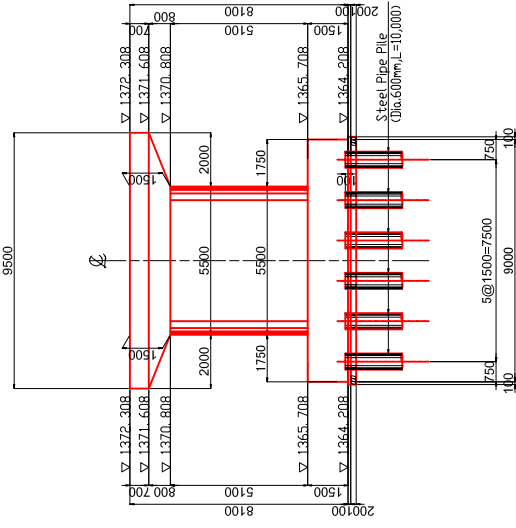
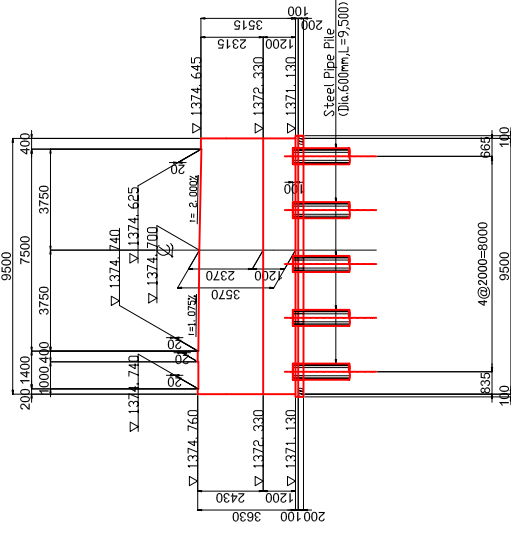


Typical Cross Section of Superstructure (Scale 1:100)

DESIGN CRITERIA	
TYPE OF BRIDGE	4-SPAN CONTINUOUS STEEL PLATE GIRDER
TOTAL BRIDGE LENGTH	120,000m
SPAN LENGTH / ARRANGEMENT	28,620+29,000+290,000+32,620
CARRIAGE WAY WIDTH;7,500m	
SIDEWALK WIDTH;1,000m	
LIVE LOAD	JAPANESE B LIVE LOAD
SEISMIC COEFFICIENT	KI=0.17

