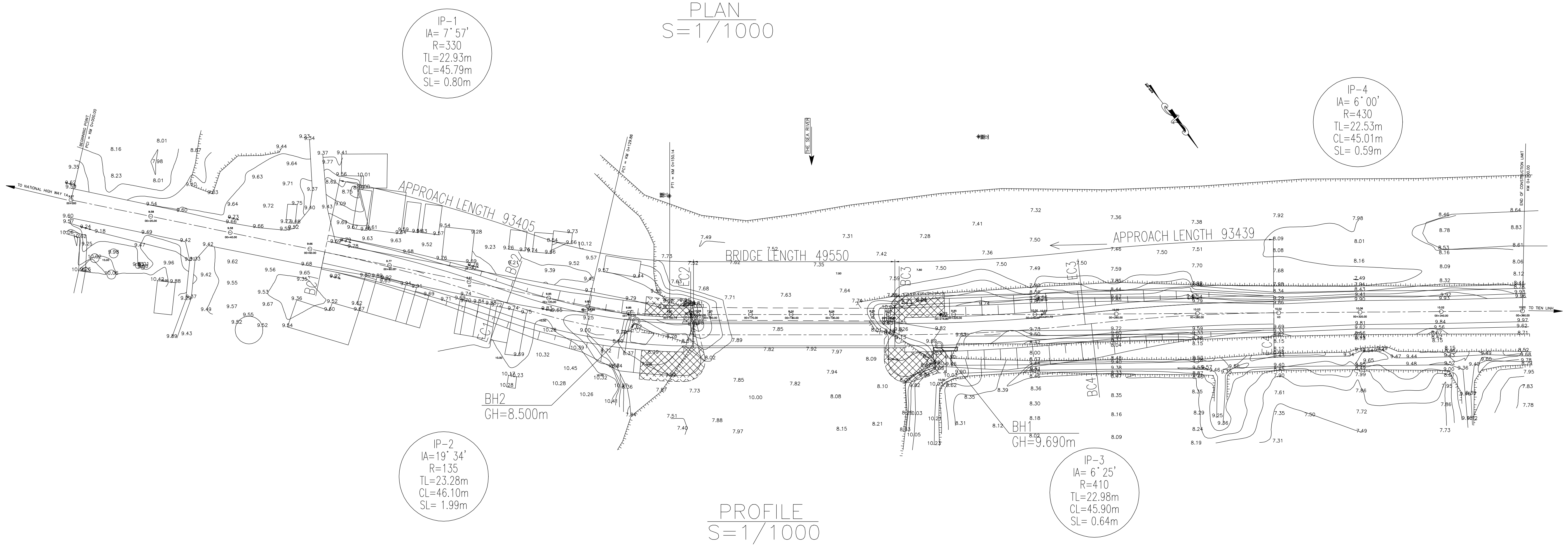
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDO	DZUNG	
SIGNATURE				
DATE				

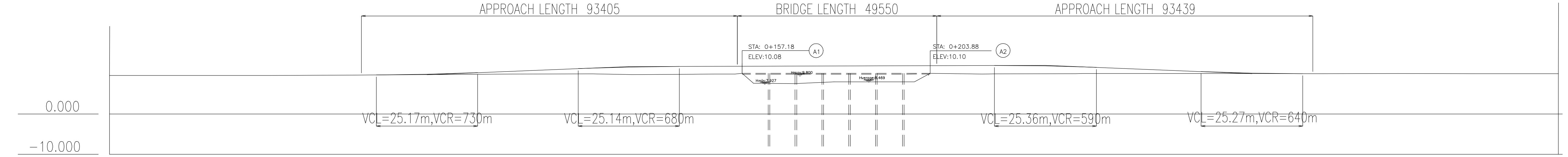
BR.NO.83 NGOI NGAN BRIDGE
GENERAL VIEW OF THE SITE

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200 ,1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.83 NGOI NGAN BRIDGE)		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PLAN
S=1/1000



PROFILE
S=1/1000



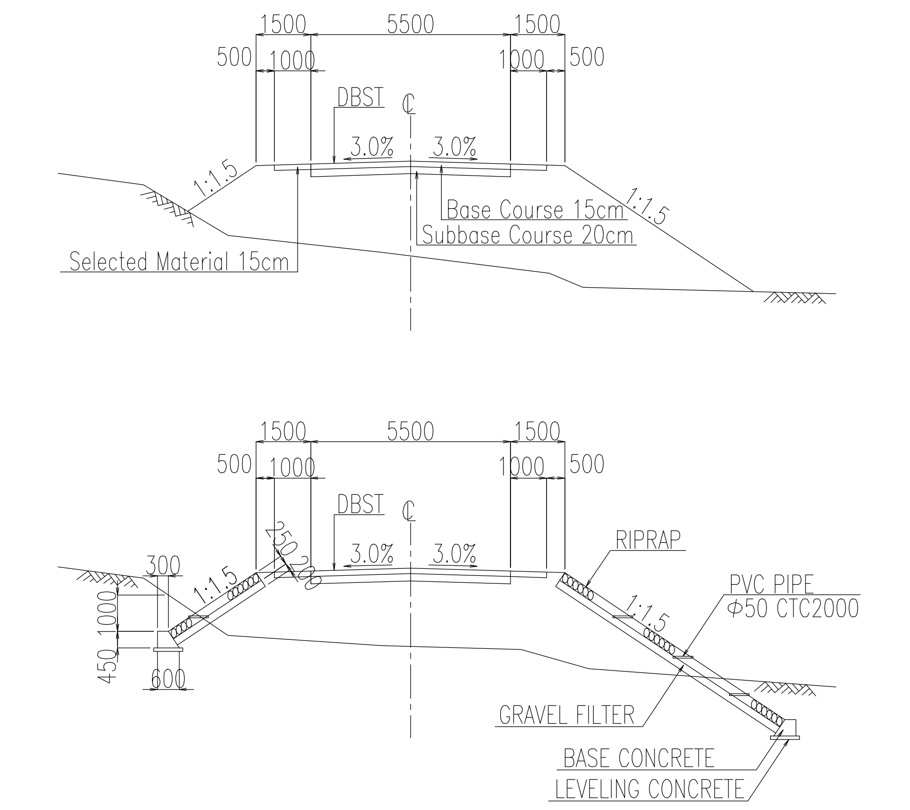
GRADE: 9.694, 9.764, i=4.000% L=50.125m, 11.769, i=0.300% L=27.000m, 11.850, i=0.300% L=49.550m, 11.999, i=0.300% L=27.000m, 12.080, i=4.000% L=51.303m, 10.028, 10.022

