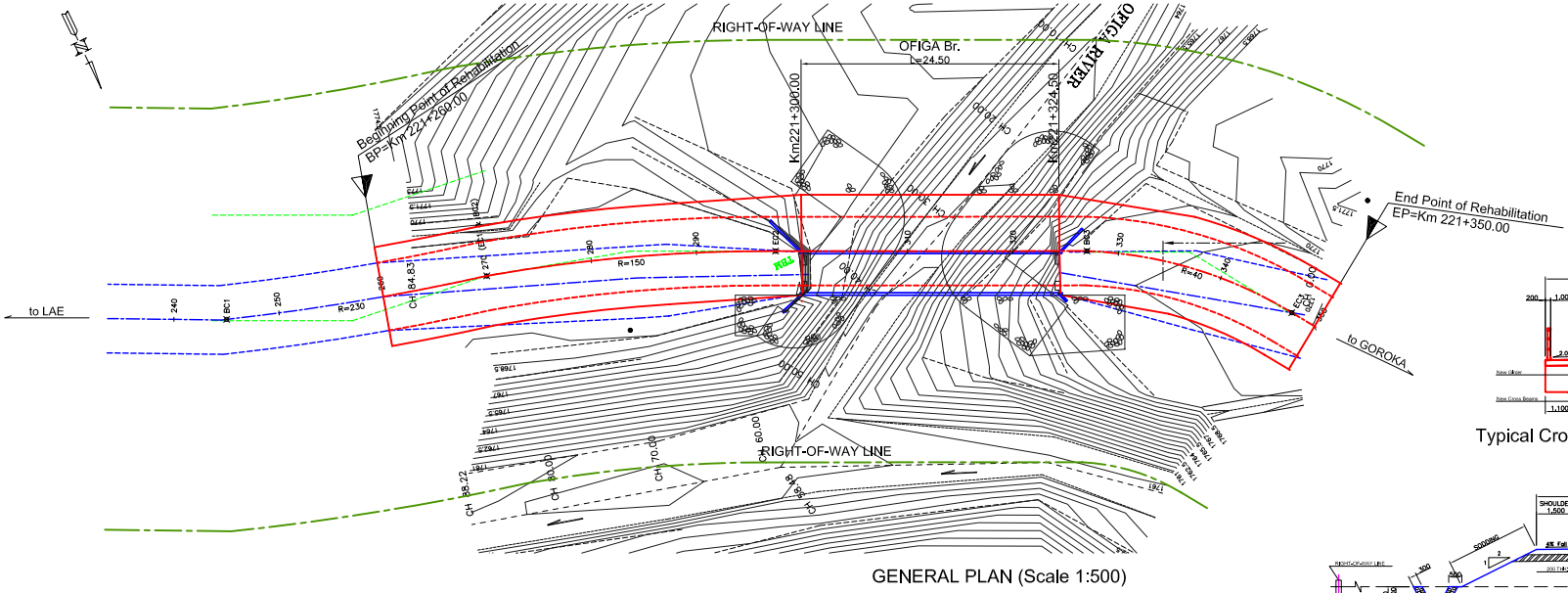
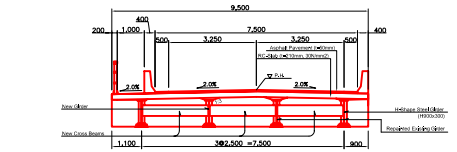
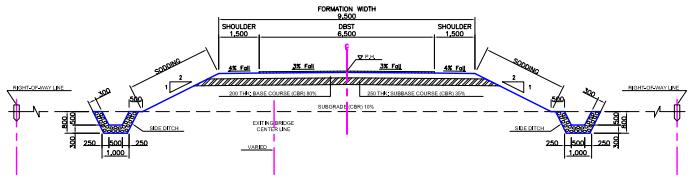


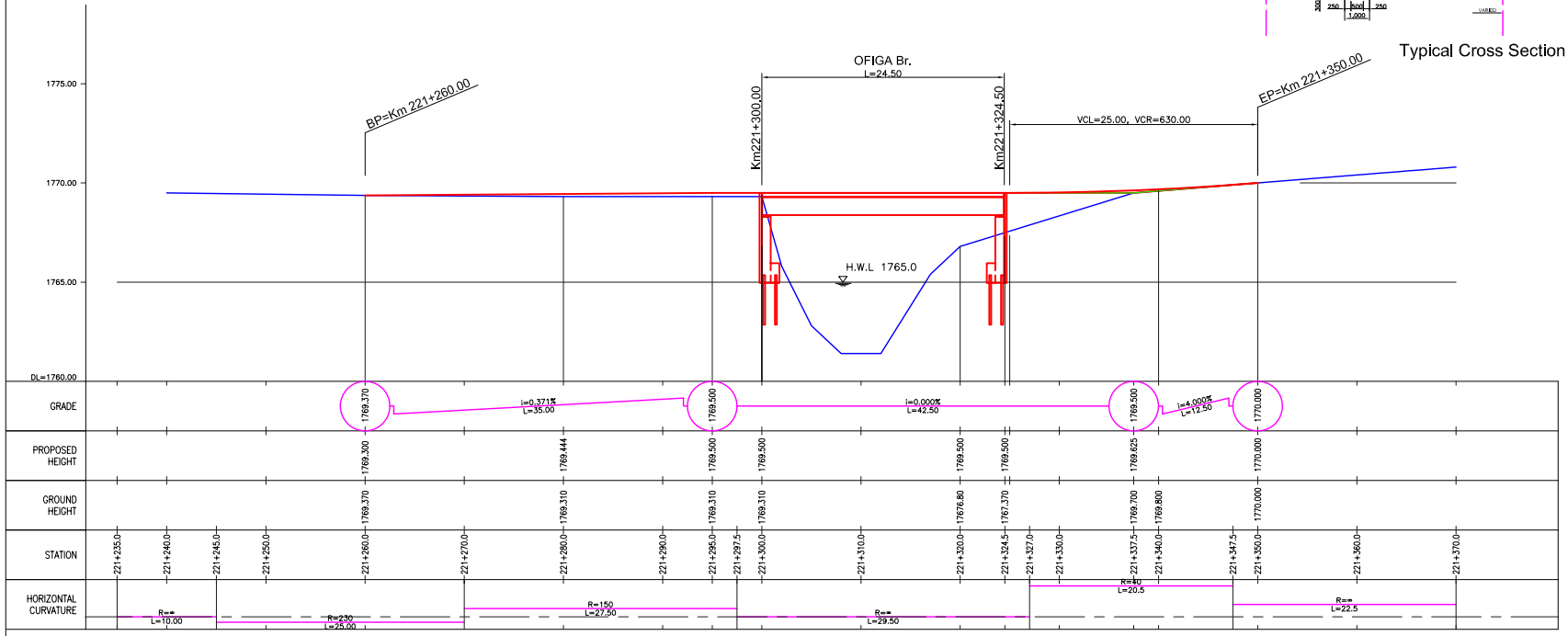
GENERAL PLAN (Scale 1:500)