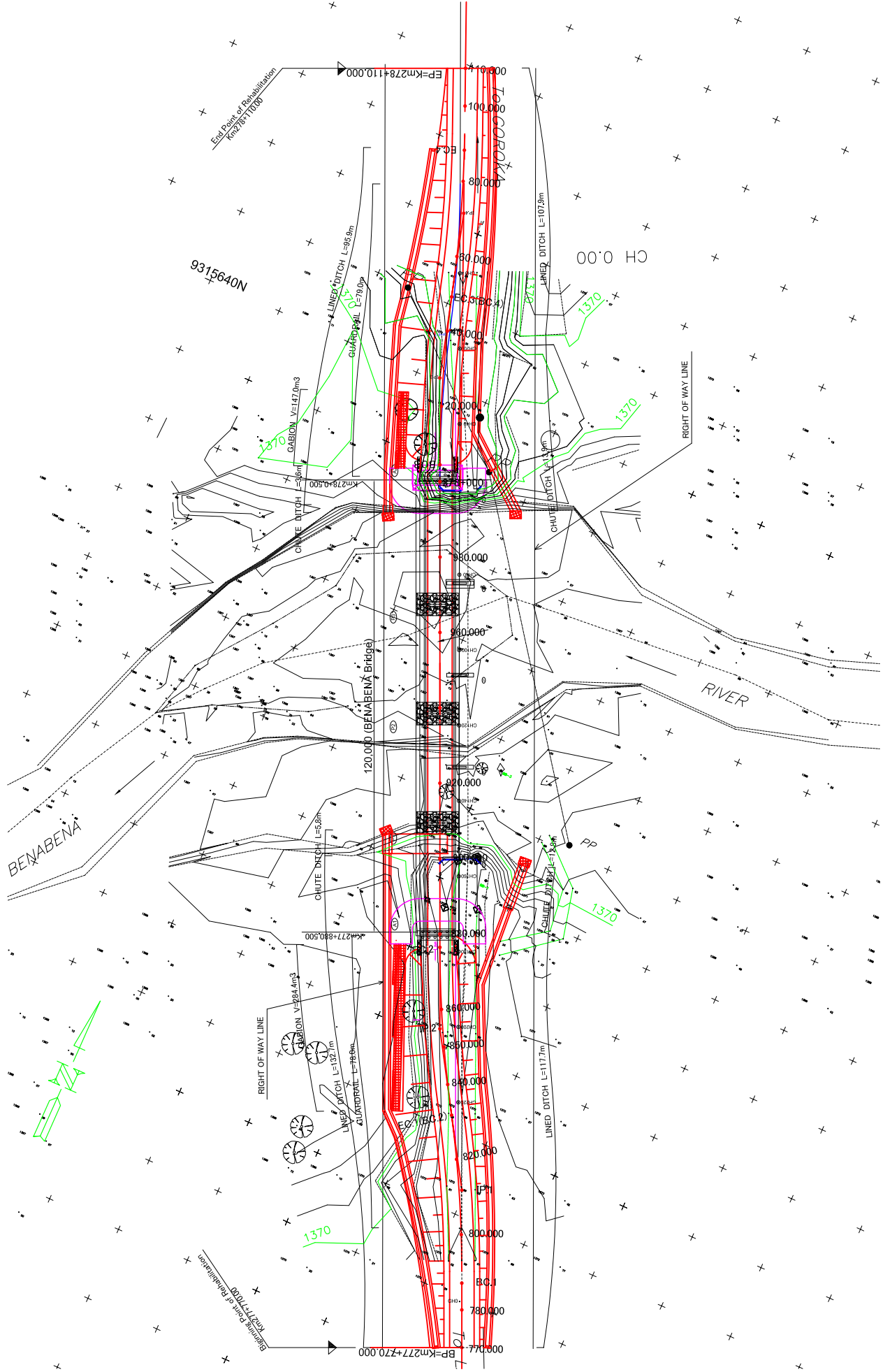


Side View & Front Elevation of Relocated Pier, P2
(Scale 1:200)



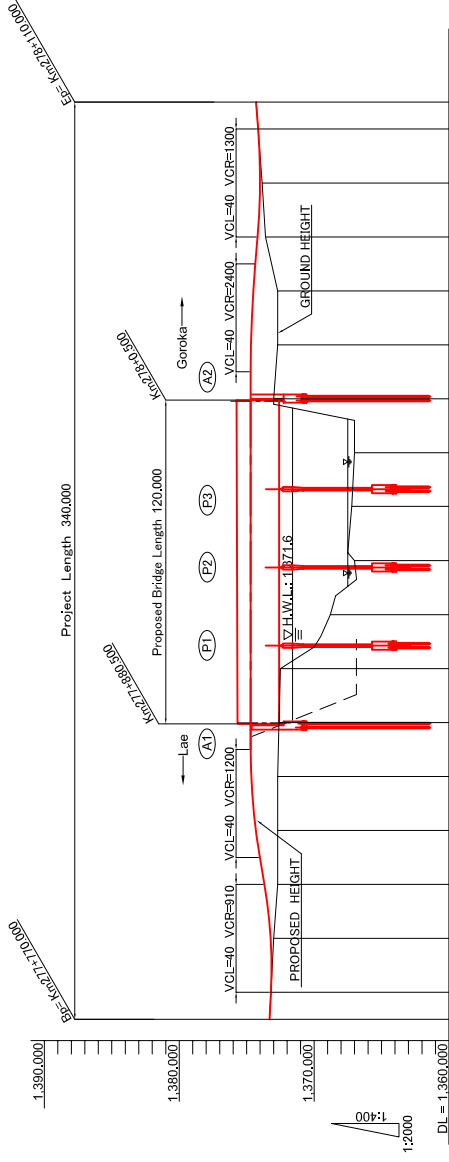
Side View & Front Elevation of Relocated Abutment, A1
(Scale 1:200)

GENERAL PLAN OF BENABENA BRIDGE SCALE(1:1000)