PROPOSED HEIGHT: 9.694, 9.870, 11.653, 11.850, 11.999, 11.944, 10.156, 10.022

GROUND HEIGHT: 9.57, 9.58, 9.58, 9.66, 9.77, 9.91, 9.95, 9.80, 9.85, 9.90, 9.90, 10.08, 7.63, 7.52, 7.99, 8.06, 8.00, 10.10, 9.90, 9.95, 10.00, 10.03, 10.05, 10.03, 10.02, 10.06, 10.02, 10.02

STATION: 0+000.00, 0+020.00, 0+040.00, 0+060.00, 0+66.289, 0+78.875, 0+080.00, 0+100.00, 0+120.00, 0+129.000, 0+129.86, 0+140.00, 0+150.14, 0+155.37, 0+156.000, 0+157.18, 0+160.00, 0+170.00, 0+180.00, 0+190.00, 0+200.00, 0+203.88, 0+205.550, 0+216.64, 0+220.00, 0+232.550, 0+240.00, 0+241.73, 0+260.00, 0+280.00, 0+283.853, 0+296.488, 0+300.00, 0+320.00, 0+340.00, 0+360.00

TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200



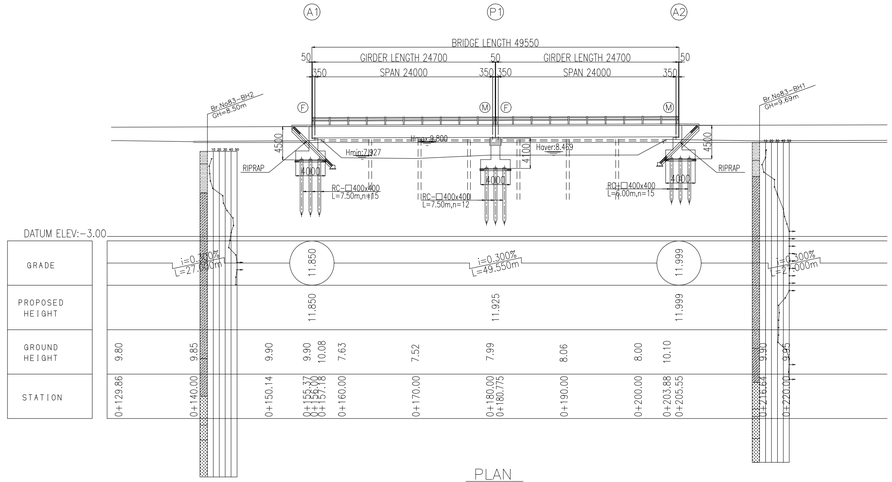
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND OVERDIAL CONSULTANTS			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDO	DZUNG	
SIGNATURE				
DATE				

BR.NO.83 NGOI NGAN BRIDGE
GENERAL VIEW OF THE BRIDGE

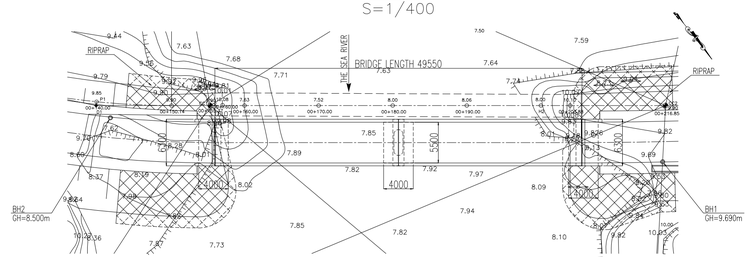
SECTION	SCALE	DRAWING NO.	SHEET NO.
	V:1/100,1/200 H:1/400	C-2	1 OF 1
DRAWING TITLE	BRIDGE STRUCTURE (BR.NO.83 NGOI NGAN BRIDGE)		

REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE
S=1/400



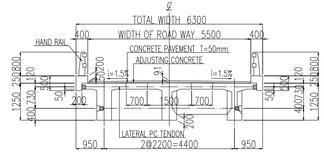
PLAN
S=1/400



CROSS SECTION
S=1/100

GIRDER LENGTH 24700

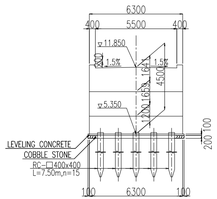
ON THE SUPPORT INTERMEDIATE



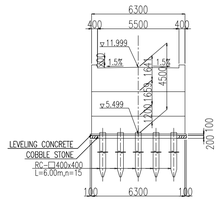
FRONT VIEW
S=1/200

ABUTMENT

A 1

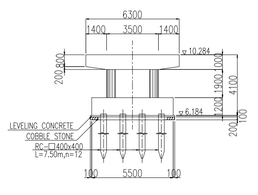


A 2



PIER

P1



DESIGN CRITERIA

General Condition		
Design Live Load		H13,X60
Design Speed		V=25km/h
Bridge Length(Span Length)		49.55m(24.00m+24.00m)
Freeboard		0.5m
Longitudinal Gradient		0.30 %
Cross-fall of Carriage way		1.50 %
Super Structure Type		Prestressed Concrete
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Abutment	A1:Rc Pile □400x400
		A2:Rc Pile □400x400
	Pier	P1:Rc Pile □400x400
Material Strength		
Super Structure Type	Girder	σ28=35N/mm²
	Cross Beam	σ28=30N/mm²
	Slab	σ28=30N/mm²
Surface	Curb,Handrail	σ28=21N/mm²
Sub Structure Type		σ28=21N/mm²
Reinforcing Steel		SD295(σy=295N/mm²)

資材調達型－橋梁一般図

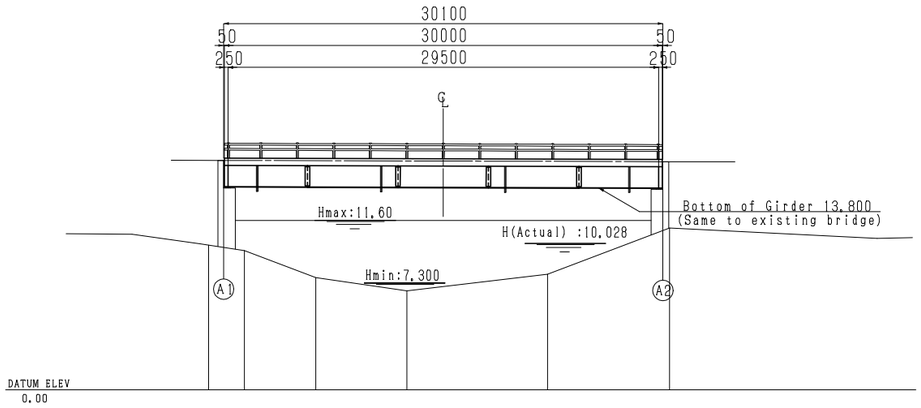
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FUKUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	CD-	OF
DRAWING TITLE	Br.No.2 General View of the Bridge		
REV. NO	DATE	DESCRIPTION	SIGNATURE

Br。No。2 CHINH DAI BRIDGE

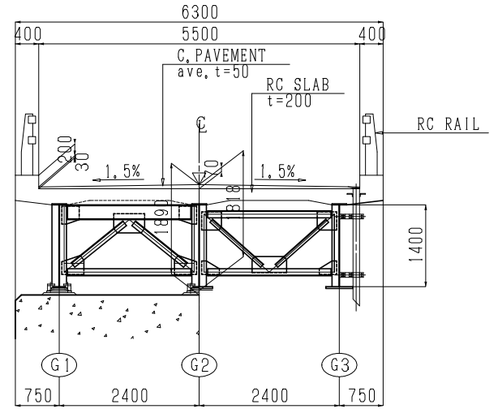
(General View of the Bridge)

PROFILE
SCALE=1/400

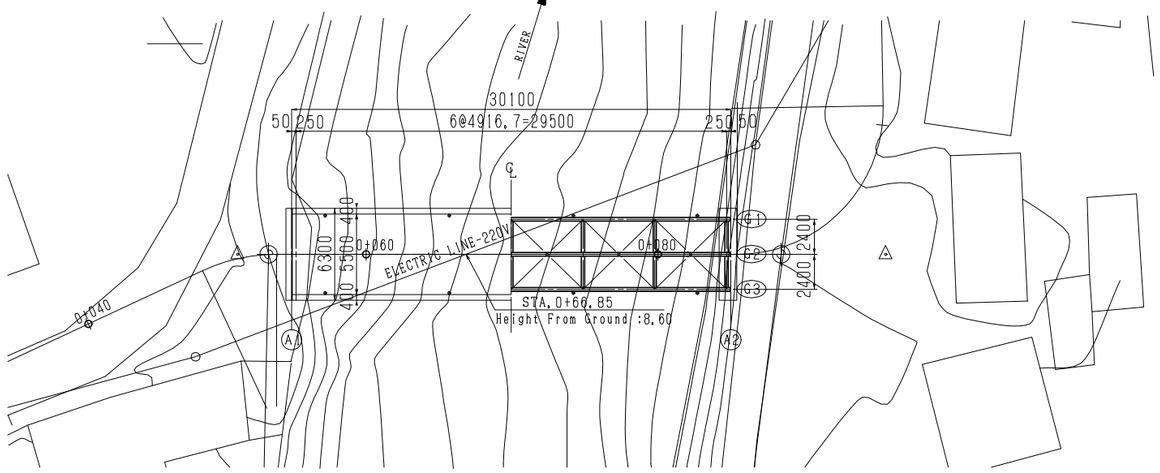


GRADE	15.710 i=0.3% 15.62
PROPSED HIGHT	15.710 15.665 15.62
GROUND HIGHT	9.91 9.54 7.68 6.77 7.92 11.08
DISTANCE	0+53.86 0+54.90 0+56.32 0+61.22 0+67.46 0+69.95 0+77.09 0+85.00 0+85.44
MARKER	A1 CL A2