Typical Cross Section of Bridge (Scale 1:200)



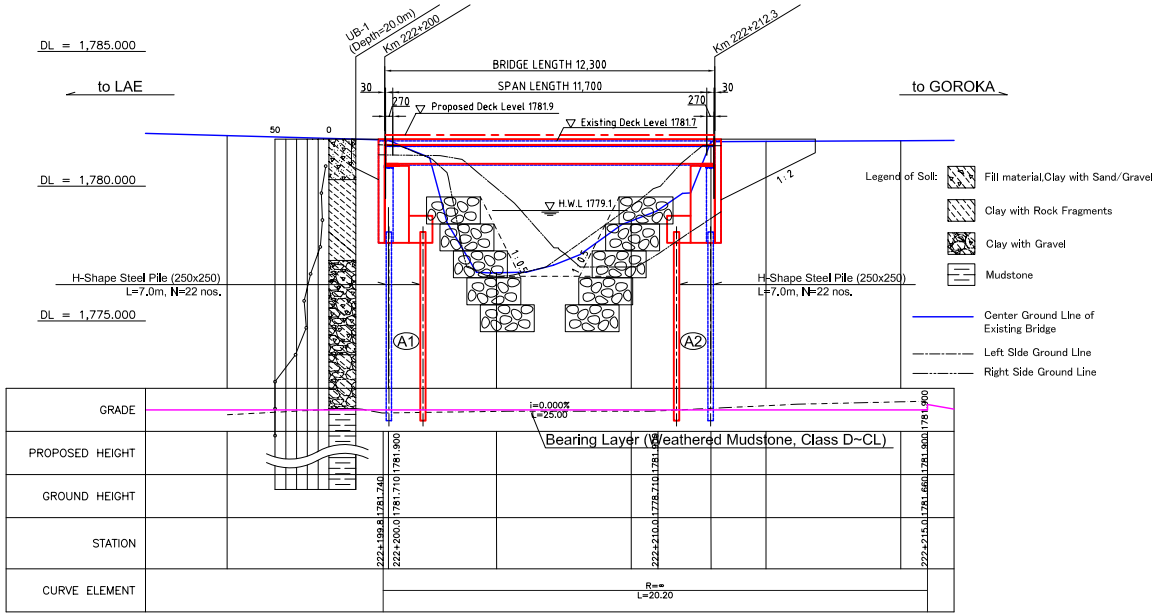
Typical Cross Section of Road (Scale 1:200)



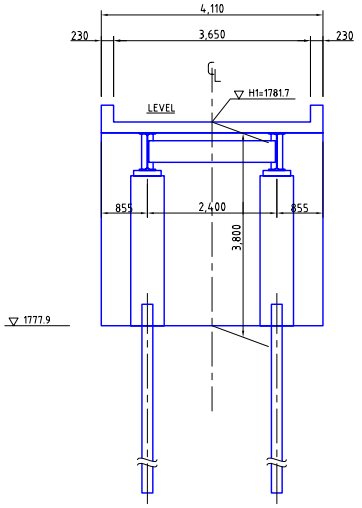
PROFILE OF ROAD (Scale V=1:250, H=1:500)

Dimensions of Existing Bridge were assumed based on the collected data & site survey.

			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国　公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	道路平面・縦断・横断図　No.4　オフィガ橋	1:500		8



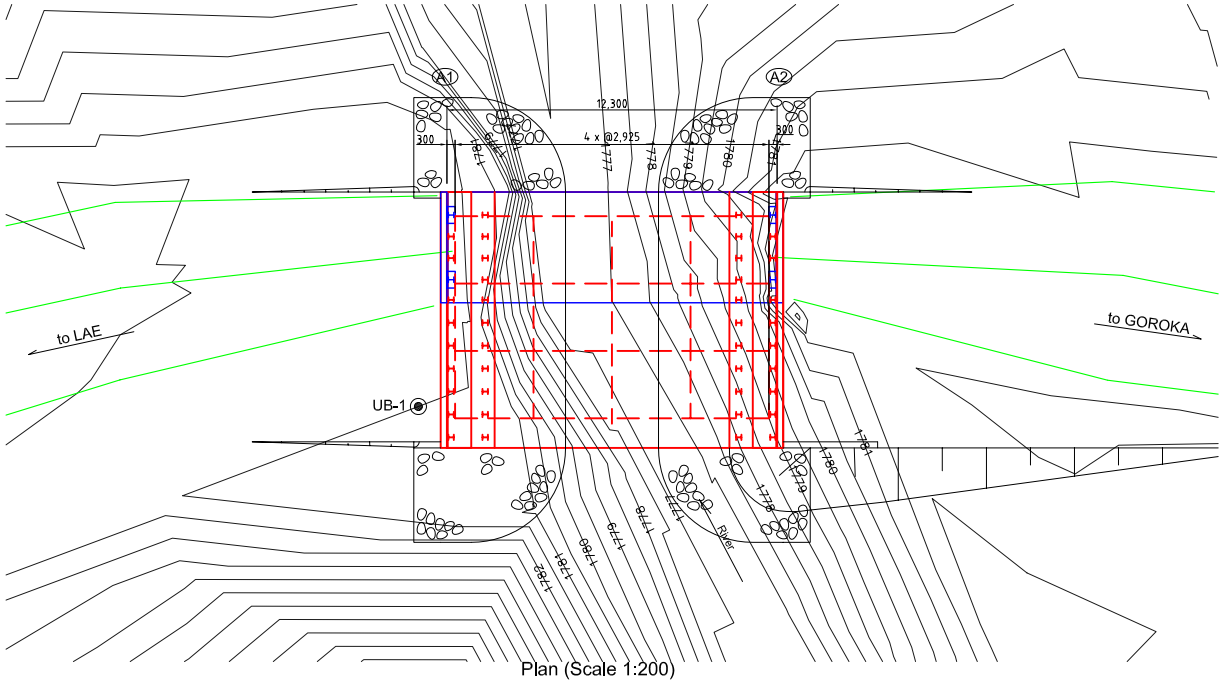
Profile (Scale 1:200)