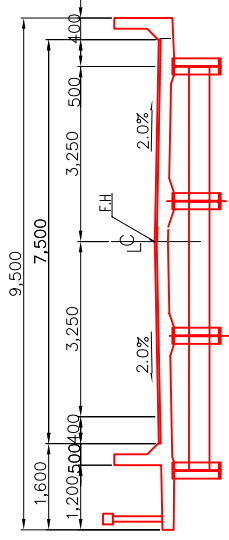
PROFILE OF ROAD

SCALE(V=1:400,H=1:2000)

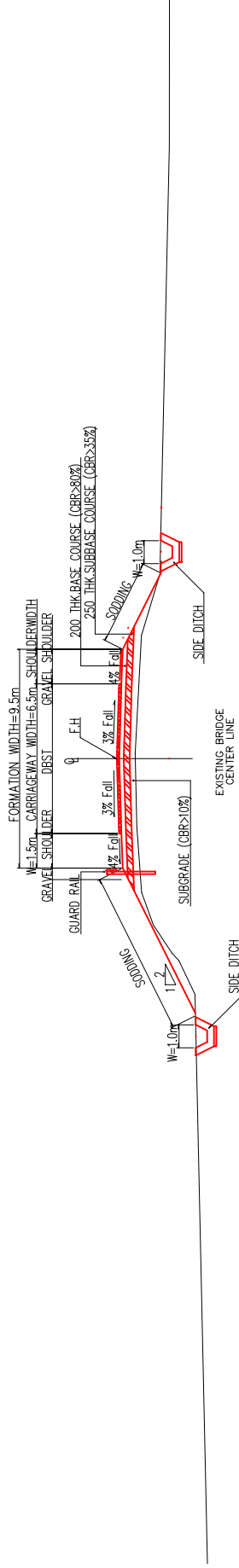


GRADE	LEVEL L=180		(1374.300)	(1373.000)	(1374.700)	(1373.850)	(1374.300)	(1374.150)	(1374.300)
PROPOSED HEIGHT	1374.200	1374.220	1373.000	1373.220	1373.000	1372.70	1374.318	1374.530	1374.700
GROUND HEIGHT	1374.300	1373.200	1373.300	1372.200	1373.680	1372.70	1374.318	1374.530	1374.700
STATION	Km277+770.000	Km277+800.000	Km277+830.000	Km277+860.000	Km277+890.000	Km277+920.000	Km277+950.000	Km277+980.000	Km277+1010.000
CURVE ELEMENT	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=200 L=44.660	R=∞ L=∞
SUPER ELEVATION	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%	16.0% 12.0%

TYPICAL CROSS SECTIONS SCALE(1:200)