SECTION
SCALE=1/100

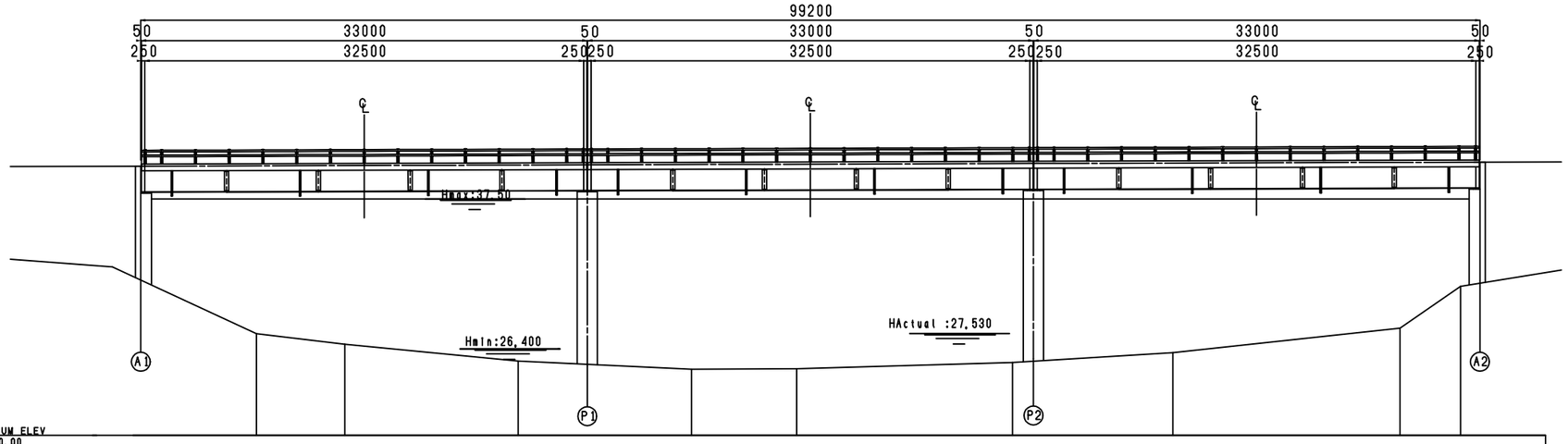


PLAN
SCALE=1/400



DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	30.1m(29.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	——
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe φ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb.Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.4 THACH QUANG BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	TQ-	OF
DRAWING TITLE	Br.No.4 General View of the Bridge		
REV.NO	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

GRADE	39.93							i=0.3%								40.228
PROPSED HIGHT	39.93			39.980		40.029			40.079		40.128		40.178			40.228
GROUND HIGHT		27.53	26.74		25.50		24.89	24.93		25.39		26.12		27.94	31.03	
DISTANCE	0+82.00	0+90.57	0+97.11	0+98.55	0+109.95	0+115.075	0+122.79	0+130.58	0+131.60	0+146.58	0+148.125	0+158.45	0+164.65	0+175.28	0+179.76	0+181.20
MARKER	A1			1CL		P1			2CL		P2		3CL			A2

SECTION

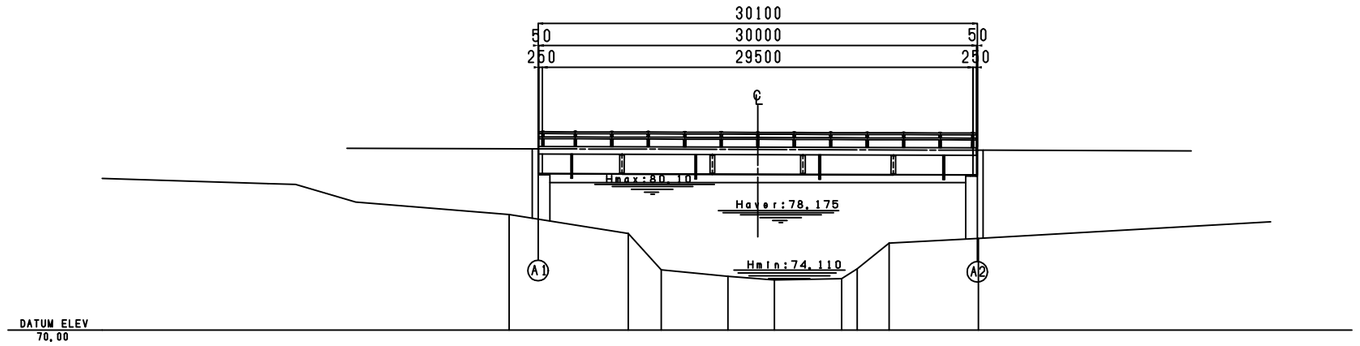
SCALE=1/100

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	99.2m (32.5m+32.5m+32.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↙ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb,Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295 (py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.7 KE CHIENG BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	KC-	OF
DRAWING TITLE	Br.No.7 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

GRADE	82.410				I=0.3%					82.32	
PROPSED HIGHT	82.410				82.365					82.32	
GROUND HIGHT		77.91	76.60	74.13	73.67		73.42	73.52	74.19	75.96	76.28
DISTANCE	0+90.00	0+87.97	0+96.13	0+98.39	0+102.96	0+105.05	0+106.15	0+110.75	0+111.82	0+114.02	0+120.10
MARKER	A1					CL				A2	