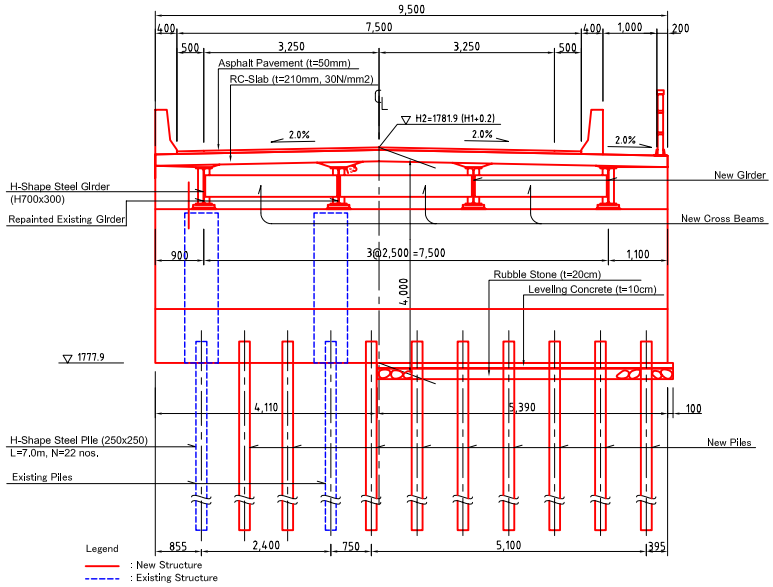
Cross Section at A2 - Existing (Scale 1:100)

DESIGN CRITERIA

TYPE OF BRIDGE	SINGLE SPAN, H-SHAPE STEEL GIRDER
TOTAL BRIDGE LENGTH	12.300m
SPAN LENGTH & ARRANGEMENT	1@11.700m
CROSS SECTION	CARRIAGE WAY WIDTH: 7.500m SIDEWALK WIDTH: 1.000m
LIVE LOAD	JAPANESE B LIVE LOAD
SEISMIC COEFFICIENT	Kh = 0.17



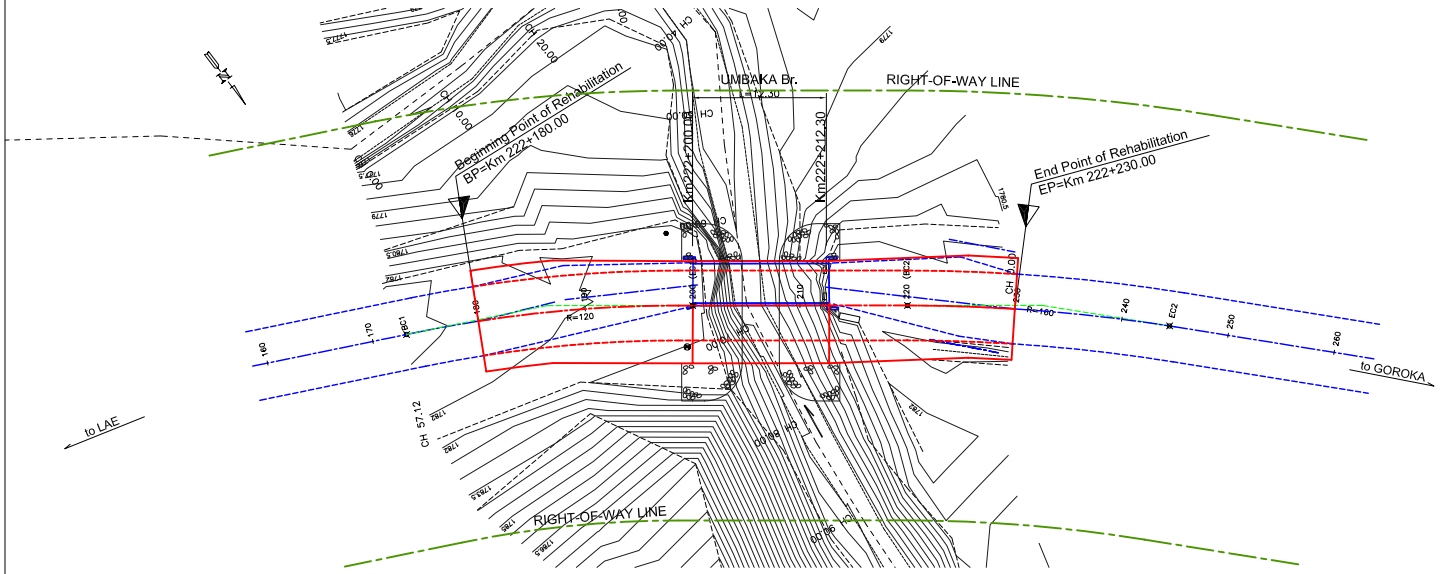
Plan (Scale 1:200)



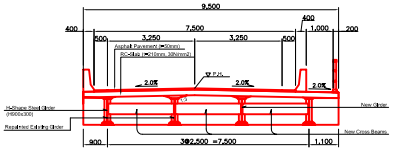
Cross Section at A2 - Proposed (Scale 1:100)

Dimensions of Existing Bridge were assumed based on the collected data & site survey.

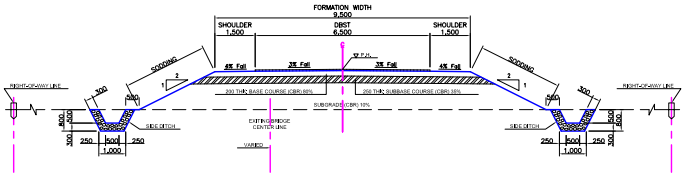
パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	TITLE	SCALE	DATE	SHEET NO.
			橋梁一般図 No.5 ウンバカ橋			9