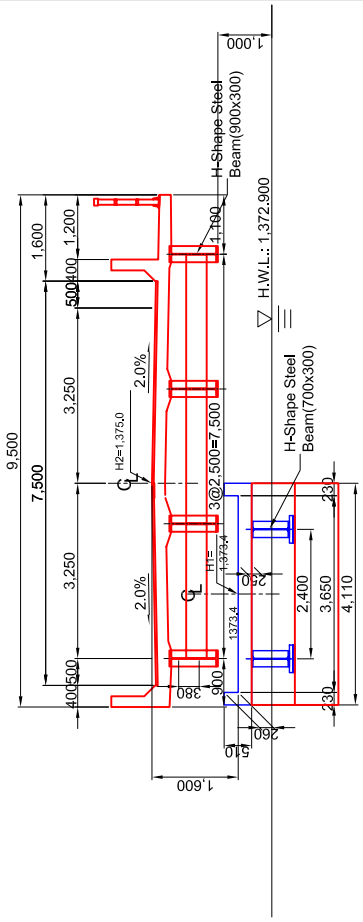
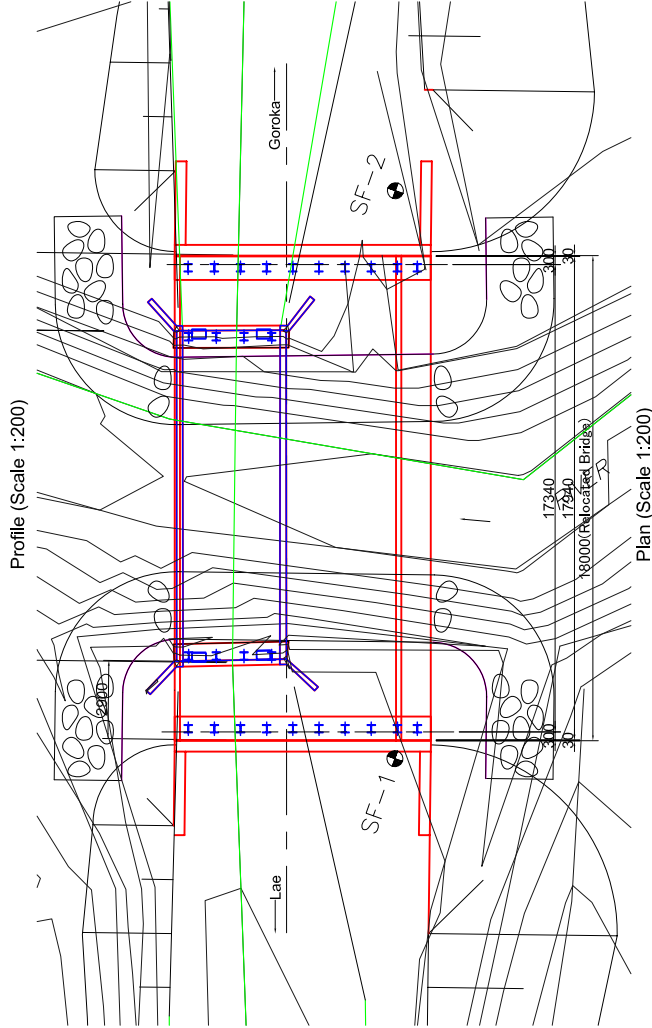
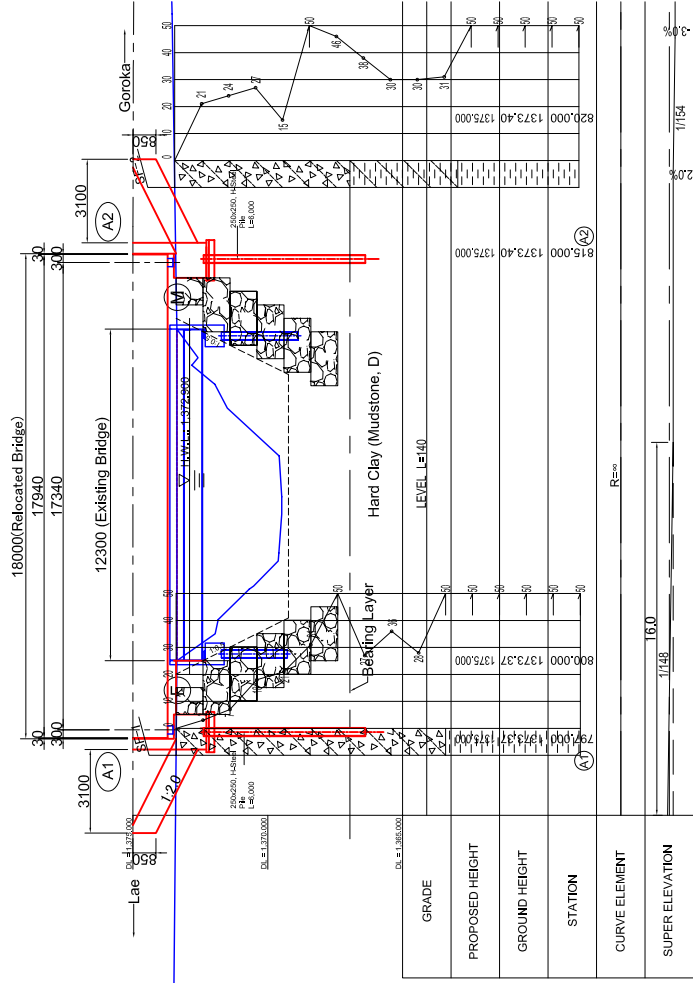
BRIDGE SECTION