SECTION

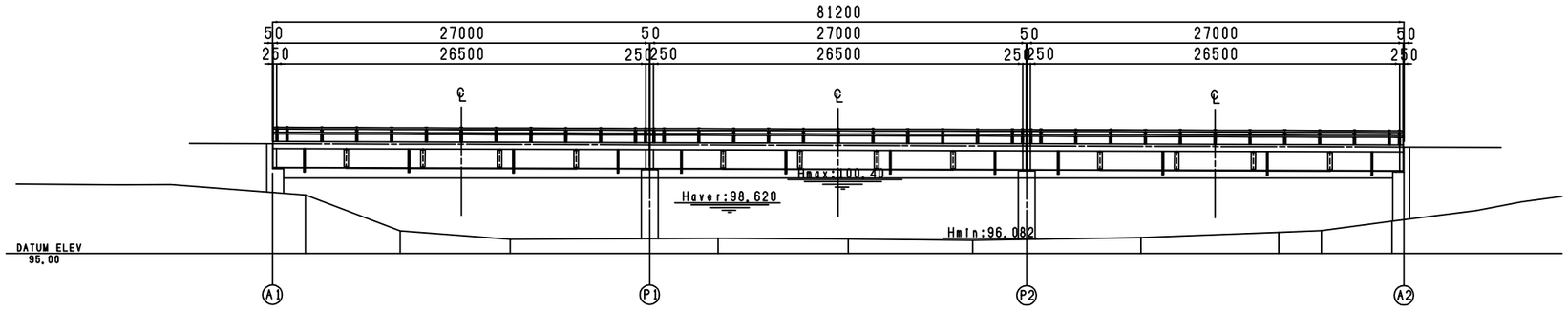
SCALE=1/100

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	30.1m(29.5m)	
Clear Width	4.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	―――
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb,Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.9 BAN KHOANG BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	BK-	OF
DRAWING TITLE	Br.No.9 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

GRADE	102.874										I=0.3%						102.63
PROPSED HIGHT	102.874			102.833		102.792		102.752			102.711		102.671				102.63
GROUND HIGHT		99.20	96.62		96.01		96.08		96.04	95.95		96.13		96.51	96.63	97.31	
DISTANCE	0+150.00	0+152.37	0+159.17	0+163.55	0+167.06	0+177.075	0+181.98	0+190.600	0+191.33	0+200.25	0+204.125	0+212.33	0+217.65	0+222.21	0+225.27	0+230.34	0+231.20
MARKER	A1			1CL		P1		2CL			P2		3CL				A2

SECTION

SCALE=1/100

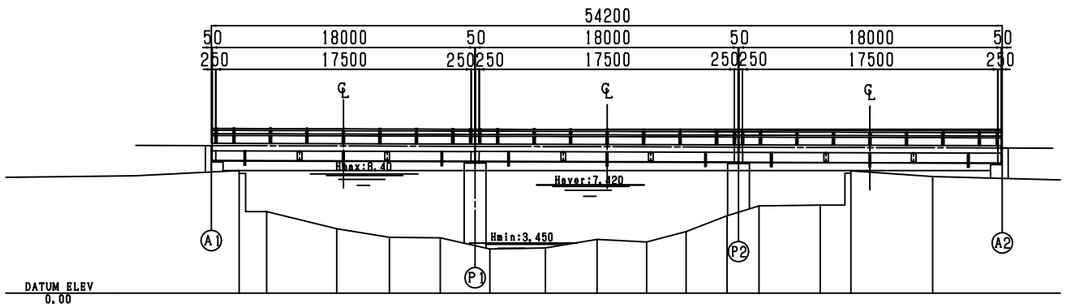
A1~A2

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	81.2m(26.5m+26.5m+26.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave. t=5cm
	Curb, Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.12 CUA TRAI BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	CT-	OF
DRAWING TITLE	Br.No.12 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

GRADE	10.113												i=0.3%										9.95
PROPSED HIGHT	10.113				10.085			10.058				10.031				10.004				9.977		9.95
GROUND HIGHT		8.41	5.59	4.42		3.83	3.80		3.03	3.11	3.69		3.52	4.23	5.31		5.99	6.04	8.39		8.00	
DISTANCE	0+48.00	0+49.90	0+51.79	0+56.59	0+57.05	0+60.19	0+63.69	0+66.075	0+67.09	0+70.89	0+74.43	0+75.10	0+77.83	0+80.53	0+83.33	0+84.125	0+85.53	0+89.73	0+91.83	0+93.15	0+97.43	0+102.20
MARKER	A1				1CL			P1				2CL				P2				3CL		A2

SECTION

SCALE=1/100

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	54.2m(17.5m+17.5m+17.5m)	
Clear Width	4.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb,Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)