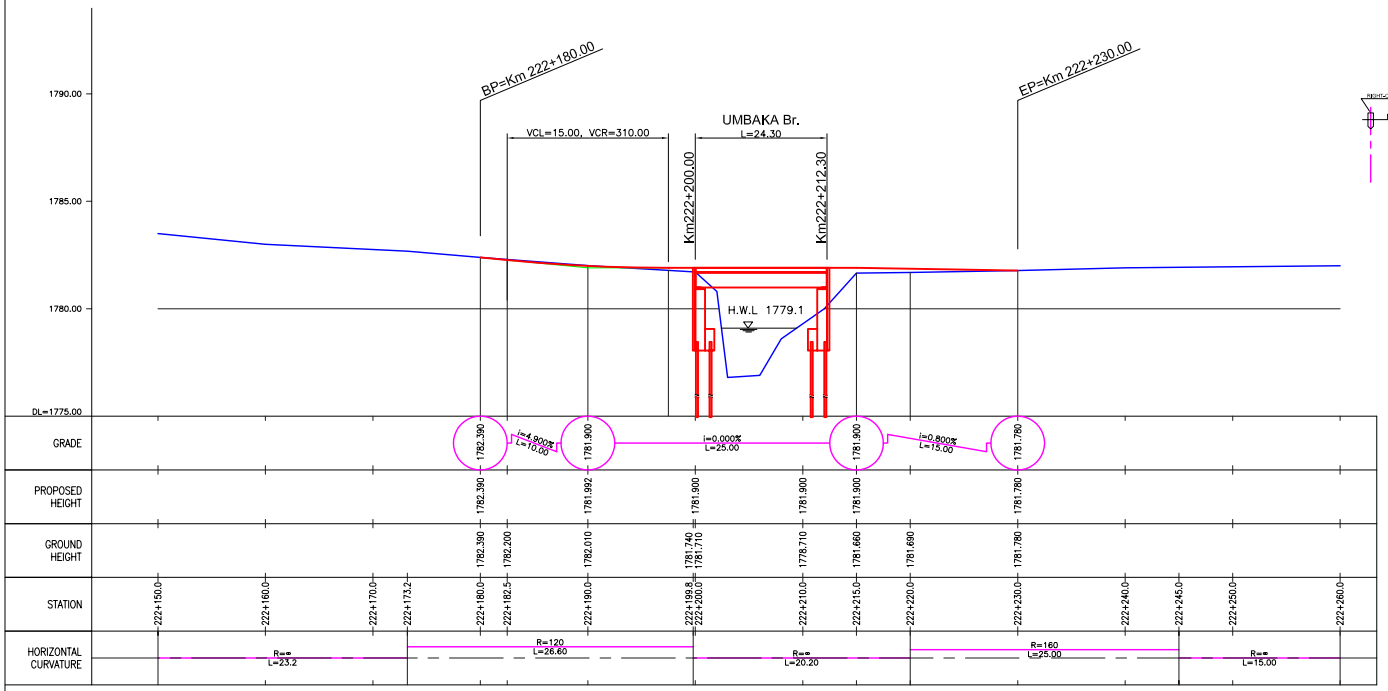
GENERAL PLAN (Scale 1:500)



Typical Cross Section of Bridge (Scale 1:200)



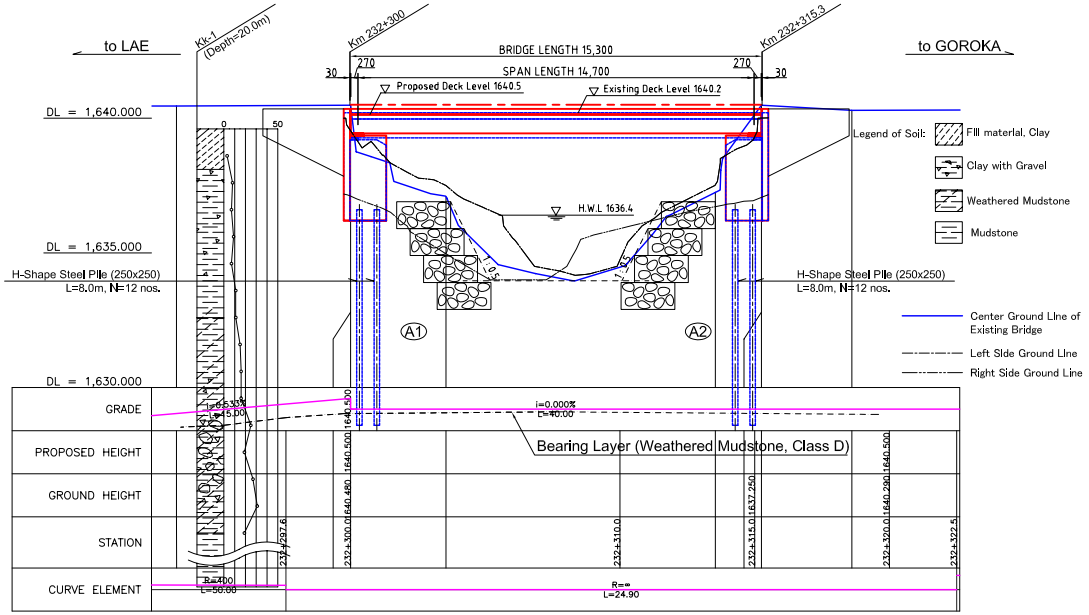
Typical Cross Section of Road (Scale 1:200)



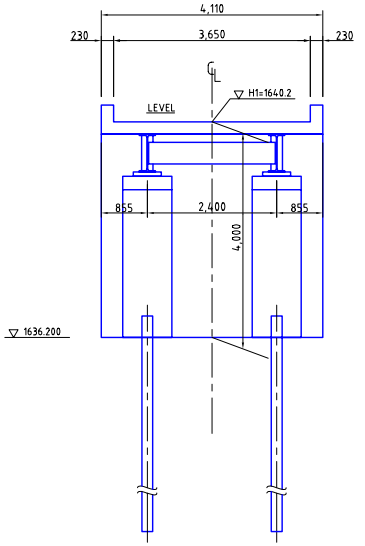
PROFILE OF ROAD (Scale V=1:250, H=1:500)

Dimensions of Existing Bridge were assumed based on the collected data & site survey.

			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	道路平面・縦断・横断図 No.5 ウンバカ橋	1:500		10



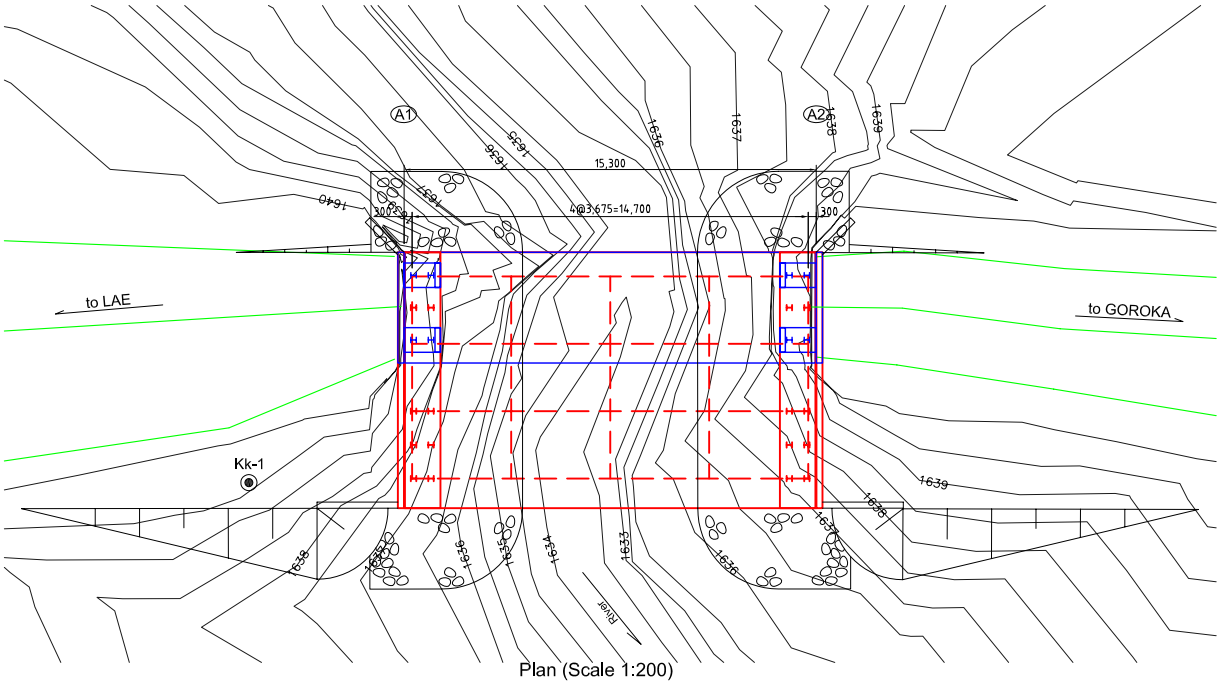
Profile (Scale 1:200)