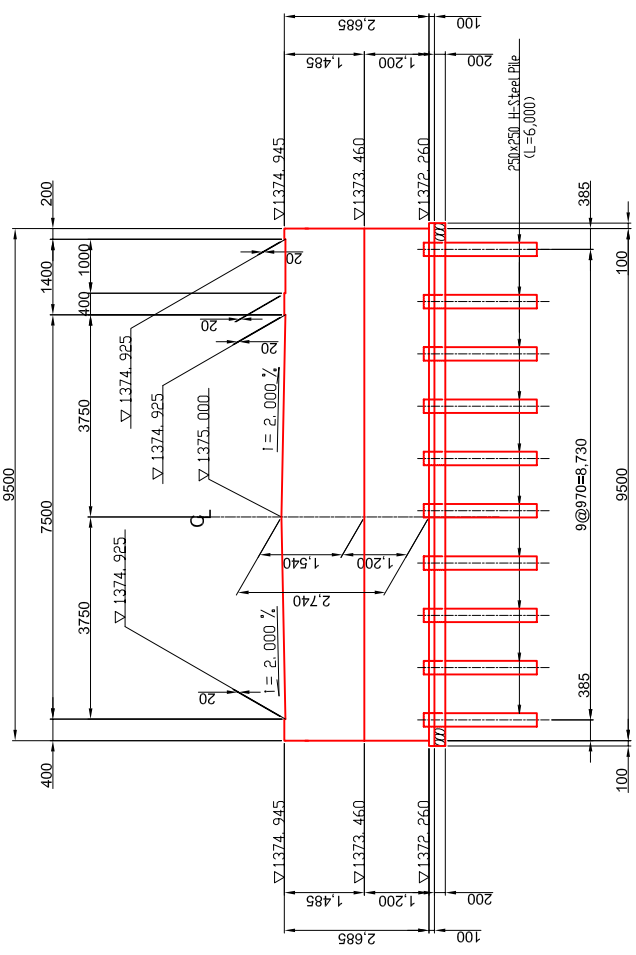
ROAD SECTION

TYPICAL CROSS SECTION OF ROADS SCALE 1:200

<p>バブアニューギニア国 公共事業省</p>	<p>バブアニューギニア国 ハイランド橋梁改修計画基本設計調査</p>	<p>独立行政法人国際協力機構</p>	<p>TITLE 道路横断面 No.11 バナバナ橋</p>	<p>SCALE</p>	<p>DATE</p>	<p>SHEET NO. 27</p>
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Typical Cross Section (Scale 1:100)