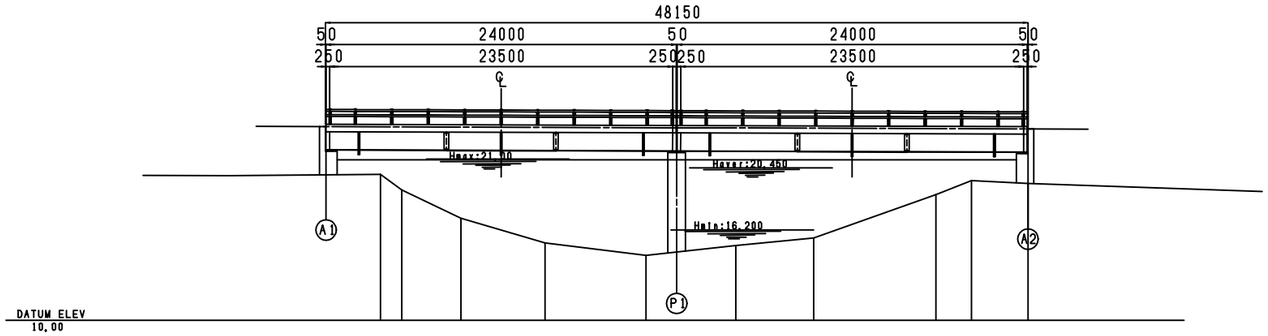
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM			
PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM		
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL		
	DESIGNED BY	CHECKED BY	APPROVED BY
NAME	Y.FURUKAWA	H.ENDOU	DZUNG
SIGNATURE			
DATE			

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	PV-	OF
DRAWING TITLE	Br.No.15 General View of the Bridge		
REV. NO	DATE	DESCRIPTION	SIGNATURE

Br.No.15 PHU VINH BRIDGE

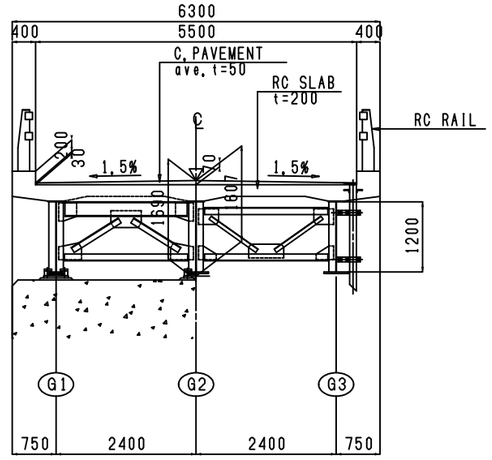
(General View of the Bridge)

PROFILE
SCALE=1/400

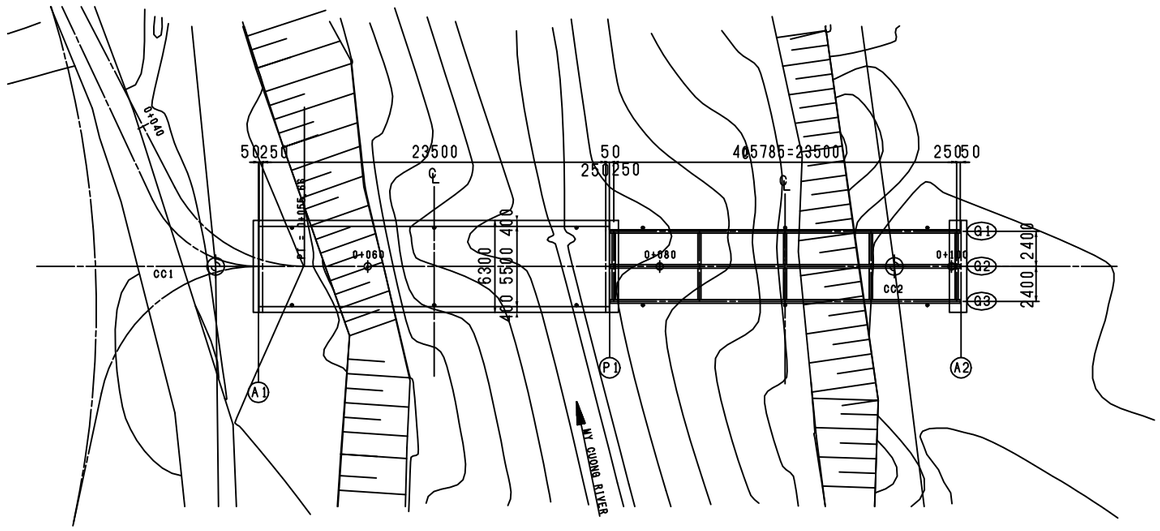


GRADE	23.254					i=0.3%							23.11
PROPSED HIGHT	23.264				23.218			23.182			23.146		23.11
GROUND HIGHT		20.00	18.93	17.00		15.30	14.44		15.12	15.64		18.61	19.58	19.39
DISTANCE	0+52.50	0+55.66	0+56.28	0+57.73	0+61.80	0+64.55	0+67.55	0+74.47	0+76.575	0+80.63	0+85.97	0+88.60	0+94.34	0+96.78	0+100.65	0+100.88
MARKER	A1				1CL			P1			2CL				A2	