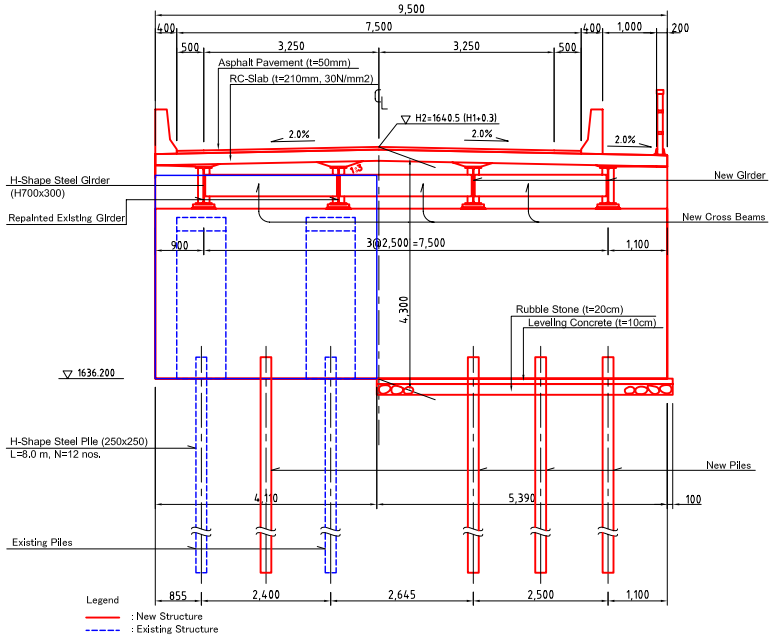
Cross Section at A2 - Existing (Scale 1:100)

DESIGN CRITERIA

TYPE OF BRIDGE	SINGLE SPAN, H-SHAPE STEEL GIRDER
TOTAL BRIDGE LENGTH	15.300m
SPAN LENGTH & ARRANGEMENT	1@14.700m
CROSS SECTION	CARRIAGE WAY WIDTH: 7.500m SIDEWALK WIDTH: 1.000m
LIVE LOAD	JAPANESE B LIVE LOAD
SEISMIC COEFFICIENT	Kh = 0.17



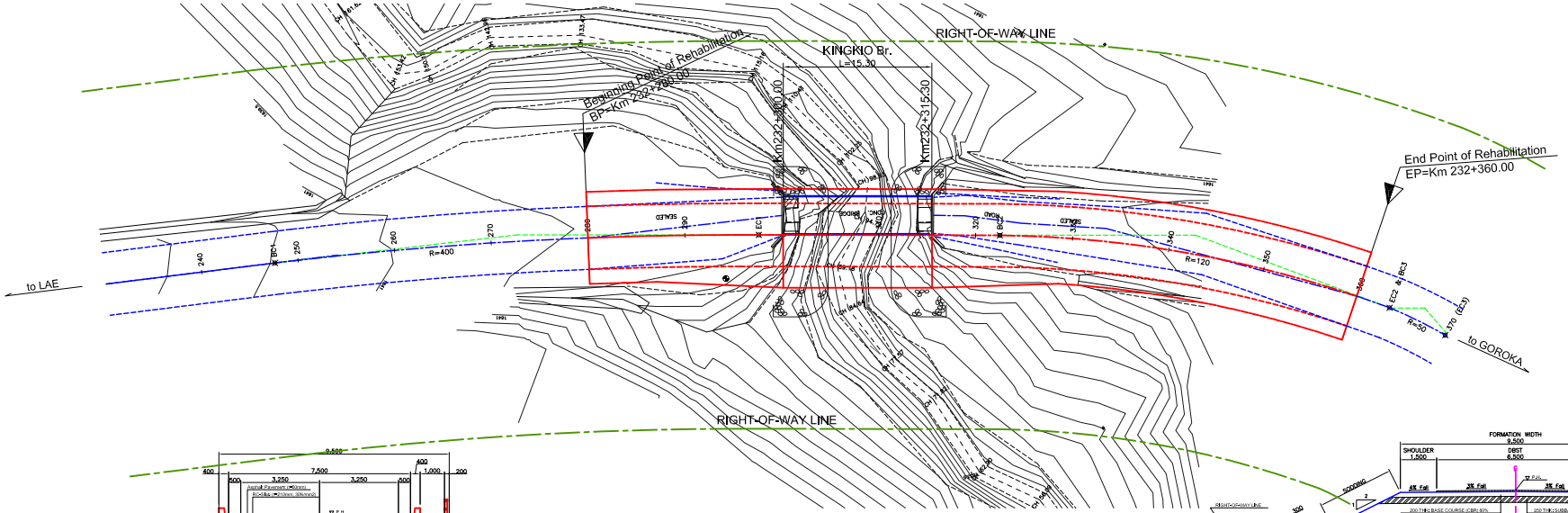
Plan (Scale 1:200)



Cross Section at A2 - Proposed (Scale 1:100)

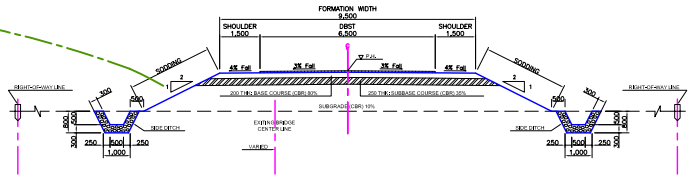
Dimensions of Existing Bridge were assumed based on the collected data & site survey.

パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	TITLE	SCALE	DATE	SHEET NO.
			橋梁一般図 No.6 キングキオ橋			11

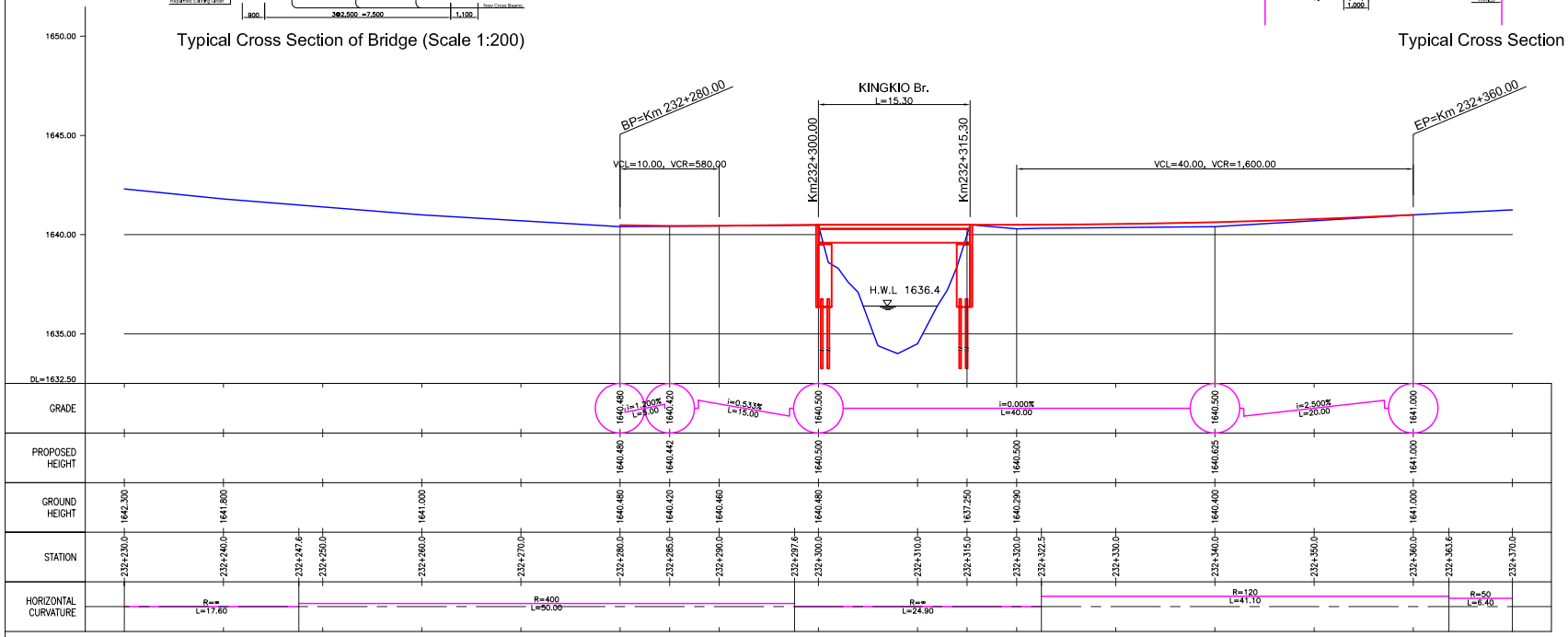


GENERAL PLAN (Scale 1:500)

Typical Cross Section of Bridge (Scale 1:200)



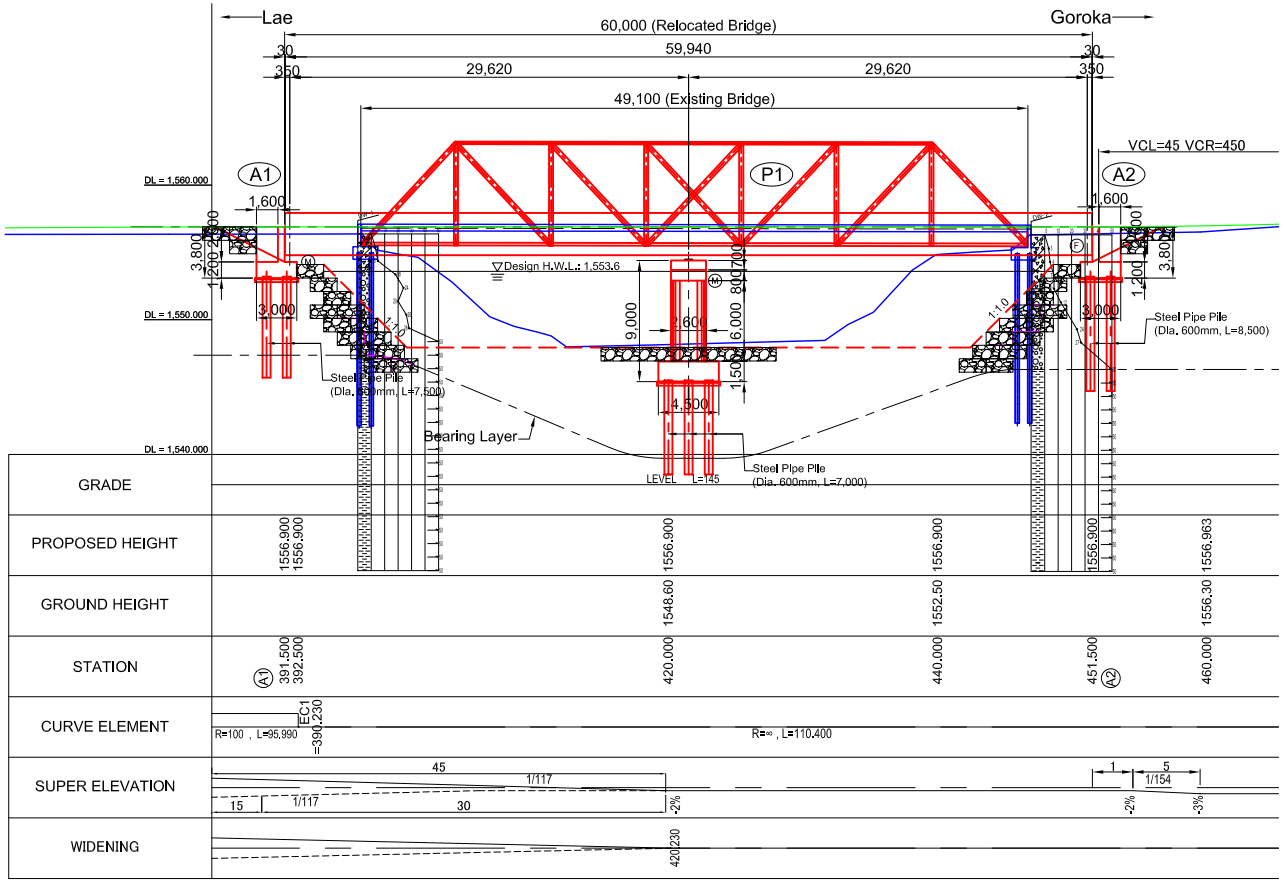
Typical Cross Section of Road (Scale 1:200)