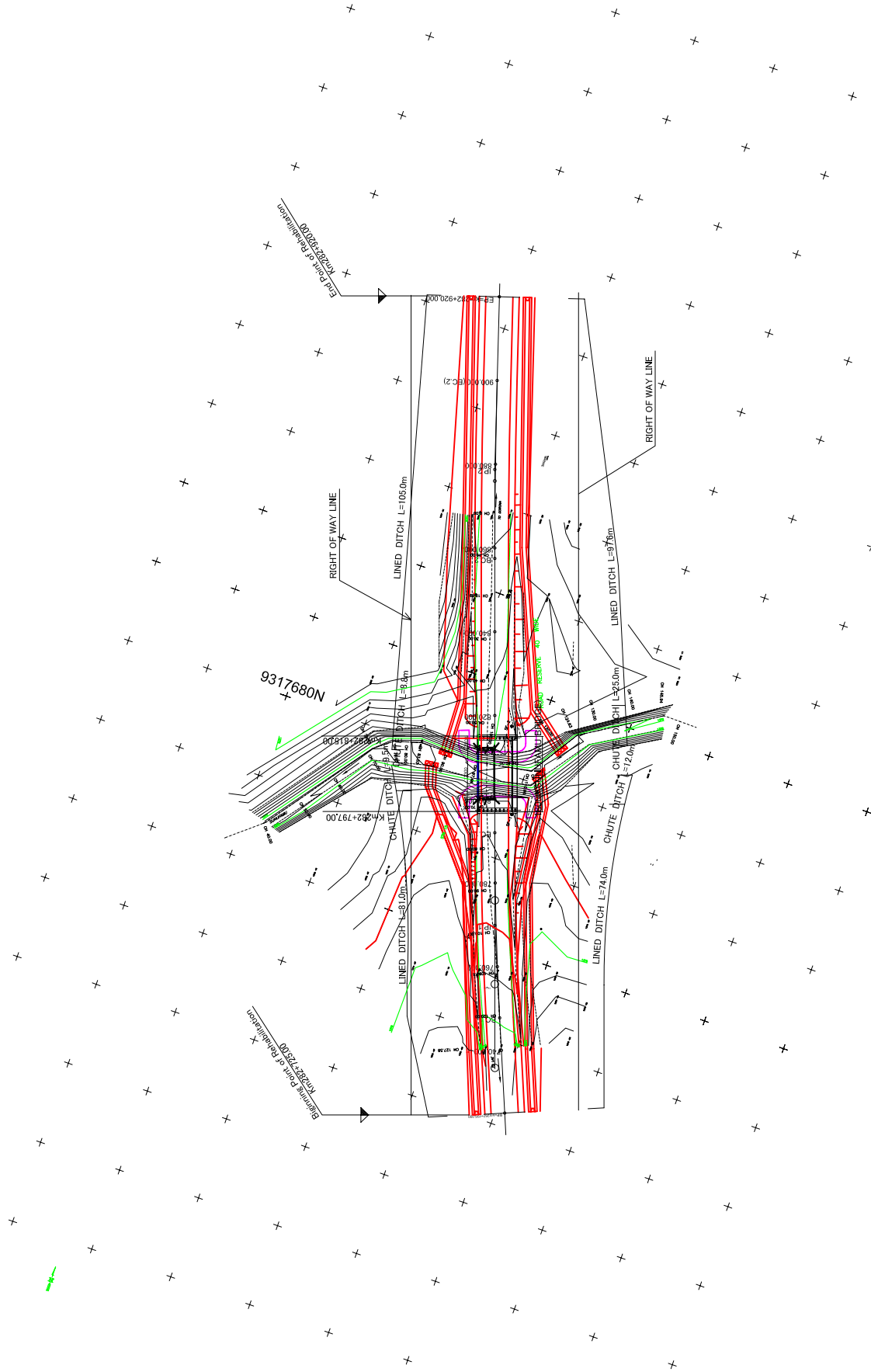


Front Elevation & Side View of Abutment, A2
(Scale 1:100)

DESIGN CRITERIA

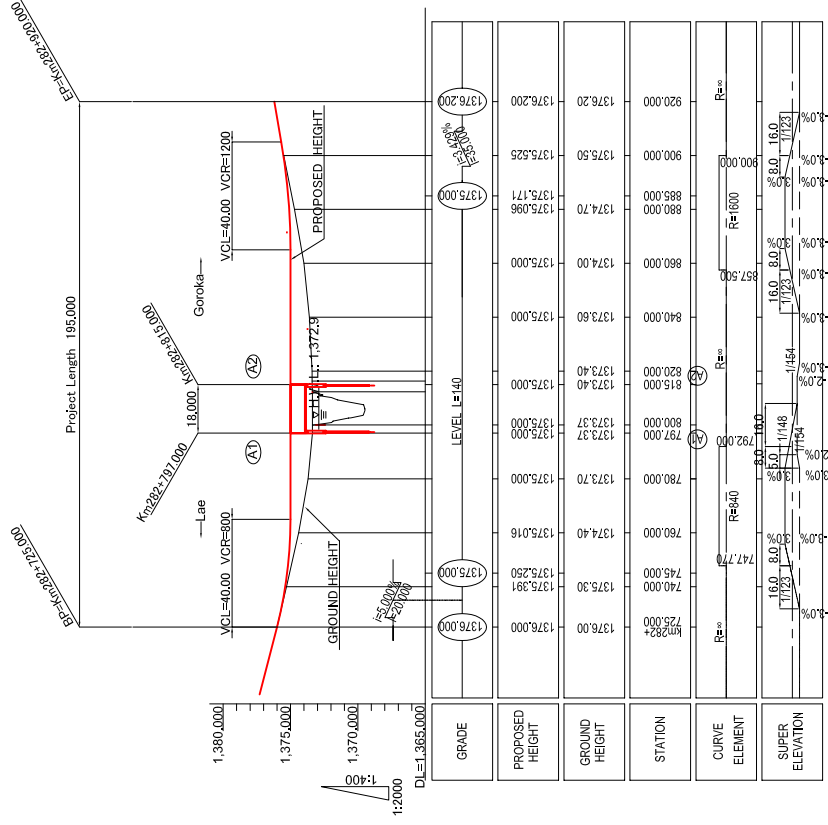
TYPE OF BRIDGE	SINGLE SPAN H-SHAPE STEEL GIRDER
TOTAL BRIDGE LENGTH	18,000m
SPAN LENGTH & ARRANGEMENT	1@17,340m
CROSS SECTION	CARRIAGE WAY WIDTH: 7,500m SIDEWALK WIDTH: 1,000m
LIVE LOAD	JAPANESE B LIVE LOAD
SEISMIC COEFFICIENT	K _h =0.17

