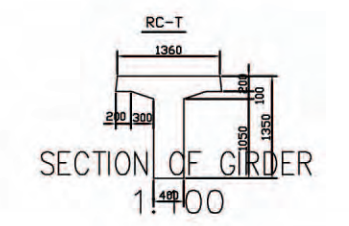
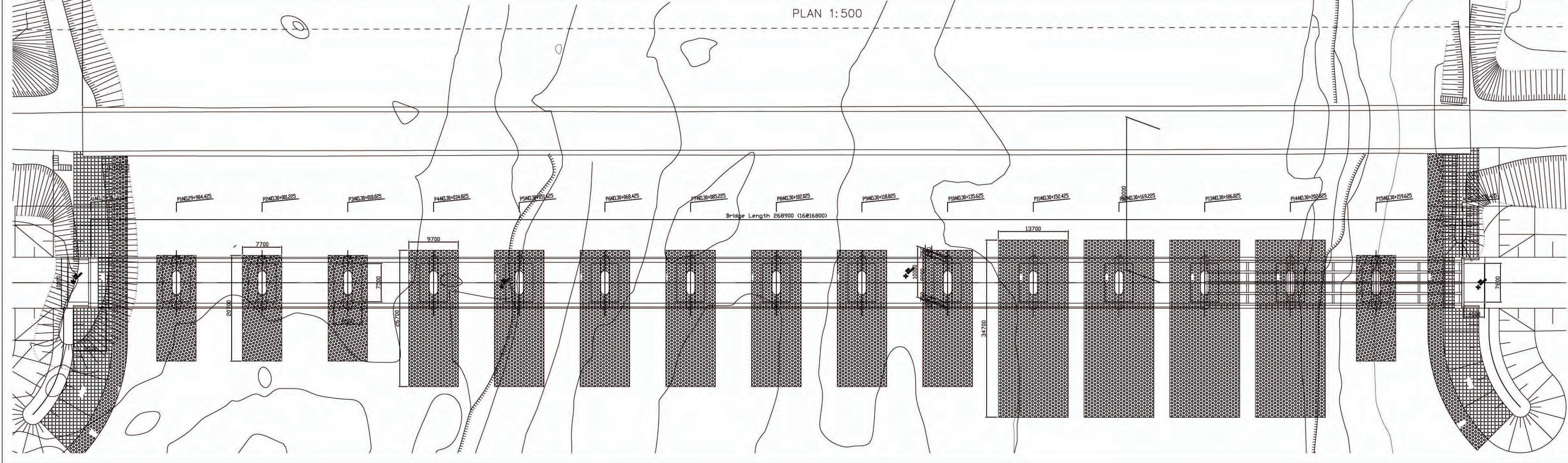
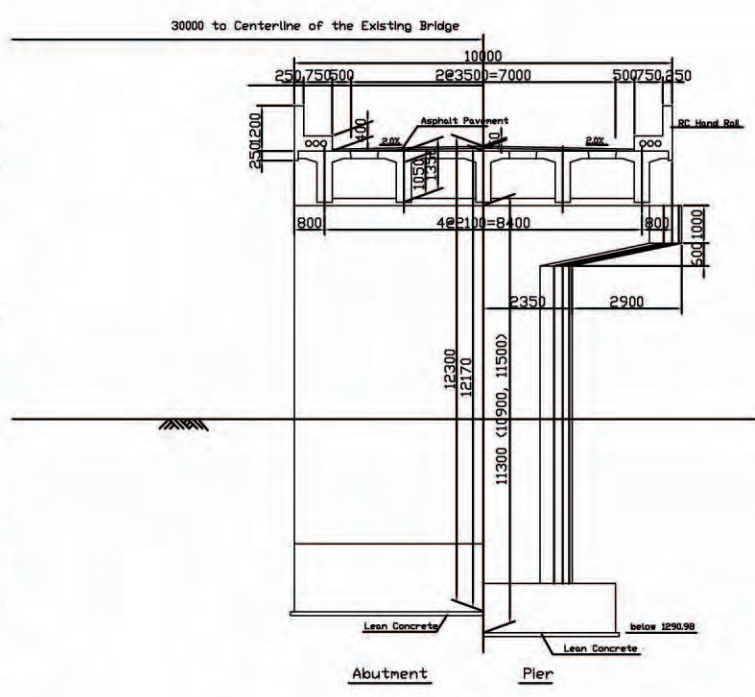
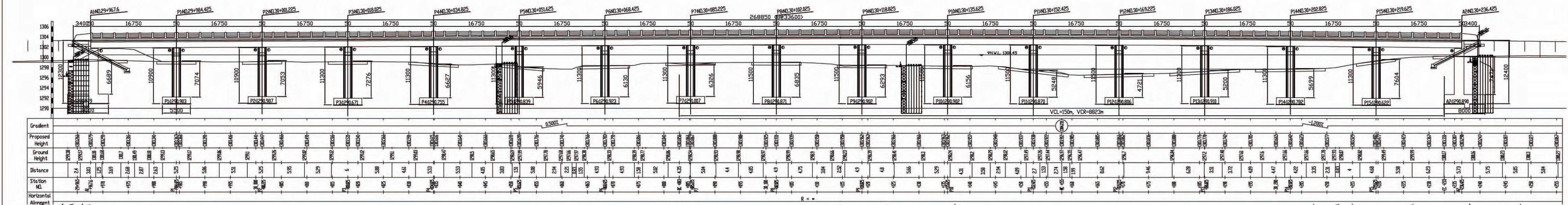


PROFILE 1:500

GENERAL VIEW (KHERLEN BRIDGE)

SECTION 1:200



DESIGN CRITERIA	
GENERAL CONDITION	
Design Speed	V=100km/h
Bridge Length (Span Length)	268.950m (1616.80m)
Total Width	10.00m
Longitudinal Gradient	0.120%
Cross-fall of Carriage way	2.0%
Superstructure Type	RC-T Shape Girder
Substructure Type	Abutment RC Reversed T-Shape Pier RC Wall (Cantilever Beam)
Foundation Type	Spread

MATERIAL STRENGTH		
Category	Material	Specification
Superstructure	Girder	$\sigma_{ck}=24N/mm^2$
	Cross Beam	$\sigma_{ck}=24N/mm^2$
Bridge Surface	Slab	$\sigma_{ck}=24N/mm^2$
	Asphalt Pavement	t=5cm
	Curb, Hand Rail	$\sigma_{ck}=21N/mm^2$
Substructure	Leveling Concrete	$\sigma_{ck}=21N/mm^2$
	Concrete	$\sigma_{ck}=21N/mm^2$
	Approach Slab	$\sigma_{ck}=21N/mm^2$
	Lean Concrete	$\sigma_{ck}=18N/mm^2$
	Reinforcing Bar	SD295($\sigma_{py}295N/mm^2$)

THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DEPARTMENT OF ROADS, MINISTRY OF INFRASTRUCTURE, THE GOVERNMENT OF MONGOLIA	
PACIFIC CONSULTANTS INTERNATIONAL JAPAN OVERSEAS CONSULTANTS	Scale AS SHOWN	
Sheet No. GENERAL VIEW (KHERLEN BRIDGE) (STAGE-2)	Scale AS SHOWN	Sheet No. P-3 1/4