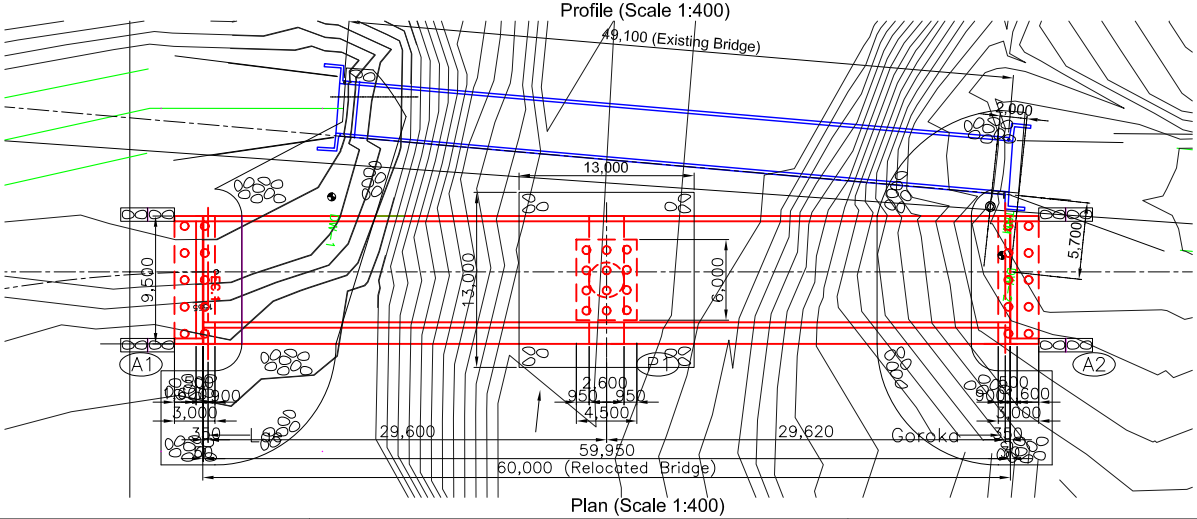
PROFILE OF ROAD (Scale V=1:250, H=1:500)

Dimensions of Existing Bridge were assumed based on the collected data & site survey.

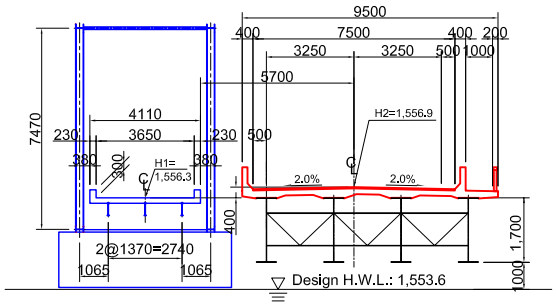
			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国　公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	道路平面・縦断・横断図　No.6　キングキオ橋	1:500		12



Profile (Scale 1:400)

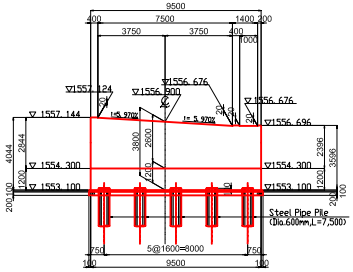


Plan (Scale 1:400)

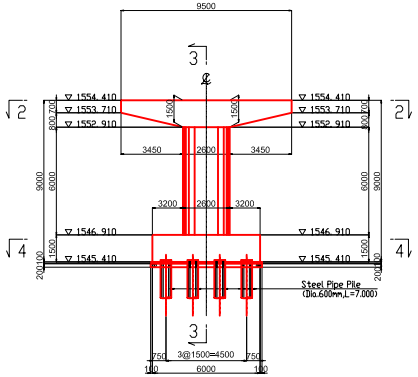


* Asphalt Pavement: t=50mm
Deck Slab: t=210mm

Typical Cross Section (Scale 1:200)



Side View & Front Elevation of Abutment, A2 (Scale 1:300)