GENERAL PLAN OF SUNUFAMU BRIDGE SCALE(1:1000)



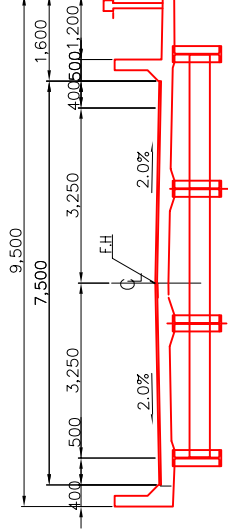
PROFILE OF ROAD

SCALE(V=1:400,H=1:2000)

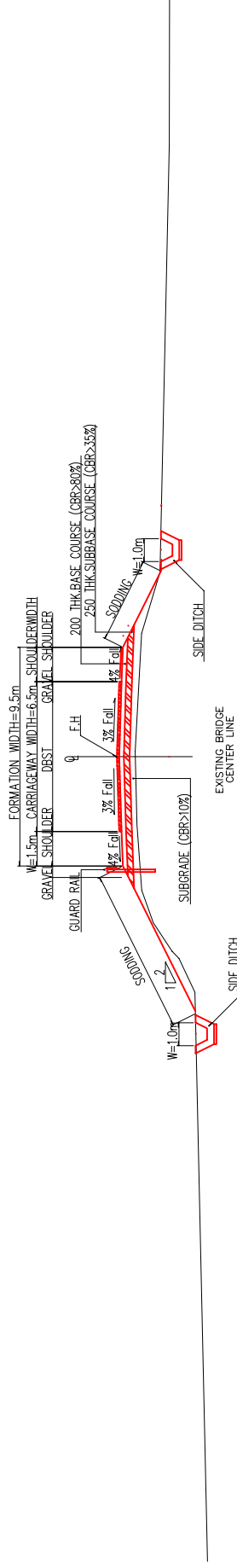


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION	CURVE ELEMENT	SUPER ELEVATION
1376.000	1376.000	1376.00	725.000	Re=∞	16.0
1375.000	1375.000	1375.30	740.000	Re=∞	8.0
1375.000	1375.000	1375.250	745.000	Re=400	1723
1375.000	1375.000	1375.016	760.000	Re=400	1723
1375.000	1375.000	1374.40	760.000	Re=∞	16.0
1375.000	1375.000	1373.70	780.000	Re=∞	8.0
1375.000	1375.000	1373.37	797.000	Re=∞	1723
1375.000	1375.000	1373.37	800.000	Re=∞	16.0
1375.000	1375.000	1373.40	815.000	Re=∞	8.0
1375.000	1375.000	1373.40	820.000	Re=∞	1723
1375.000	1375.000	1373.60	840.000	Re=∞	16.0
1375.000	1375.000	1373.80	840.000	Re=∞	8.0
1375.000	1375.000	1374.00	860.000	Re=∞	1723
1375.096	1374.70	1375.171	880.000	Re=600	16.0
1375.525	1375.50	1375.525	900.000	Re=∞	8.0
1376.200	1376.200	1376.20	920.000	Re=∞	1723

TYPICAL CROSS SECTIONS SCALE(1:200)



BRIDGE SECTION



ROAD SECTION

TYPICAL CROSS SECTION OF ROADS

SCALE 1:200

ハヴァニューギニア国 公共事業省	ハヴァニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	TITLE 道路横断面 No.12 スヌアム橋	SCALE	DATE	SHEET NO. 31
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