NEOPRENE RUBDER		
REINFORCEMENT	(NI)3 - D16	4.72 kg	L=11.6 in, N=3
	(N2)5 - D16	4.42 kg	\$ 200
	(N3)5 - D16	2.84 kg	0200
CUT OFF	PAVEMENT	0.057 m3	
	SLAB	0.050 m3	
CONCRETE	B - 1	0.095 m3	CAST IN PLACE









NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR9/0030.

		A second s				· · · · · · · · · · · · · · · · · · ·		
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHBCKED BY	APPROVED BY	
DETAILED DESIGN OF	JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	<u></u>	NAME	T. Kametani	K.Matsumoto	K. Enomoto	_ ₽
THE CAN THO BRIDGE	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	(NK) NETTON KOEL CO., LTD.	BUILLAND	275 6	E. Hatando-	Kunt	
CONSTRUCTION PROJECT		MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000	⊥
Compriseduction					•			

QUANTITY TABLE (Per m)

r	DRAWING TITLE	DWG NO.
	RAMPWAY "D" BRIDGE - INTERCHANOB 3	
	SUPERSTRUCTURE	P3/BR9/0250
	DETAILS OF EXPANSION JOINTS	L

QUANTITY TABLE OF SUPERSTRUCTURE

	ITEMS		UNIT	TOTAL.
- BEAM				<u>`</u>
	groer concrete class b		_س ۱	210
CONCRETE	PRECAST CONCRETE PLATE CLASS D	3	25.	
	CROSS BEAN CLASS D		m ³	34.
	DECK SLAB CLASS D		m 3	176.
· · ·	ASPHALT CONCRETE OF 70 NN THICKNESS		m ²	607
	water proofing of 5 kn thickness		m ²	607
A101 C	CABLES 12S12.7		6	1051
CABLE	CABLES 3S12.7		m	146.
Weing ter	ANCHORAGE CABLES 12512.7		sel	66,
ANCHORAGE	ANCHORAGE CABLES 3512.7	set	52.	
SHEATHING	CABLES 12512.7 # 80/85 NN		n .	1051.
	CABLES 3512.7 # 50/55 MM m		m	146.9
	CEMENT GROUT IN SHEATHING		m ³	5.
	STEEL SHEAR KEY	1	sel	72
		025	kg	1909
		D22	kg	9690
		020	kg	20671
	REINFORCEMENT	D16	kg	2153.
	DEDRIVENETT	014	kg	40835
		D12	kg	2479
		D10	kg	101.7
		D6	kg	.3035
		TOTAL	kg	80877
B-EXPANSION JOINT 50 MM			m	13
C-BEARING	500x250x50		set	12
	600x300x57	· · ·	set	6
d- Anchorage bar			set	12

NOTES

FOR STAND

PROJECT NAME	IMPI	LEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY
DETAILED DESIGN OF		JAPAN INTERNATIONAL	SOCIALIST REPUBLIC OF VIET NAM	A	NAME	T. Kametani	K.Matsumoto	K. Enomoto
THE CAN THO BRIDGE	_JIKEA	COOPERATION AGENCY	MINISTRY OF TRANSPORT (MOT)	((NK)) NIPPON KOELCO., LTD.	SIGNATURE	215 6	E. Hatmart	Ki hund
CONSTRUCTION PROJECT	2	(JICA)	MY THUAN PROJECT MANAGEMENT UNIT		DATE	20/9/2000	29/9/2000	5/10/2000

SUPERSTRUCTURE QUANTITY TABLE OF SUPERSTRUCTURE	P3/BR9/0260
DRAWING TITLE RAMPWAY "D" BRIDGE-INTERCHANGE :	DWG NO.
d structural notes see drawing no P3/Br9/0030.	
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