SECTION
SCALE=1/100

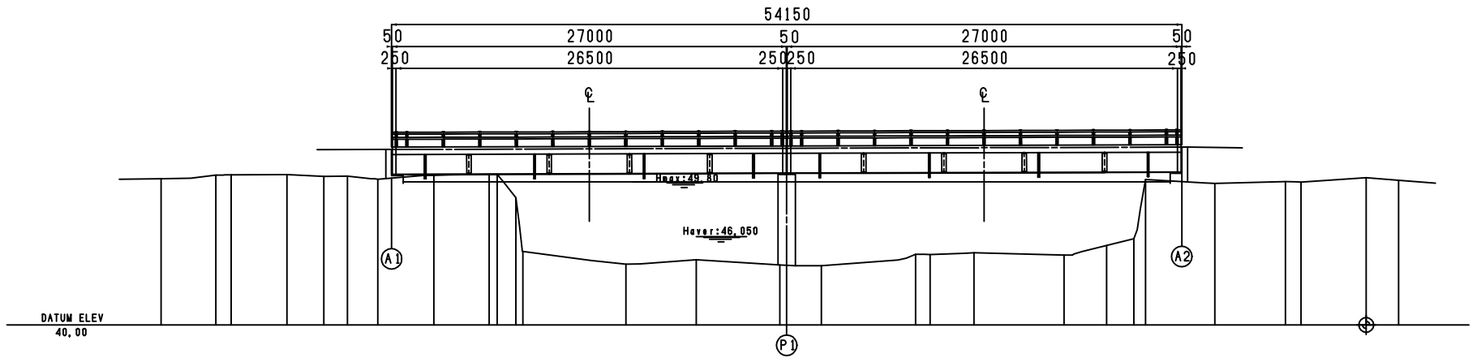


PLAN
SCALE=1/400



DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	48.15m(23.5m+23.5m)	
Clear Width	5.5m	
Longitudinal Gradient	0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe φ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C, Pavement	ave, t=5cm
	Curb, Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(σy=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.20 BEN DA BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	BD-	OF
DRAWING TITLE	Br.No.20 General View of the Bridge		
REV.NO	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

SECTION

SCALE=1/100

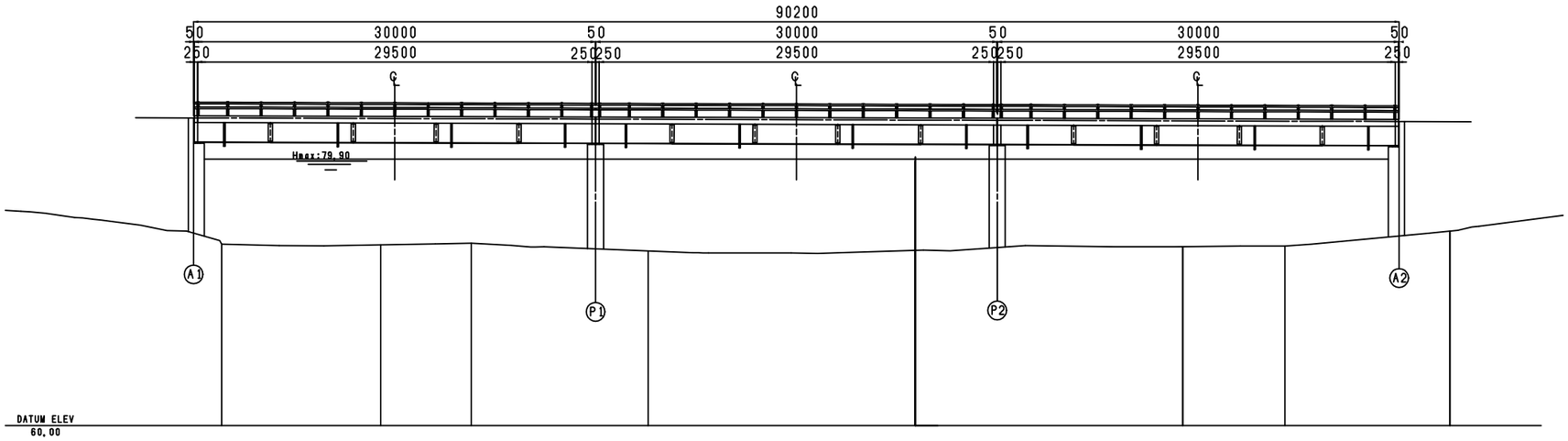
GRADE	52.02										i=0.3%										52.182
PROPSED HIGHT	52.02						52.061				52.101					52.142					52.182
GROUND HIGHT		50.25	50.33	50.32	48.72	45.03		44.17	44.47	44.15		44.06	44.83	44.83	44.94		44.78	45.44	45.90	49.95	
DISTANCE	0+51.00	0+53.889	0+57.684	0+58.229	0+59.519	0+60.000	0+64.55	0+67.061	0+71.876	0+77.601	0+78.075	0+80.451	0+86.913	0+87.908	0+90.918	0+91.60	0+97.088	0+100.000	0+101.866	0+102.672	0+105.15
MARKER	A1						1CL				P1					2CL					A2

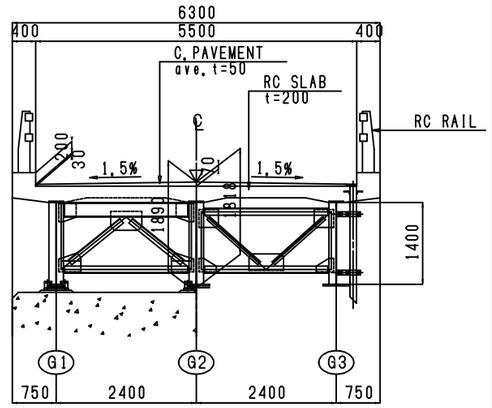
PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	54.15m (26.5m+26.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↙ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb, Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295 (py=300N/mm2)





THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.24 NA MAY BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	NM-	OF
DRAWING TITLE	Br.No.24 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