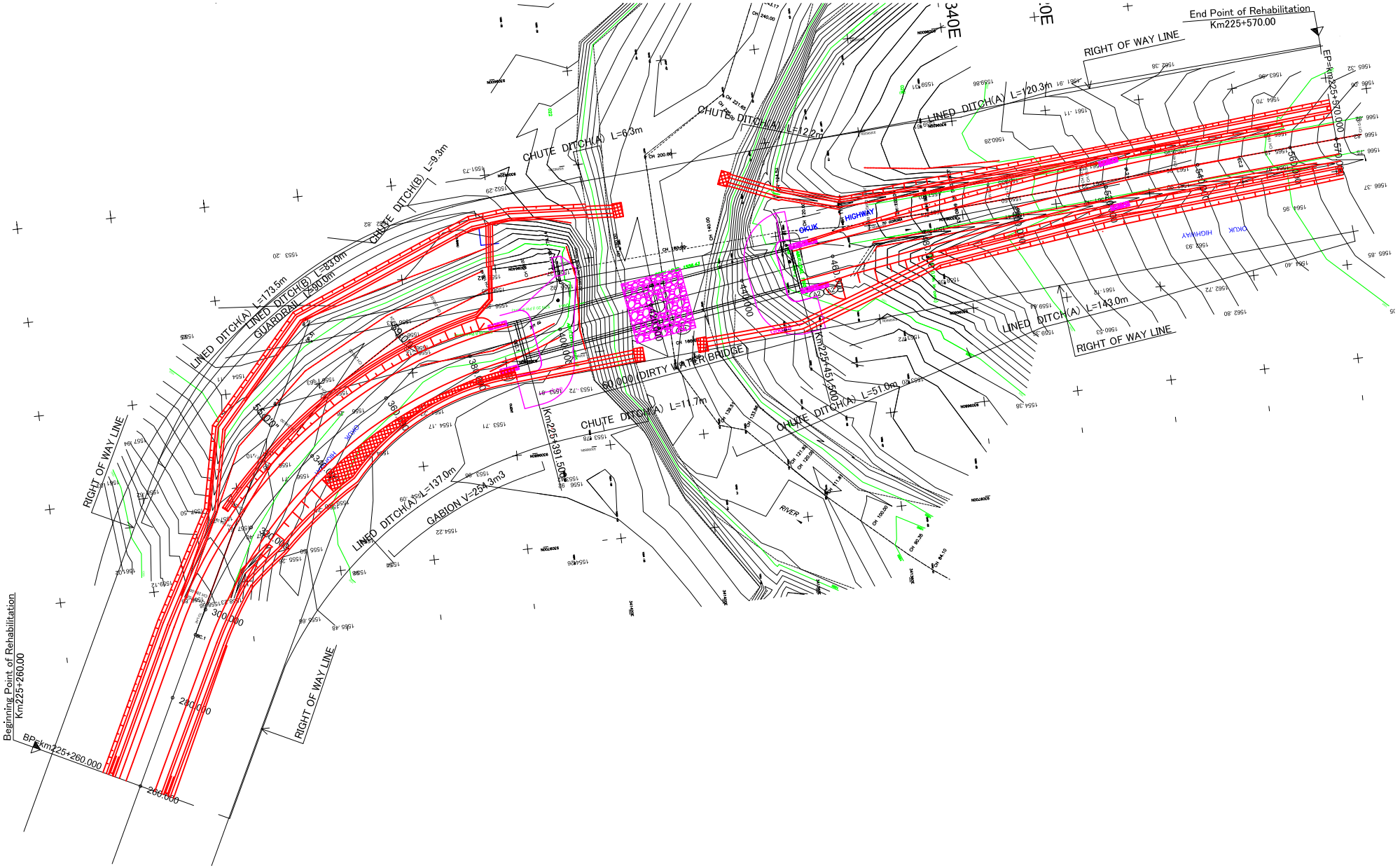


Side View & Front Elevation of Pier, P1 (Scale 1:300)

DESIGN CRITERIA	
TYPE OF BRIDGE	2-SPAN CONTINUOUS STEEL PLATE GIRDER
TOTAL BRIDGE LENGTH	60.000m
SPAN LENGTH □ ARRENGEMENT	2@29,620m
CROSS SECTION	CARRIAGE WAY WIDTH:7.500m SIDEWALK WIDTH:1.000m
LIVE LOAD	JAPANESED B LIVE LOAD
SEISMIC COEFFICENT	Kh=0.17

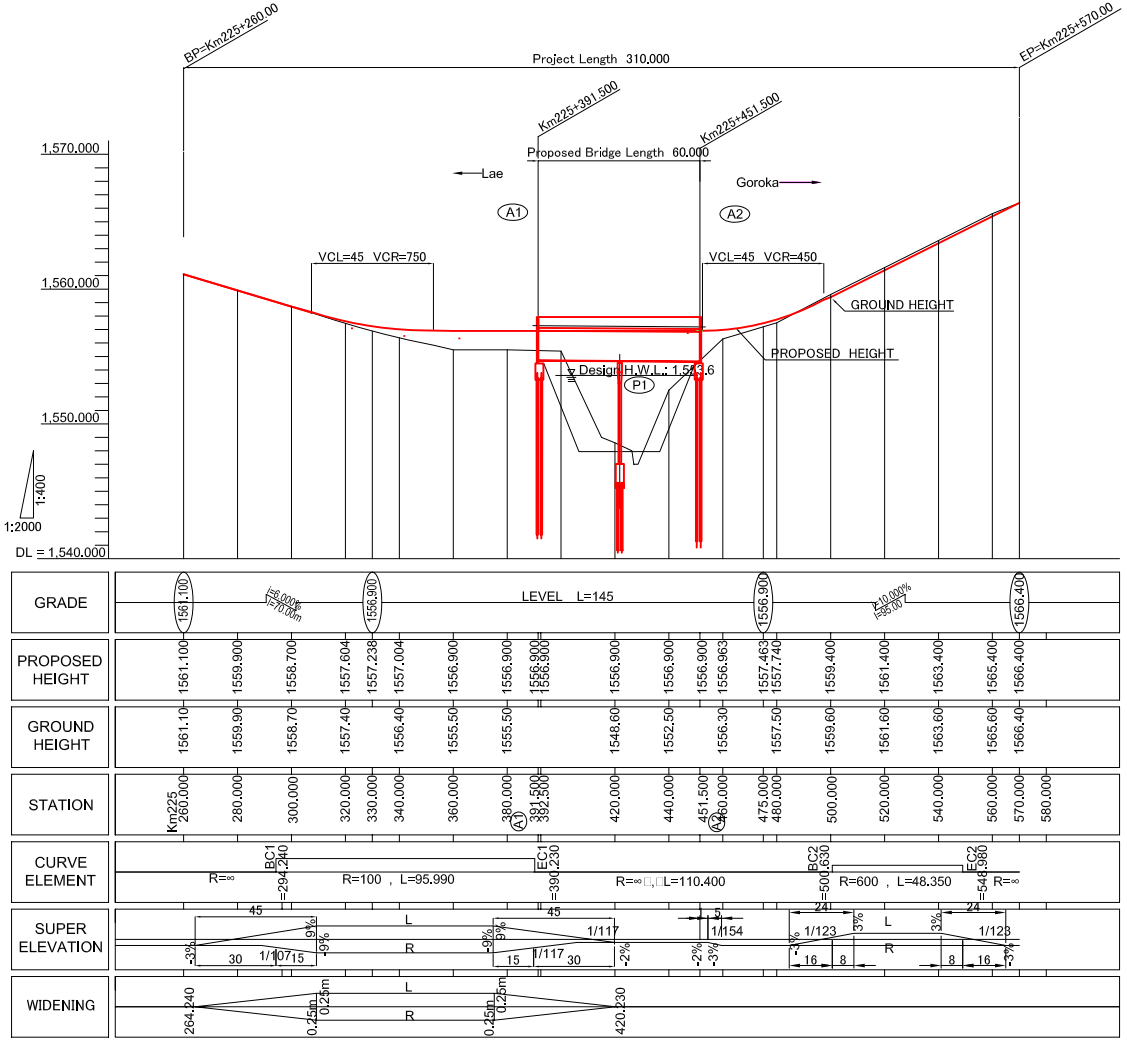
			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	橋梁一般図 No.7 ダーティウォーター橋			13

GENERAL PLAN OF DIRTY WATER BRIDGE SCALE(1:1000)



			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	道路平面図 No.7 ダーティウォーター橋			14

PROFILE OF ROAD SCALE(V=1:400,H=1:2000)



			TITLE	SCALE	DATE	SHEET NO.
パプアニューギニア国 公共事業省	パプアニューギニア国 ハイランド橋梁改修計画基本設計調査	独立行政法人国際協力機構	道路縦断図 No.7 ダーティウォーター橋			15