SECTION

SCALE=1/100

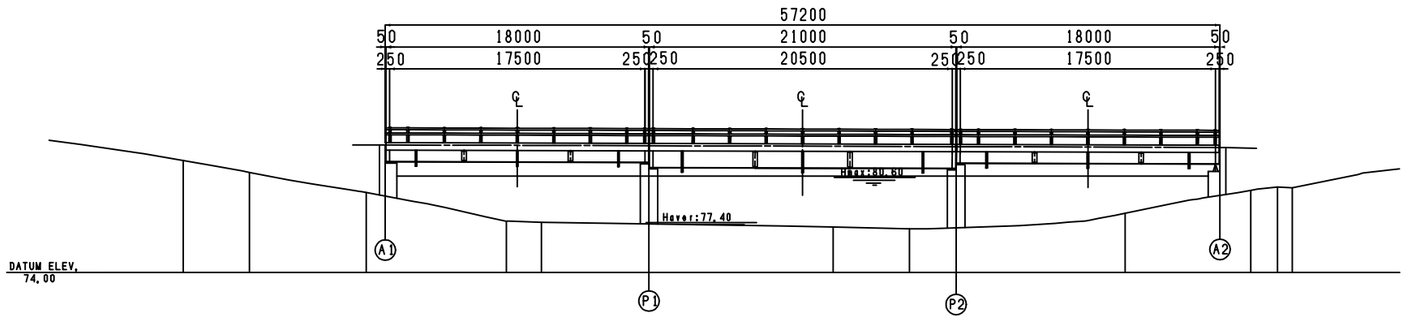
GRADE	82.991							I=0.3%						82.72
PROPSED HIGHT	82.991			82.945		82.900		82.855		82.810		82.795		82.72
GROUND HIGHT		73.57	73.50		73.64		73.05		73.10		73.38		73.42	
DISTANCE	0+106.00	0+108.09	0+120.00	0+121.05	0+126.77	0+136.075	0+140.00	0+151.10	0+160.00	0+166.125	0+180.00	0+181.15	0+187.65	0+196.20
MARKER	A1			1CL		P1		2CL		P2		3CL		A2

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	90.2m(29.5m+29.5m+29.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb,Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

Br.No.34 SONG QUAN BRIDGE

(General View of the Bridge)

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	SQ-	OF
DRAWING TITLE	Br.No.34 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

PROFILE

SCALE=1/400

GRADE		82.727				i=0.3%				82.61	i=0.3%		82.556
PROPSED HIGHT		82.727		82.700		82.673	82.642			82.61	82.583		82.556
GROUND HIGHT	79.48		77.51		77.42			77.10	76.98			78.05	
DISTANCE	0+47.99	0+49.30	0+57.59	0+58.35	0+60.00	0+67.375	0+77.90	0+80.00	0+85.22	0+88.425	0+97.45	0+100.00	0+106.50
MARKER		A1		1CL		P1	2CL			P2	3CL		A2

PLAN

SCALE=1/400

SECTION

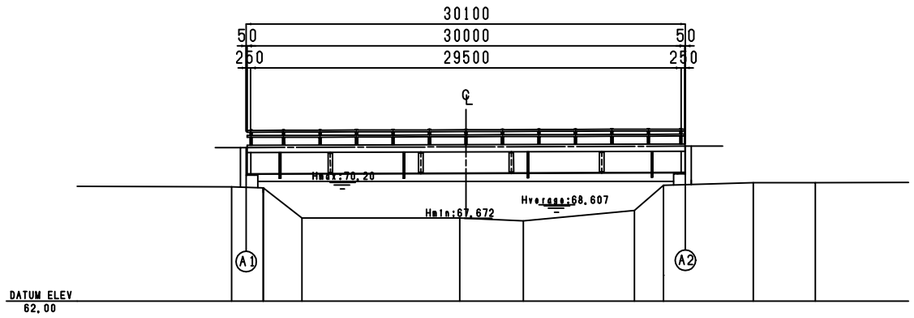
SCALE=1/100

A1~P1, P2~A2

P1~P2

DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	57.2m(17.5m+20.5m+17.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↘ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave. t=5cm
	Curb, Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORT				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	PACIFIC CONSULTANTS INTERNATIONAL			
	DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDOU	DZUNG	
SIGNATURE				
DATE				

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100 , 1/400	SC-	OF
DRAWING TITLE	Br.No.38 General View of the Bridge		
REV.NO.	DATE	DESCRIPTION	SIGNATURE

Br.No.38 SUOI CAT BRIDGE

(General View of the Bridge)

PROFILE

SCALE=1/400

GRADE		72.52				1=0.3%				72.610
PROPSED HIGHT		72.52				72.565				72.610
GROUND HIGHT	69.82		69.76	67.69	67.69		67.49	68.20	69.93	
DISTANCE	0+60.00	0+61.00	0+62.17	0+64.82	0+75.63	0+76.05	0+80.00	0+87.60	0+89.60	0+91.10
MARKER		A1				CL				A2

SECTION

SCALE=1/100

PLAN

SCALE=1/400

DESIGN CRITERIA

General Condition		
Design Speed	V=25km/h	
Bridge Length (Span Length)	30.1m(29.5m)	
Clear Width	5.5m	
Longitudinal Gradient	↙ 0.3%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	——
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe ϕ406.4mm	
Material Strength		
Super Structure Type	Girder	σa=210N/mm2
	Cross Beam	σa=140N/mm2
	Slab	σ28=30N/mm2
Surface	C.Pavement	ave.t=5cm
	Curb,Wall	σ28=30N/mm2
Sub Structure Type		σ28=20N/mm2
Reinforcing Steel		SD295(py=300N/mm2)